

**TVCC80000 / TVCC81000  
TVCC81500**

**TVAC31200 / TVAC31210 / TVAC31220  
TVAC31230 / TVAC31240**



|    |                                   |            |
|----|-----------------------------------|------------|
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1. Hinweise vor der Installation

|                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>  <p>Das Symbol mit dem Blitz im Dreieck wird verwendet, wenn Gefahr für die Gesundheit besteht, z.B. durch elektrischen Schlag.</p> </div>                                                                                    | <div>  <p>Ein im Dreieck befindliches Ausrufezeichen weist auf wichtige Hinweise in dieser Bedienungsanleitung hin, die unbedingt zu beachten sind.</p> </div>   |
| Bitte benutzen Sie das Netzteil das im Lieferumfang enthalten ist.                                                                                                                                                                                                                                                   | Lassen Sie die Kuppel nicht fallen und schützen Sie vor Stöße. Vermeiden Sie Installationen auf vibrierenden Oberflächen.                                                                                                                         |
| Schließen Sie nicht mehrere Dome an ein Netzteil an, da dies zu Überlast bzw. Brandgefahr führen kann.                                                                                                                                                                                                               | Vermeiden Sie Installation in extrem heißen, kalten, staubigen oder feuchten Orten, da sonst Brand oder Stromschlag auftreten kann. Die Betriebstemperatur sollte bei -30°C ~ 65°C (Außendome) und -10°~ 50°C (Innendome) liegen.                 |
| Stellen Sie sicher dass die Spannungsversorgung getrennt ist, bevor Sie das Netzteil anschließen oder den Speed Dome öffnen.                                                                                                                                                                                         | Die Kuppel für den Innendome sollte vor Regen und Feuchtigkeit geschützt werden.                                                                                                                                                                  |
| Falls Rauch, Gerüche oder Geräusche aus dem Speed Dome austreten, schalten Sie das Gerät bitte sofort aus und wenden sich an unseren technischen Support.                                                                                                                                                            | Bitte benutzen Sie die beigelegten Handschuhe wenn Sie den Speed Dome öffnen. Vermeiden Sie direkten Kontakt mit der Kuppel da diese sonst beschädigt werden kann.                                                                                |
| <p>Wenn das Produkt nicht ordnungsgemäß funktioniert, wenden Sie sich bitte an Ihren Händler oder unseren technischen Support. Versuchen Sie niemals den Speed Dome zu demontieren.</p> <p>Wir übernehmen keine Verantwortung für Probleme die durch nicht autorisierte Reparatur oder Wartung verursacht wurde.</p> | Bitte heben Sie die Verpackungen und Schaumstoffe auf. Im Fehlerfall muss der Speed Dome in der Originalverpackung zurückgeschickt werden. Ein Transport ohne Originalverpackung kann zu Schäden am Speed Dome führen und Mehrkosten verursachen. |

2. Lieferumfang

2.1 TVCC80000



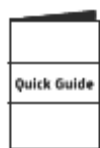
Tag/Nacht PTZ 23x Domekamera



Netzteil



Adapterplatte



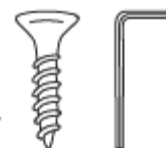
Quickguide



Handschuhe



CD

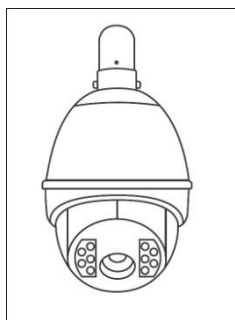


Befestigungsmaterial

2.2 TVCC81000 / TVCC81500



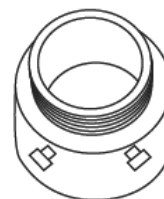
Tag/Nacht PTZ 23x  
Außendomekamera



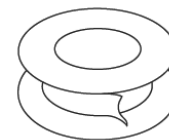
WDR DNR IR PTZ 36x  
Außendomekamera



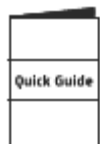
Netzteil



Adapter



Teflonband



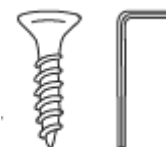
Quickguide



Handschuhe



CD



Befestigungsmaterial

3. Beschreibung der Anschlüsse

TVCC80000 / TVCC81000:

Anschlüsse Außen

1. Adresse DIP Schalter 2. Protokoll DIP Schalter  
3. Steckverbindung 4. Adresse und Protokoll Einstellungen

| SW 1                            |     | SW 2                         |     |                               |     |     |     |     |
|---------------------------------|-----|------------------------------|-----|-------------------------------|-----|-----|-----|-----|
| <b>SW1-ADDRESS</b>              |     |                              |     |                               |     |     |     |     |
| Rx Address = Switch Value       |     |                              |     |                               |     |     |     |     |
| Switch1 Number                  | 1   | 2                            | 3   | 4                             | 5   | 6   | 7   | 8   |
| Switch1 Value                   | 1   | 2                            | 4   | 8                             | 16  | 32  | 64  | 128 |
| Rx Broadcast Address            | 0   | off                          | off | off                           | off | off | off | off |
| Rx Address 1                    | on  | off                          | off | off                           | off | off | off | off |
| Rx Address 255                  | on  | on                           | on  | on                            | on  | on  | on  | on  |
| <b>SW2 - Baud Rate Settings</b> |     | <b>SW2 Protocol Settings</b> |     |                               |     |     |     |     |
| Switch2 Number                  | 1   | 2                            | 3   | Switch2 Number                | 4   | 5   | 6   |     |
| 2400 Baud                       | on  | off                          | off | Bosch Manchester <sup>®</sup> | off | on  | on  |     |
| 4800 Baud                       | off | on                           | off | AD Manchester <sup>®</sup>    | on  | on  | on  |     |
| 9600 Baud                       | on  | on                           | off | Self Adaptive                 |     |     |     |     |
| 19200 Baud                      | off | off                          | on  | * Only for Analog Dome        |     |     |     |     |
| 38400 Baud                      | on  | off                          | on  |                               |     |     |     |     |
| The rest of above is 2400 Baud  |     |                              |     |                               |     |     |     |     |
| <b>RS485 Mode Settings</b>      |     |                              |     | <b>Termination Settings</b>   |     |     |     |     |
| Switch Number                   | 7   | Switch Number                | 8   |                               |     |     |     |     |
| Simplex                         | off | Not Terminated               | off |                               |     |     |     |     |
| Half Duplex                     | on  | Terminated                   | on  |                               |     |     |     |     |

Anschlüsse Innen

1. Alarm In/Out Anschlüsse (7 IN/2 OUT)  
2. Videoausgang und RS-485 Anschluss  
3. 24VAC Spannungsversorgung / Anschluss Masse

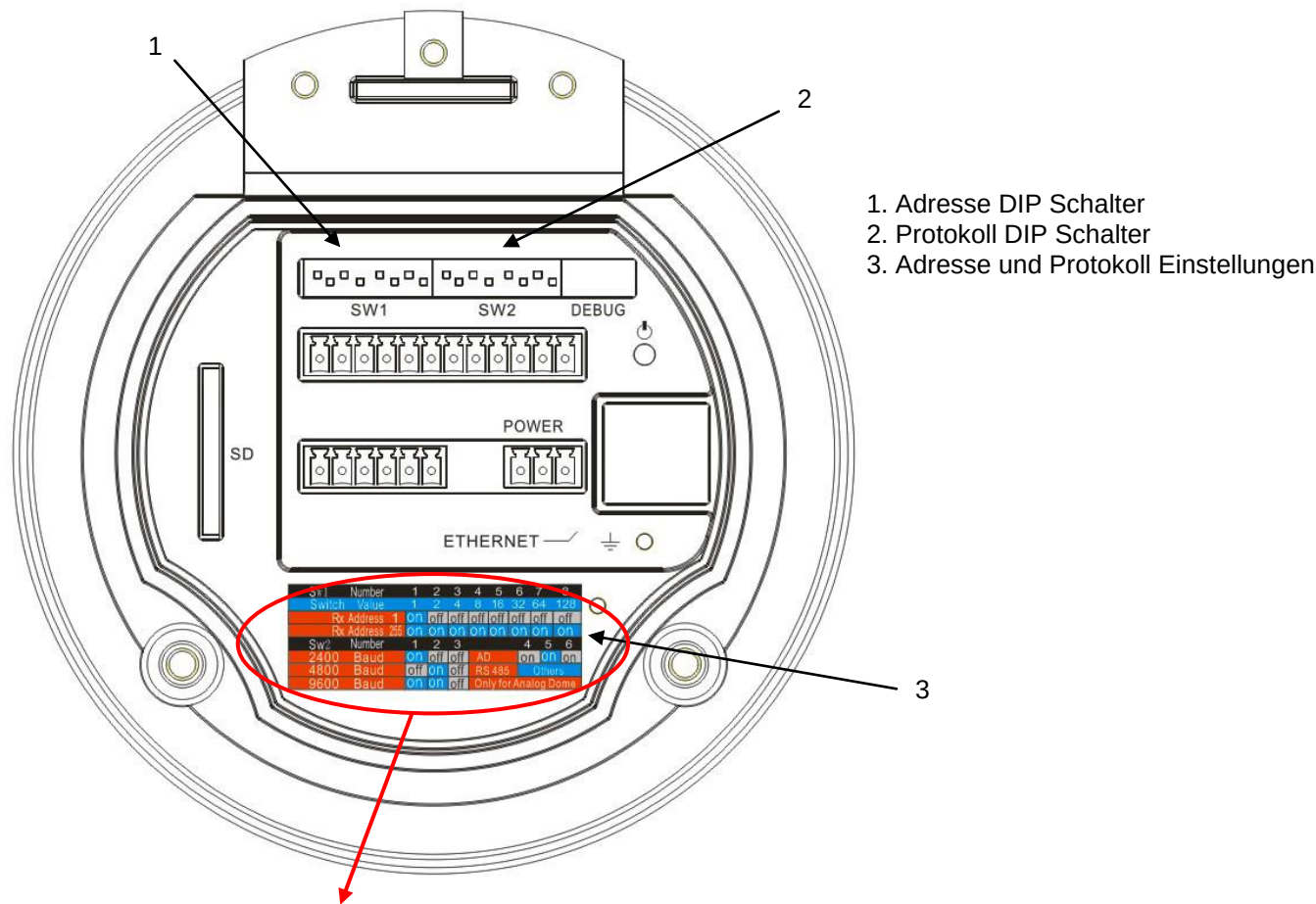
| OUT1 | OUT2 | GND | IN7 | IN6 | IN5 | IN4 | IN3 | IN2 | IN1 |
|------|------|-----|-----|-----|-----|-----|-----|-----|-----|
|      |      |     |     |     |     |     |     |     |     |

| Rx- | Rx+ | VGND | VOUT | NC | NC |
|-----|-----|------|------|----|----|
|     |     |      |      |    |    |

| AC1 | AC2 |
|-----|-----|
|     |     |

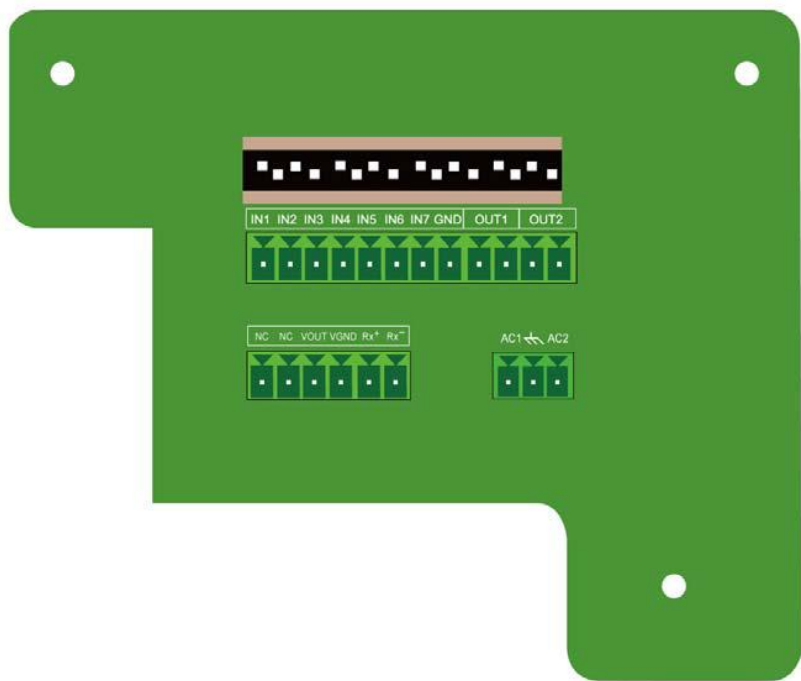
TVCC81500:

Anschlüsse Außen

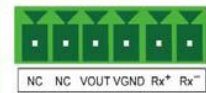


|            |        |     |     |     |                      |        |     |     |     |
|------------|--------|-----|-----|-----|----------------------|--------|-----|-----|-----|
| Sw1        | Number | 1   | 2   | 3   | 4                    | 5      | 6   | 7   | 8   |
| Switch     | Value  | 1   | 2   | 4   | 8                    | 16     | 32  | 64  | 128 |
| Rx Address | 1      | on  | off | off | off                  | off    | off | off | off |
| Rx Address | 255    | on  | on  | on  | on                   | on     | on  | on  | on  |
| Sw2        | Number | 1   | 2   | 3   | 4                    | 5      | 6   |     |     |
| 2400       | Baud   | on  | off | off | AD                   | on     | on  | on  |     |
| 4800       | Baud   | off | on  | off | RS 485               | Others |     |     |     |
| 9600       | Baud   | on  | on  | off | Only for Analog Dome |        |     |     |     |

Anschlüsse Innen:



1. Alarm In/Out Anschlüsse (7 IN/2 OUT)



2. Videoausgang und RS-485 Anschluss

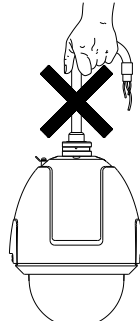


3. 24VAC Spannungsversorgung / Anschluss Masse

## 4. Installation

### Bevor Sie starten:

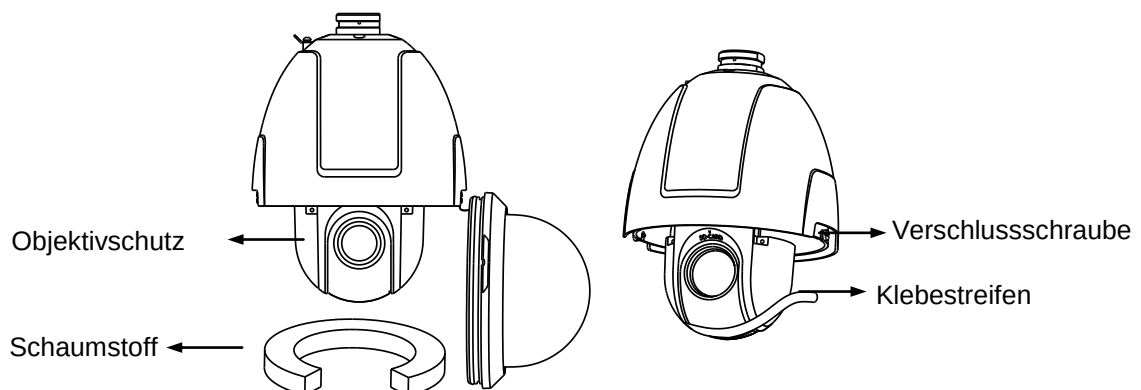
Prüfen Sie den Lieferumfang und stellen Sie sicher dass der Speed Dome nicht beschädigt ist.



Halten Sie niemals den Speed Dome am wasserdichten Kabel fest, da ansonsten die Wasserdichtigkeit beschädigt werden kann.

### 4.1 Wandmontage TVCC81100

1. Lösen Sie beide Verschlusschraube an der Seite vom Speed Dome und öffnen Sie anschließend die Kuppel.
2. Entfernen Sie den Objektivschutz, den Schaumstoff und den Klebestreifen vom Dome.

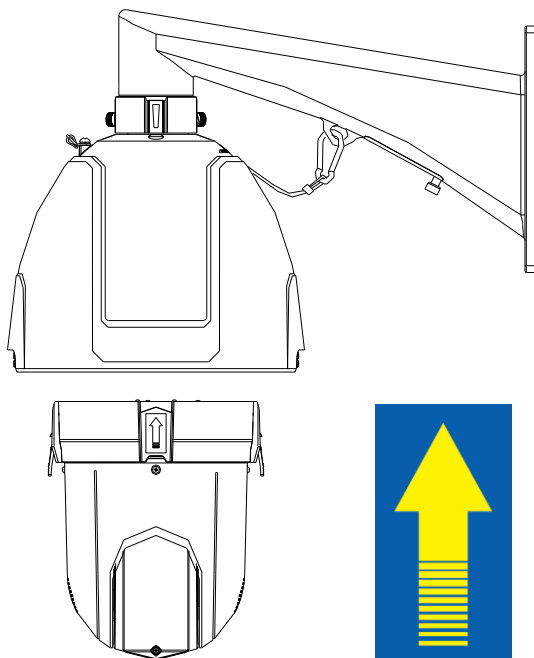


3. Entfernen Sie den Speeddome mit Hilfe der zwei seitlichen Sicherungsfedern.
4. Konfigurieren Sie die Dome Adresse, Baud Rate und weitere Einstellungen durch die DIP Schalter SW 1 und SW 2, siehe Beschreibung Punkt 3.

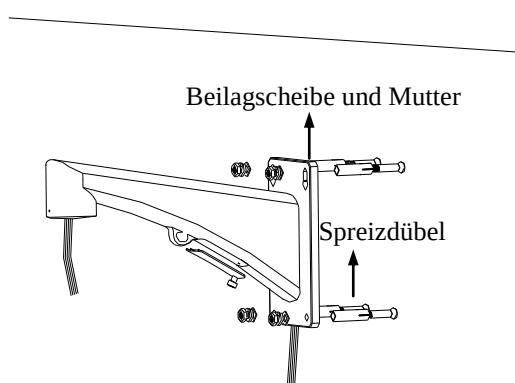


Da der Speed Dome Self-Adaptive zu PELCO-D, PELCO-P ist, ist hierfür keine Einstellung hinsichtlich des Protokolls notwendig.

5. Bringen Sie den Dome anschließend wieder im Gehäuse an und verschließen Sie die das Gehäuse.



6. Bohren Sie vier Löcher entsprechend der Halterung in die Wand und montieren Sie den Spreizdübel in der Wand.
7. Befestigen Sie die Dichtung zwischen Wand und Halterung mit Hilfe der Spreizdübel.
8. Montieren Sie die Halterung mit der Beilagscheibe und der Mutter.

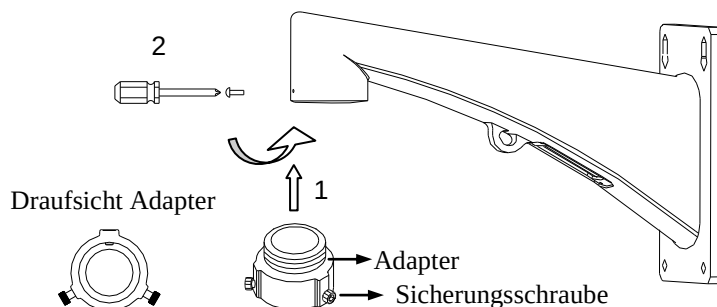


Für Steinwände sind zwingend die Spreizdübel zu verwenden. Für Holzwände können Sie Holzschrauben (Spax) verwenden.  
Bitte stellen Sie sicher dass die Wand stark genug ist, um mehr als das 8-fache des Gewichtes vom Speed Dome und der Halterung tragen zu können.

9. Befestigen Sie das Teflonband am Gewinde vom Adapter und schrauben Sie diesen anschließend in die Halterung.

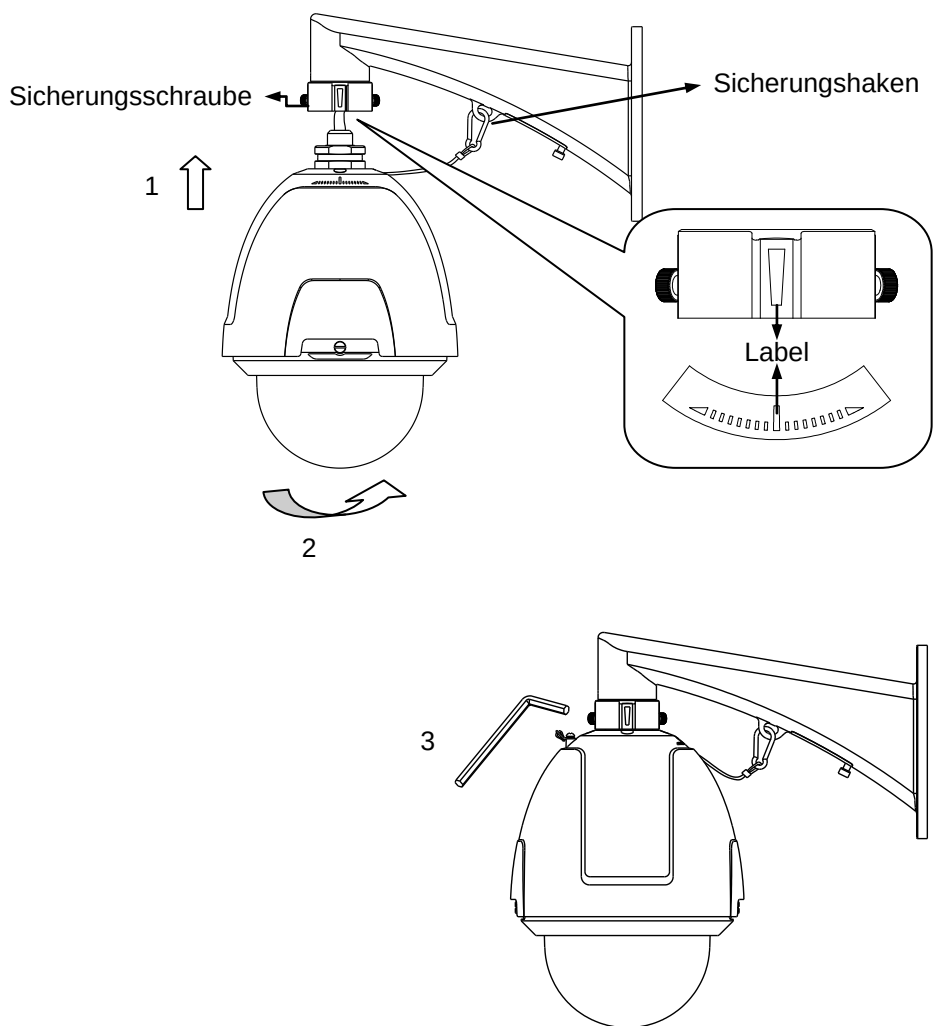


10. Fixieren Sie abschließend den Adapter mit Hilfe der Madenschraube.



11. Hängen Sie den Speed Dome mit Hilfe des Sicherungshakens am Halter ein. Führen Sie anschließend die Kabel durch den Halter hindurch.

12. Richten Sie das Label vom Adapter und dem Speed Dome aus. Drehen Sie anschließend das Gehäuse im Uhrzeigersinn fest. Sichern Sie den Adapter mit Hilfe der beiden Sicherungsschrauben.



Zum Abschluss der Installation entfernen Sie bitte die Schutzfolie an der Kuppel.

## 4.2 Deckenmontage TVCC80000

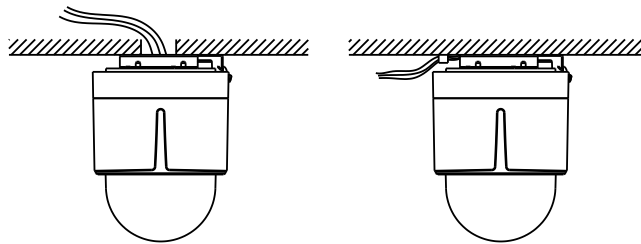
### Bevor Sie starten:

Die folgenden Punkte sind Voraussetzung für die Montage:

- Die Dicke der Decke muss mindestens 5 bis 40mm betragen
- Die Decke muss stark genug sein, um mehr als das 4-fache Gewicht vom Speed Dome und Zubehör tragen zu können

#### 1. Verlegen der Kabel

Die Kabel können entweder von oben oder von der Seite zum Speed Dome geführt werden. Möchten Sie die Kabel von oben zuführen, ist es notwendig ein für die Kabel in die Decke zu bohren.



#### 2. Montage

### Bevor Sie starten:

- Für Holzwände können Sie Holzschrauben (Spax) verwenden.
- Für Steinwände bohren Sie bitte entsprechend den Lochabständen der Montageplatte vier Löcher mit dem Ø 5 in die Decke. Bringen Sie anschließend vier passende Dübel an.

2.1 Drehen Sie die Kuppel entgegen dem Uhrzeigersinn um diese zu öffnen und zu entfernen.

2.2 Entfernen Sie den Objektivschutz, den Schaumstoff und den Klebestreifen vom Dome.

2.3 Entfernen Sie den Speeddome mit Hilfe der zwei seitlichen Sicherungsfedern.

2.4 Konfigurieren Sie die Dome Adresse, Baud Rate und weitere Einstellungen durch die DIP Schalter SW 1 und SW 2, siehe Beschreibung Punkt 3.



Da der Speed Dome Self-Adaptive zu PELCO-D, PELCO-P ist, ist hierfür keine Einstellung hinsichtlich des Protokolls notwendig.

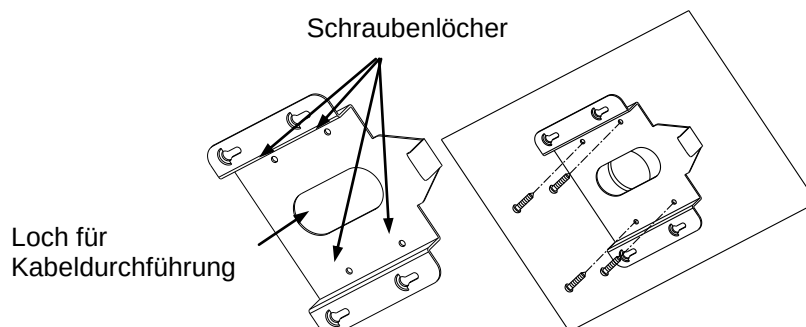
2.5 Möchten Sie Alarm Ein- und Ausgänge anschließen, öffnen Sie die Bodenplatte und schließen Sie die Kabel entsprechend dem Punkt „Beschreibung der Anschlüsse“ an.

2.6 Bringen Sie den Dome anschließend wieder im Gehäuse an und verschließen Sie die das Gehäuse.

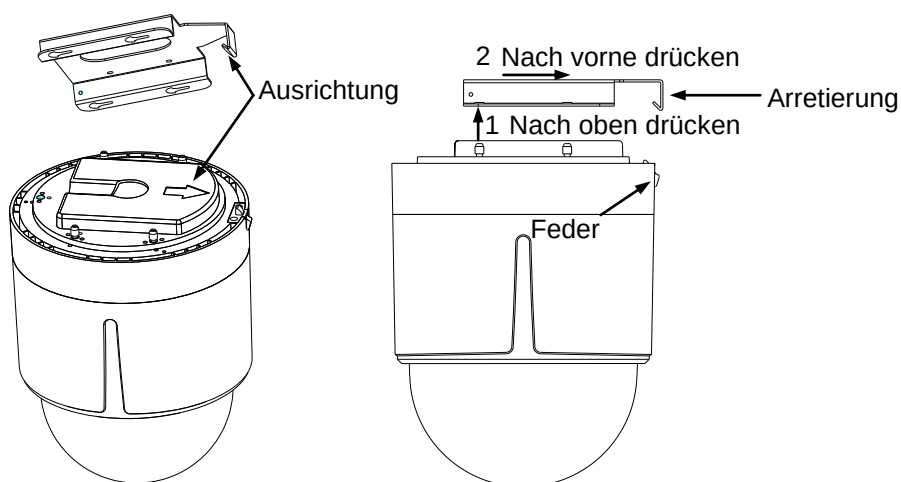
2.7 Montieren Sie anschließend die Kuppel wieder am Dome.

2.8 Nutzen Sie die Montageplatte als Vorlage um die vier Bohrlöcher zu markieren.

- 2.9 Falls Sie die Kabel von oben zuführen, markieren Sie das entsprechende Loch für die Kabel und bohren anschließend alle Löcher.



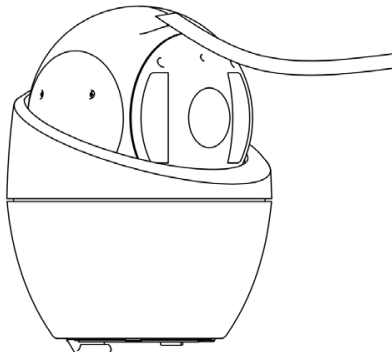
- 2.10 Installieren vom Speed Dome in der Montageplatte
- 2.11 Verlegen Sie die Kabel für den Speed Dome und richten Sie die Unterseite vom Speed Dome mit der Montageplatte entsprechend der Abbildung aus.
- 2.12 Drücken Sie den Speed Dome nach oben und anschließend nach vorne in Richtung des Pfeils. Sobald der Speed Dome sich in der richtigen Position befindet rastet die Feder automatisch an der Montageplatte ein.



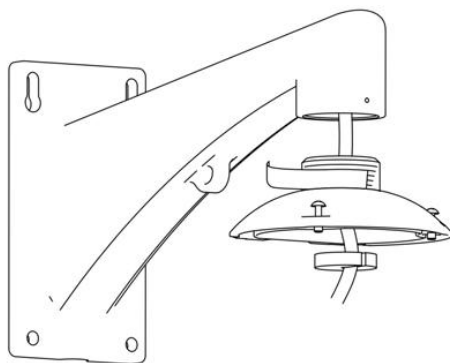
Zum Abschluss der Installation entfernen Sie bitte die Schutzfolie an der Kuppel.

### 4.3 Wandmontage TVCC81500

1. Installieren Sie die gewünschte Halterung, siehe Punkt 7 „Montage Halterungen“.
2. Entfernen Sie den Klebestreifen vom Dome.



3. Bringen Sie die Montageplatte an der Halterung an.

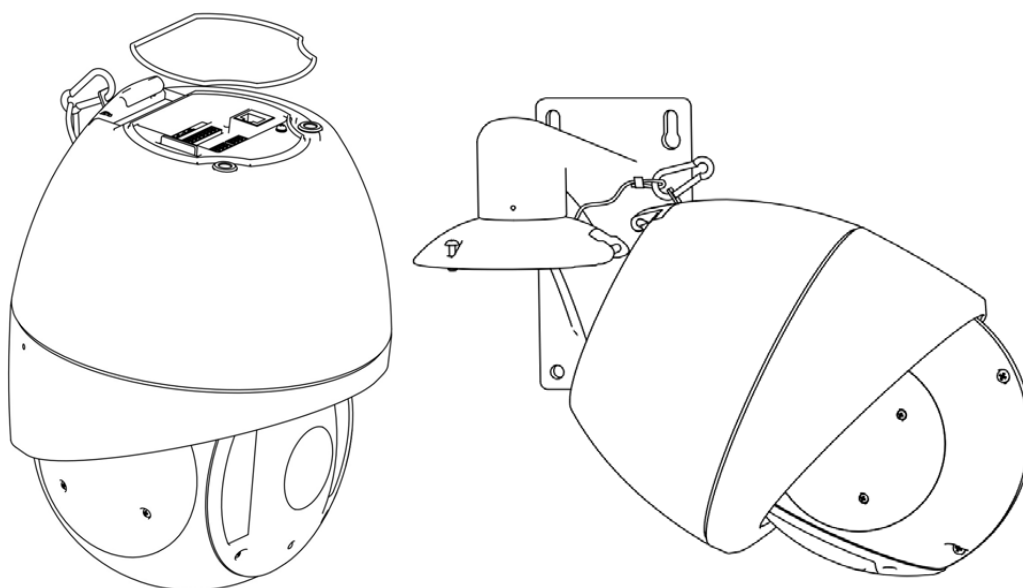


4. Konfigurieren Sie die Dome Adresse, Baud Rate und weitere Einstellungen durch die DIP Schalter SW 1 und SW 2, siehe Beschreibung Punkt 3.

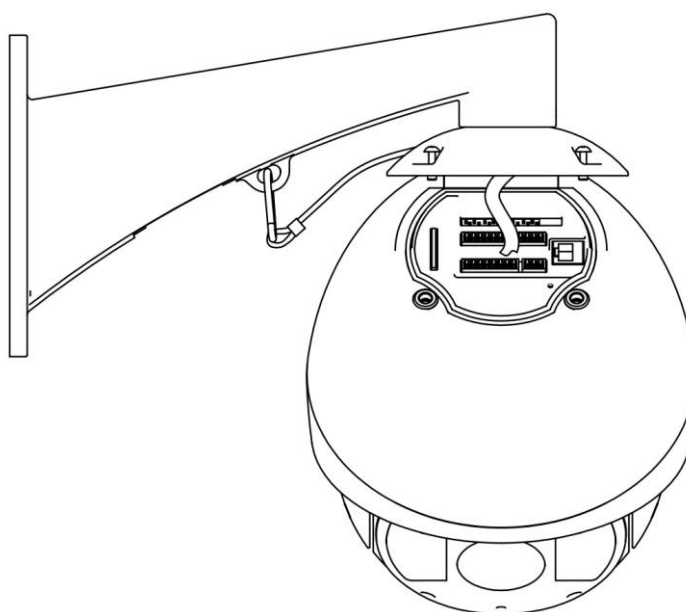


Da der Speed Dome Self-Adaptive zu PELCO-D, PELCO-P ist, ist hierfür keine Einstellung hinsichtlich des Protokolls notwendig.

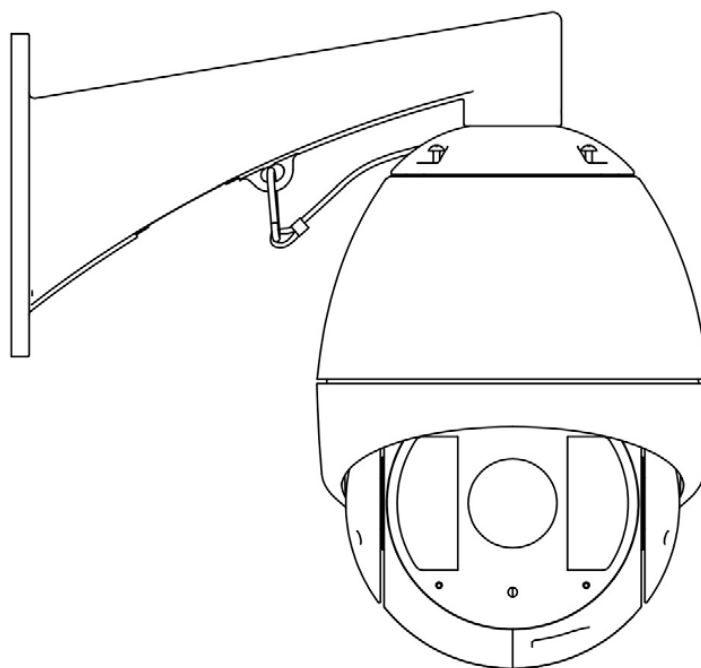
5. Bringen Sie den O-Ring an und hängen den Sicherungshaken ein.



6. Hängen Sie den Dome an der Adapterplatte ein und schließen die Verbindungskabel entsprechend an.



7. Nutzen Sie die Inbusschrauben um das Gehäuse zu verschließen und zu fixieren.



## 5. DIP Schalter Einstellungen

### 5.1 Adresse Einstellungen

Der DIP Schalter SW1 wird für die Einstellungen der Adresse vom Dome verwendet:

| Dome Adresse | SW1 Einstellungen                                                                     | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   |
|--------------|---------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0            | SW1  | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 1            | SW1  | ON  | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 255          | SW1  | ON  | ON  | ON  | ON  | ON  | ON  | ON  | ON  |

Einstellungen für die Adresse 0~71:

| SW1 Position<br>Adresse | DIP Schalter SW1 Einstellungen |     |     |     |     |     |     |     |
|-------------------------|--------------------------------|-----|-----|-----|-----|-----|-----|-----|
|                         | 1                              | 2   | 3   | 4   | 5   | 6   | 7   | 8   |
| 0                       | OFF                            | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 1                       | ON                             | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 2                       | OFF                            | ON  | OFF | OFF | OFF | OFF | OFF | OFF |
| 3                       | ON                             | ON  | OFF | OFF | OFF | OFF | OFF | OFF |
| 4                       | OFF                            | OFF | ON  | OFF | OFF | OFF | OFF | OFF |
| 5                       | ON                             | OFF | ON  | OFF | OFF | OFF | OFF | OFF |
| 6                       | OFF                            | ON  | ON  | OFF | OFF | OFF | OFF | OFF |
| 7                       | ON                             | ON  | ON  | OFF | OFF | OFF | OFF | OFF |
| 8                       | OFF                            | OFF | OFF | ON  | OFF | OFF | OFF | OFF |
| 9                       | ON                             | OFF | OFF | ON  | OFF | OFF | OFF | OFF |
| 10                      | OFF                            | ON  | OFF | ON  | OFF | OFF | OFF | OFF |
| 11                      | ON                             | ON  | OFF | ON  | OFF | OFF | OFF | OFF |
| 12                      | OFF                            | OFF | ON  | ON  | OFF | OFF | OFF | OFF |
| 13                      | ON                             | OFF | ON  | ON  | OFF | OFF | OFF | OFF |
| 14                      | OFF                            | ON  | ON  | ON  | OFF | OFF | OFF | OFF |
| 15                      | ON                             | ON  | ON  | ON  | OFF | OFF | OFF | OFF |
| 16                      | OFF                            | OFF | OFF | OFF | ON  | OFF | OFF | OFF |
| 17                      | ON                             | OFF | OFF | OFF | ON  | OFF | OFF | OFF |
| 18                      | OFF                            | ON  | OFF | OFF | ON  | OFF | OFF | OFF |
| 19                      | ON                             | ON  | OFF | OFF | ON  | OFF | OFF | OFF |
| 20                      | OFF                            | OFF | ON  | OFF | ON  | OFF | OFF | OFF |
| 21                      | ON                             | OFF | ON  | OFF | ON  | OFF | OFF | OFF |
| 22                      | OFF                            | ON  | ON  | OFF | ON  | OFF | OFF | OFF |
| 23                      | ON                             | ON  | ON  | OFF | ON  | OFF | OFF | OFF |
| 24                      | OFF                            | OFF | OFF | ON  | ON  | OFF | OFF | OFF |
| 25                      | ON                             | OFF | OFF | ON  | ON  | OFF | OFF | OFF |
| 26                      | OFF                            | ON  | OFF | ON  | ON  | OFF | OFF | OFF |
| 27                      | ON                             | ON  | OFF | ON  | ON  | OFF | OFF | OFF |
| 28                      | OFF                            | OFF | ON  | ON  | ON  | OFF | OFF | OFF |
| 29                      | ON                             | OFF | ON  | ON  | ON  | OFF | OFF | OFF |
| 30                      | OFF                            | ON  | ON  | ON  | ON  | OFF | OFF | OFF |
| 31                      | ON                             | ON  | ON  | ON  | ON  | OFF | OFF | OFF |
| 32                      | OFF                            | OFF | OFF | OFF | OFF | ON  | OFF | OFF |
| 33                      | ON                             | OFF | OFF | OFF | OFF | ON  | OFF | OFF |
| 34                      | OFF                            | ON  | OFF | OFF | OFF | ON  | OFF | OFF |
| 35                      | ON                             | ON  | OFF | OFF | OFF | ON  | OFF | OFF |
| 36                      | OFF                            | OFF | ON  | OFF | OFF | ON  | OFF | OFF |
| 37                      | ON                             | OFF | ON  | OFF | OFF | ON  | OFF | OFF |
| 38                      | OFF                            | ON  | ON  | OFF | OFF | ON  | OFF | OFF |
| 39                      | ON                             | ON  | ON  | OFF | OFF | ON  | OFF | OFF |

|    |     |     |     |     |     |     |     |     |
|----|-----|-----|-----|-----|-----|-----|-----|-----|
| 40 | OFF | OFF | OFF | ON  | OFF | ON  | OFF | OFF |
| 41 | ON  | OFF | OFF | ON  | OFF | ON  | OFF | OFF |
| 42 | OFF | ON  | OFF | ON  | OFF | ON  | OFF | OFF |
| 43 | ON  | ON  | OFF | ON  | OFF | ON  | OFF | OFF |
| 44 | OFF | OFF | ON  | ON  | OFF | ON  | OFF | OFF |
| 45 | ON  | OFF | ON  | ON  | OFF | ON  | OFF | OFF |
| 46 | OFF | ON  | ON  | ON  | OFF | ON  | OFF | OFF |
| 47 | ON  | ON  | ON  | ON  | OFF | ON  | OFF | OFF |
| 48 | OFF | OFF | OFF | OFF | ON  | ON  | OFF | OFF |
| 49 | ON  | OFF | OFF | OFF | ON  | ON  | OFF | OFF |
| 50 | OFF | ON  | OFF | OFF | ON  | ON  | OFF | OFF |
| 51 | ON  | ON  | OFF | OFF | ON  | ON  | OFF | OFF |
| 52 | OFF | OFF | ON  | OFF | ON  | ON  | OFF | OFF |
| 53 | ON  | OFF | ON  | OFF | ON  | ON  | OFF | OFF |
| 54 | OFF | ON  | ON  | OFF | ON  | ON  | OFF | OFF |
| 55 | ON  | ON  | ON  | OFF | ON  | ON  | OFF | OFF |
| 56 | OFF | OFF | OFF | ON  | ON  | ON  | OFF | OFF |
| 57 | ON  | OFF | OFF | ON  | ON  | ON  | OFF | OFF |
| 58 | OFF | ON  | OFF | ON  | ON  | ON  | OFF | OFF |
| 59 | ON  | ON  | OFF | ON  | ON  | ON  | OFF | OFF |
| 60 | OFF | OFF | ON  | ON  | ON  | ON  | OFF | OFF |
| 61 | ON  | OFF | ON  | ON  | ON  | ON  | OFF | OFF |
| 62 | OFF | ON  | ON  | ON  | ON  | ON  | OFF | OFF |
| 63 | ON  | ON  | ON  | ON  | ON  | ON  | OFF | OFF |
| 64 | OFF | OFF | OFF | OFF | OFF | OFF | ON  | OFF |
| 65 | ON  | OFF | OFF | OFF | OFF | OFF | ON  | OFF |
| 66 | OFF | ON  | OFF | OFF | OFF | OFF | ON  | OFF |
| 67 | ON  | ON  | OFF | OFF | OFF | OFF | ON  | OFF |
| 68 | OFF | OFF | ON  | OFF | OFF | OFF | ON  | OFF |
| 69 | ON  | OFF | ON  | OFF | OFF | OFF | ON  | OFF |
| 70 | OFF | ON  | ON  | OFF | OFF | OFF | ON  | OFF |
| 71 | ON  | ON  | ON  | OFF | OFF | OFF | ON  | OFF |

5.2 Baud Rate Einstellungen

Die Position 1-3 der DIP Schalter SW2 werden für die Einstellung der Baud Rate vom Dome genutzt.

| DIP Schalter SW2-Baud Rate Einstellungen |                           |  |     |     |     |
|------------------------------------------|---------------------------|--|-----|-----|-----|
| Baud Rate                                | Position1-3 Einstellungen |  | 1   | 2   | 3   |
| 2400                                     | SW2                       |  | ON  | OFF | OFF |
| 4800                                     | SW2                       |  | OFF | ON  | OFF |
| 9600                                     | SW2                       |  | ON  | ON  | OFF |
| 19200<br>(nur TVCC8x000)                 | SW2                       |  | OFF | OFF | ON  |
| 38400<br>(nur TVCC8x000)                 | SW2                       |  | ON  | OFF | ON  |

5.3 Protokoll Einstellungen

Die Position 4-6 der DIP Schalter SW2 werden für die Einstellung vom Protokoll des Domes genutzt.

| DIP Schalter SW2-Protokoll Einstellungen |                               |                                                                                     |     |    |    |
|------------------------------------------|-------------------------------|-------------------------------------------------------------------------------------|-----|----|----|
| Protokoll                                | Position 4-6<br>Einstellungen |                                                                                     | 4   | 5  | 6  |
| Bosch Manchester                         | SW<br>2                       |  | OFF | ON | ON |
| AD Manchester                            | SW<br>2                       |  | ON  | ON | ON |
| Self-adaptive                            | Andere                        |                                                                                     |     |    |    |



5.4 Simplex/Halbduplex Einstellungen

Die Position 7 vom DIP Schalter SW2 für die Einstellung der Kommunikation genutzt.

| DIP Schalter SW2-Simplex/Halbduplex Einstellungen |                                                                                       |     |
|---------------------------------------------------|---------------------------------------------------------------------------------------|-----|
| Beschreibung                                      | Position 7 Einstellungen                                                              | 7   |
| Simplex                                           | SW2  | OFF |
| Half-duplex                                       | SW2  | ON  |

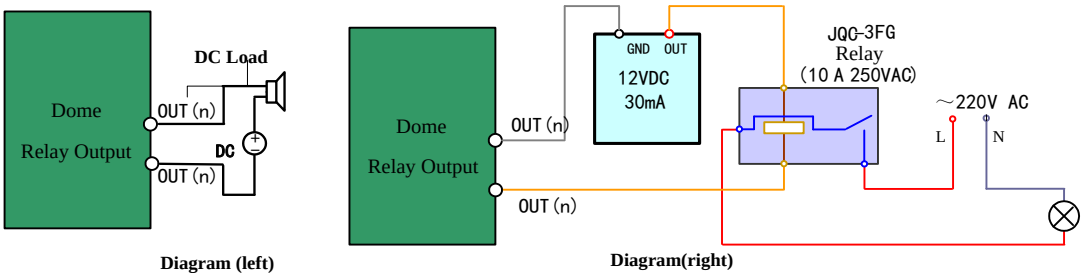
5.5 Abschlusswiderstand Einstellung

Die Position 8 vom DIP Schalter SW2 für die Einstellung vom Abschlusswiderstand genutzt.

| DIP Schalter SW2-Abschlusswiderstand Einstellungen |                                                                                       |     |
|----------------------------------------------------|---------------------------------------------------------------------------------------|-----|
| Beschreibung                                       | Position 8 Einstellungen                                                              | 8   |
| Nein                                               | SW2  | OFF |
| Ja                                                 | SW2  | ON  |

6. Alarm IN/OUT

6.1 Schaltplan



Schaltplan links:

Hiermit können Endverbraucher mit folgender Last geschalten werden.  
DC: Max. 12VDC, 30mA

Schaltplan rechts:

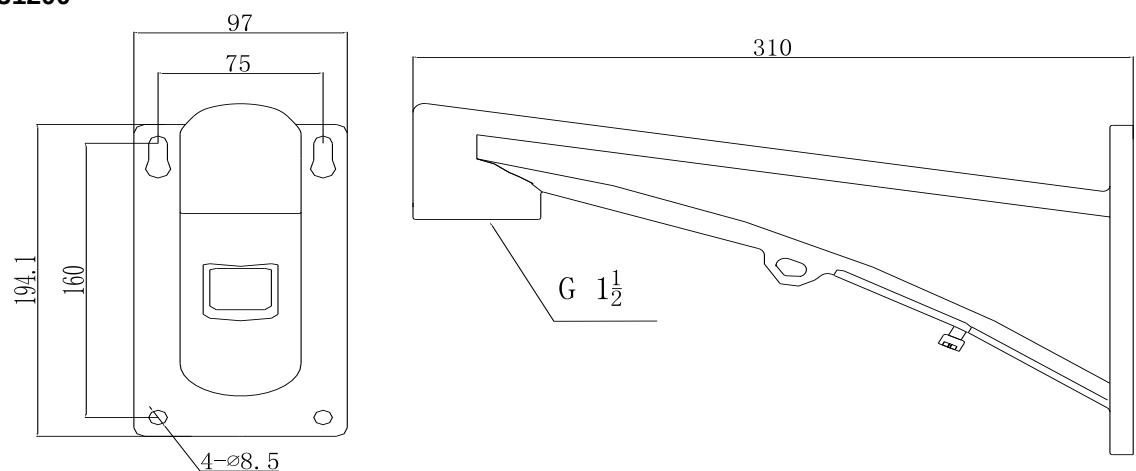
Es muss ein externes Relais genutzt werden um elektrische Schäden am Dome zu vermeiden.

7. Montage Halterungen

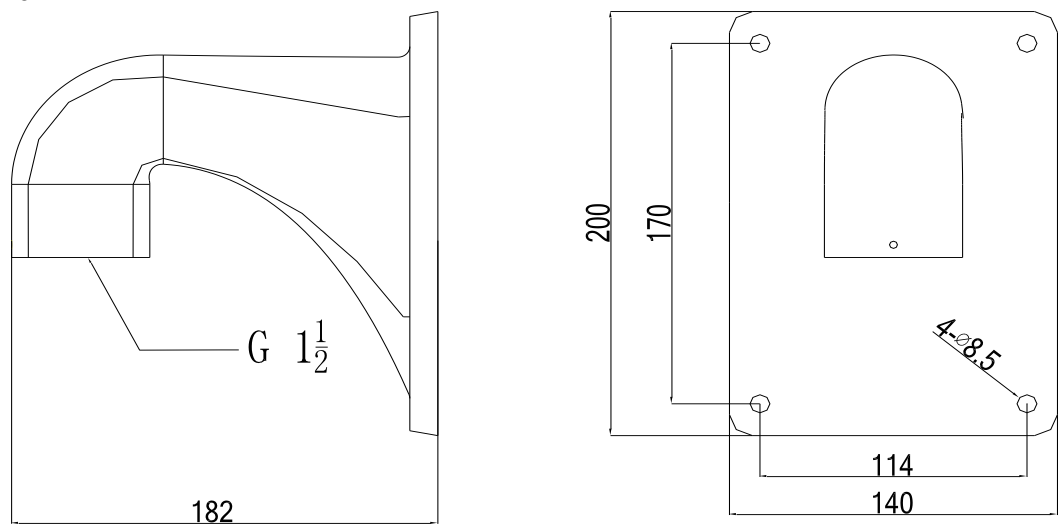
7.1 Montage Wandhalter (TVAC31200 / TVAC31210)

7.1.1 Abmessungen

TVAC31200



TVAC31210

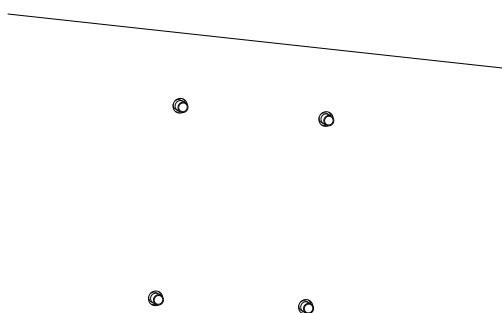


## 7.1.2 Montage

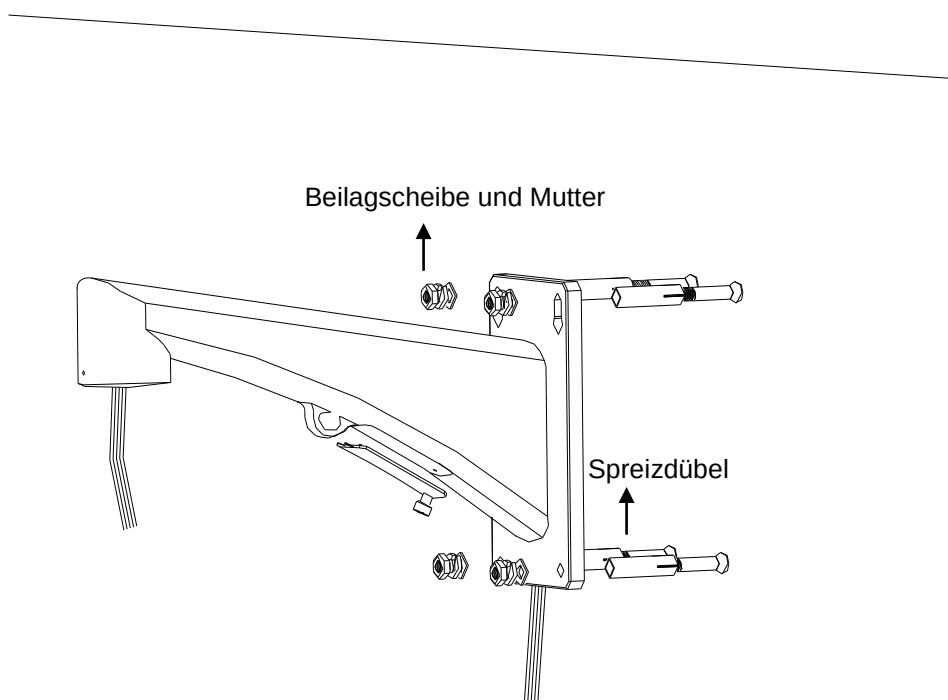
**Bevor Sie starten:**

- Die Wand muss dick genug sein um die Spreizdübel montieren zu können
- Bitte stellen Sie sicher dass die Wand stark genug ist, um mehr als das 8-fache des Gewichtes vom Speed Dome und der Halterung tragen zu können.

1. Bohren Sie vier Löcher entsprechend den Abmessungen in die Wand und montieren Sie anschließend die Spreizdübel.



2. Befestigen Sie die Dichtung zwischen Wand und Halterung mit Hilfe der Spreizdübel.
3. Montieren Sie die Halterung mit der Beilagscheibe und der Mutter.

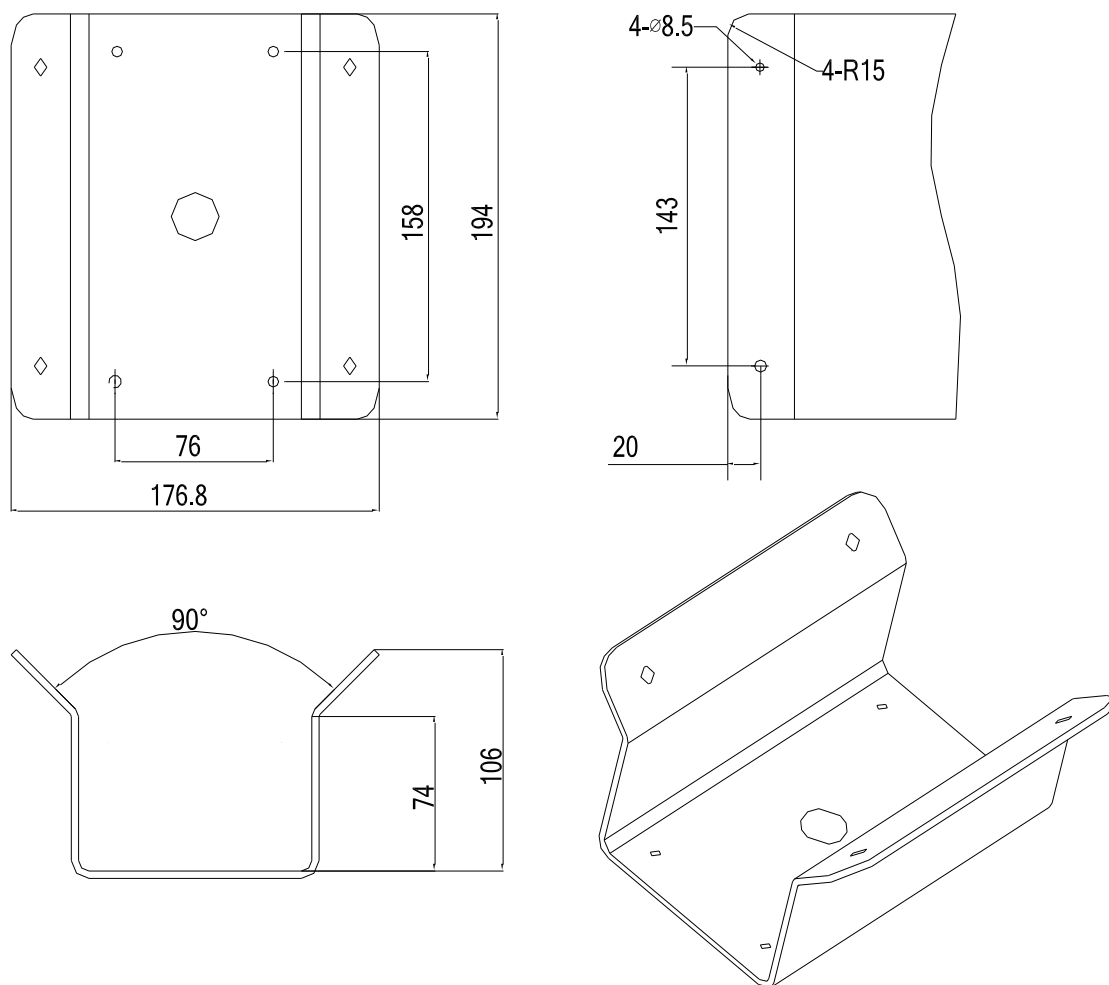


Die Installation für TVAC31210 ist identisch.

## 7.2 Montage Eckenhalter (TVAC31220)

### 7.2.1 Abmessungen

#### TVAC31220

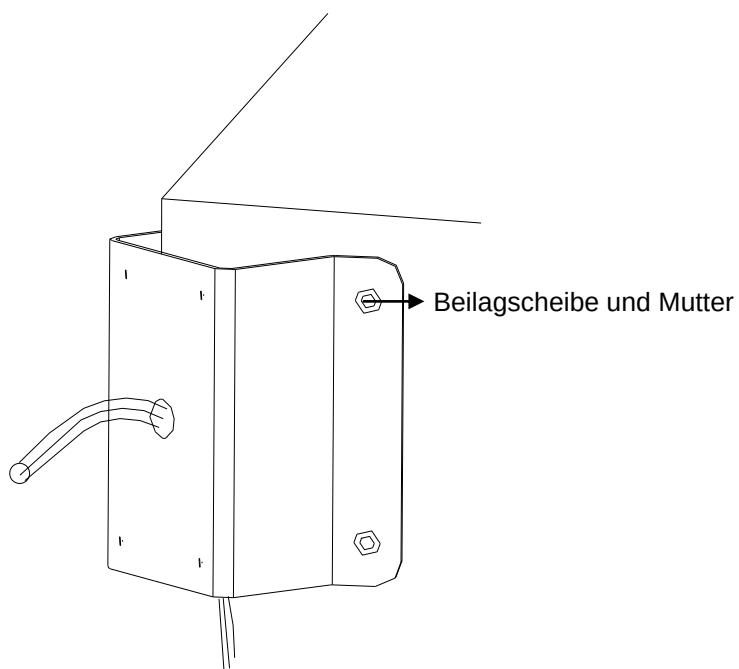


### 5.2.2 Montage

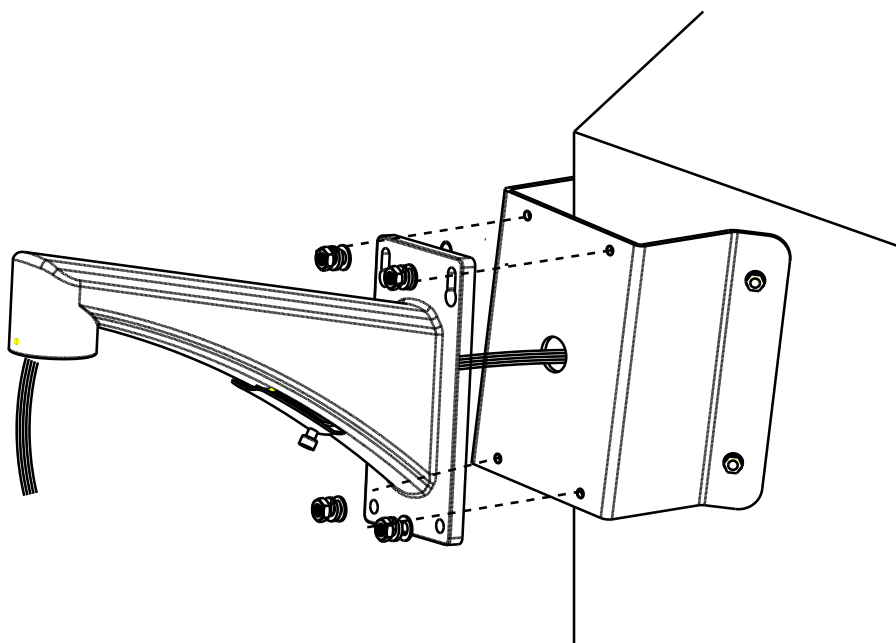
#### Bevor Sie starten:

- Die Wand muss dick genug sein um die Spreizdübel montieren zu können
- Bitte stellen Sie sicher dass die Wand stark genug ist, um mehr als das 8-fache des Gewichtes vom Speed Dome und der Halterung tragen zu können.

1. Bohren Sie vier Löcher entsprechend den Abmessungen in die Wand und montieren Sie anschließend passende Spreizdübel.
2. Ziehen Sie die Anschlusskabel durch das mittlere Loch des Eckenhalters
3. Bringen Sie den Eckenhalter an der Ecke in Position
4. Befestigen Sie den Adapter mit den Beilagscheiben und den Muttern.



5. Bringen Sie die Dichtung zwischen Eckenhalter und Wandhalter an
6. Schrauben Sie den Wandhalter mit Hilfe der vier Gewindeschrauben und Federscheibe fest



7. Fahren Sie mit der Montage vom Speed Dome fort

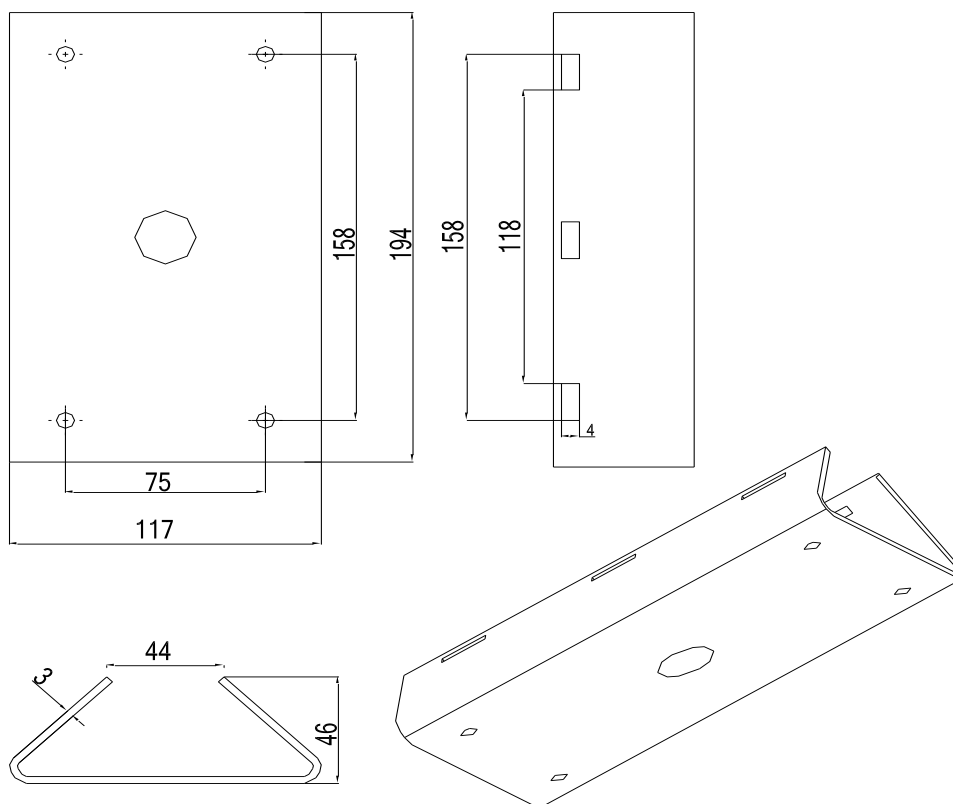


Weitere Hinweise für die Montage vom Speed Dome finden Sie im Kapitel 4.

## 7.3 Montage Masthalter (TVAC31230)

### 7.3.1 Abmessungen

#### TVAC3130

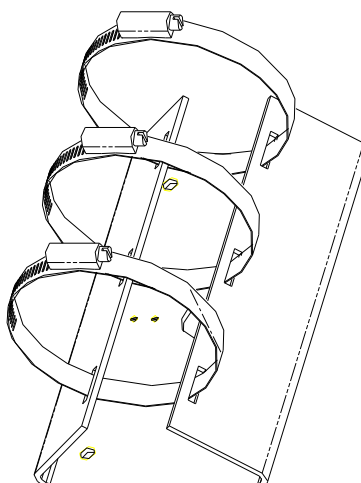


### 7.3.2 Montage

#### Bevor Sie starten:

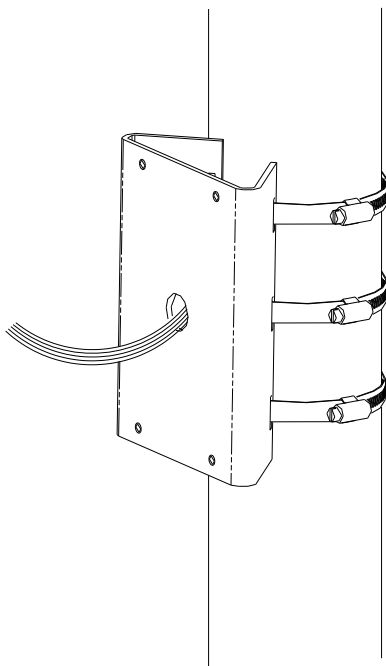
- Der Durchmesser der Edelstahlschelle muss dem Durchmesser vom Mast entsprechen
- Bitte stellen Sie sicher dass der Mast stark genug ist, um mehr als das 8-fache des Gewichtes vom Speed Dome und der Halterung tragen zu können.

1. Lösen Sie die Schrauben der Edelstahlschelle mit einem Schraubenzieher
2. Führen Sie diese durch die Öffnungen im Masthalter

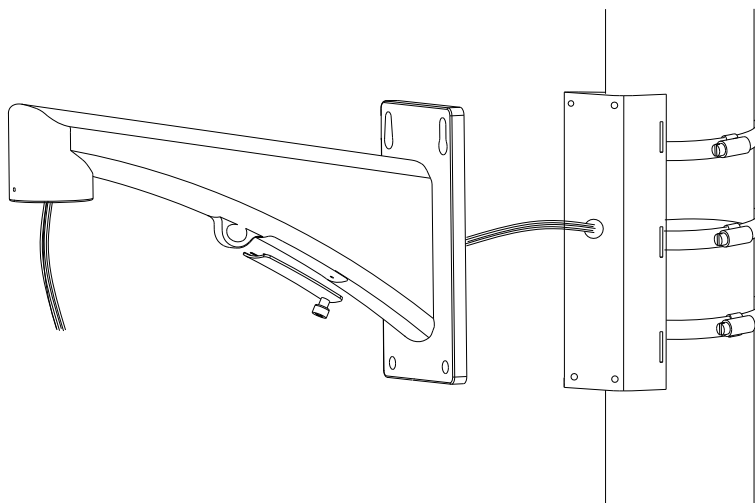


3. Ziehen Sie die Anschlusskabel durch das mittlere Loch des Masthalter

4. Sichern Sie die Edelstahlschelle am Mast durch festziehen der Schrauben



5. Bringen Sie die Dichtung zwischen Masthalter und Wandhalter an
6. Schrauben Sie den Wandhalter mit Hilfe der vier Gewindeschrauben und Federscheibe fest



7. Fahren Sie mit der Montage vom Speed Dome fort

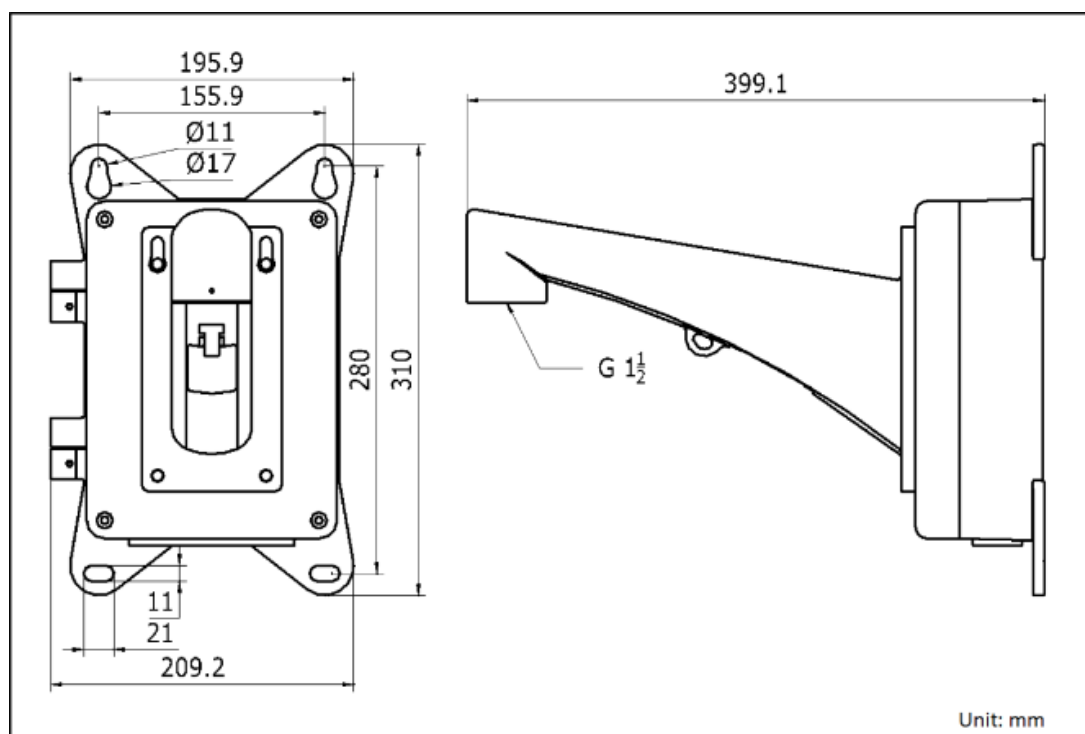


Weitere Hinweise für die Montage vom Speed Dome finden Sie im Kapitel 4.

## 7.4 Montage Wandhalter inkl. Montage Netzteil (TVAC31240)

### 7.4.1 Abmessungen

#### TVAC31240

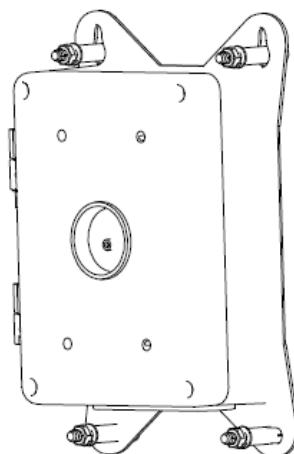


### 7.4.2 Montage

#### Bevor Sie starten:

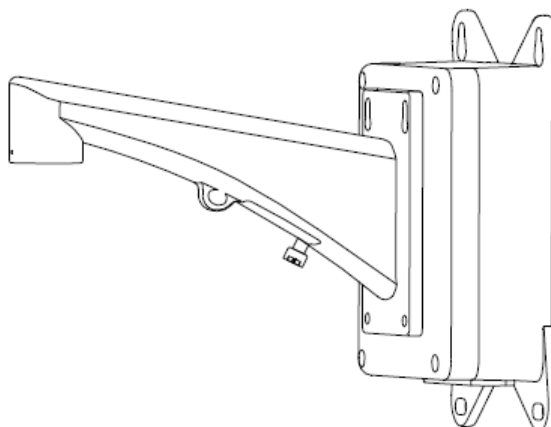
- Die Wand muss dick genug sein um die Spreizdübel montieren zu können
- Bitte stellen Sie sicher dass die Wand stark genug ist, um mehr als das 8-fache des Gewichtes vom Speed Dome und der Halterung tragen zu können.

1. Bohren Sie vier Löcher entsprechend der Abmaße in der obigen Abbildung.
2. Bringen Sie die Spreizdübel an

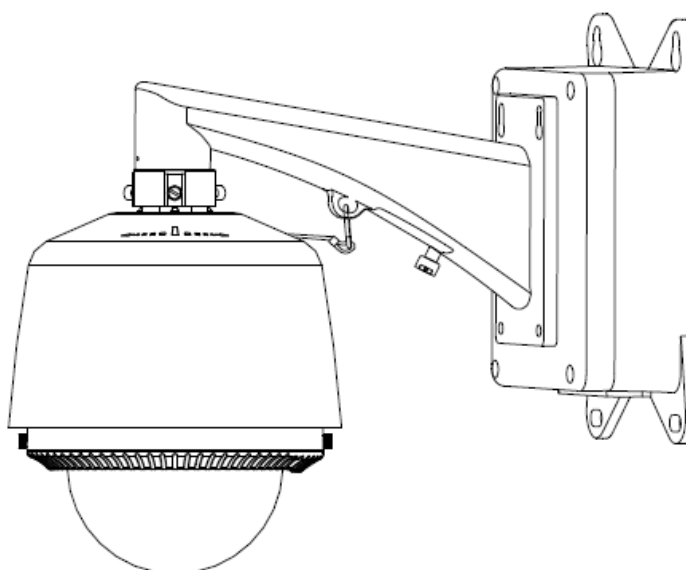




3. Montieren Sie die Wandhalterung



4. Führen Sie alle Leitungen durch die Montagebox für das Netzteil und schließen Sie den Speed Dome entsprechend an.



Weitere Hinweise für die Montage vom Speed Dome finden Sie im Kapitel 5.

**Eine ausführliche Anleitung finden Sie im PDF Format auf der beigelegten CD.**

## 1. Information before installation

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>The triangular high voltage symbol is used to warn of the risk of injury or health hazards (e.g. caused by electric shock).</p>                                 |  <p>The triangular warning symbol indicates important notes in this user guide which must be observed.</p>                                                    |
| <p>Please use the power supply unit included with the scope of delivery.</p>                                                                                                                                                                         | <p>Do not drop the dome and ensure it cannot be knocked. Avoid installation on vibrating surfaces.</p>                                                                                                                                         |
| <p>Do not connect several domes to one power supply unit, as this could cause an overload or a risk of fire.</p>                                                                                                                                     | <p>Avoid installation in extremely hot, cold, dusty or moist locations, as otherwise a fire or electric shock could occur. The operating temperature should remain between –30 °C ~ 65 °C (outdoor dome) and –10 °C ~ 50 °C (indoor dome).</p> |
| <p>Make sure that the power supply has been disconnected before connecting the power supply unit or opening the Speed Dome.</p>                                                                                                                      | <p>The dome for the indoor dome must be protected from rain and moisture.</p>                                                                                                                                                                  |
| <p>Should smoke, odours or noises be emitted by the Speed Dome, please switch the device off immediately and consult our technical support.</p>                                                                                                      | <p>Please use the enclosed gloves when opening the Speed Dome. Avoid direct contact with the dome, as this could otherwise be damaged.</p>                                                                                                     |
| <p>If the product is not functioning properly, please consult your retailer or our technical support. Never attempt to disassemble the Speed Dome.</p> <p>We assume no liability for problems caused by unauthorised repair or maintenance work.</p> | <p>Please keep the packaging and foam. In the event of a fault, the Speed Dome must be returned in its original packaging. Transport without the original packaging could damage the Speed Dome and cause additional costs.</p>                |

2. Scope of delivery

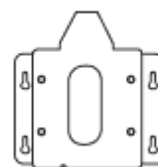
2.1 TVCC80000



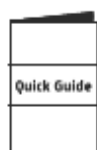
Day/Night PTZ 23x dome camera



Power supply unit



Adapter panel



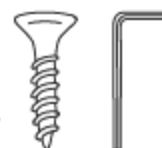
Quick guide



Gloves

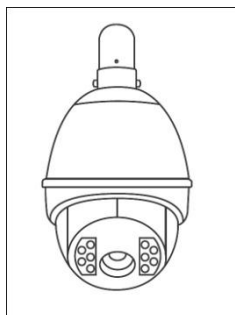


CD



Installation material

2.2 TVCC81000 / TVCC81500

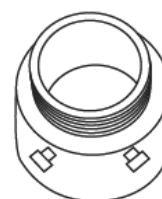


Day/night PTZ 23x outdoor dome camera

WDR DNR IR PTZ 36x outdoor dome camera



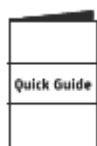
Power supply unit



Adapter



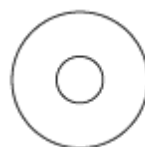
Teflon tape



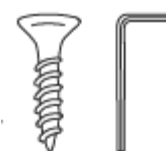
Quick guide



Gloves



CD

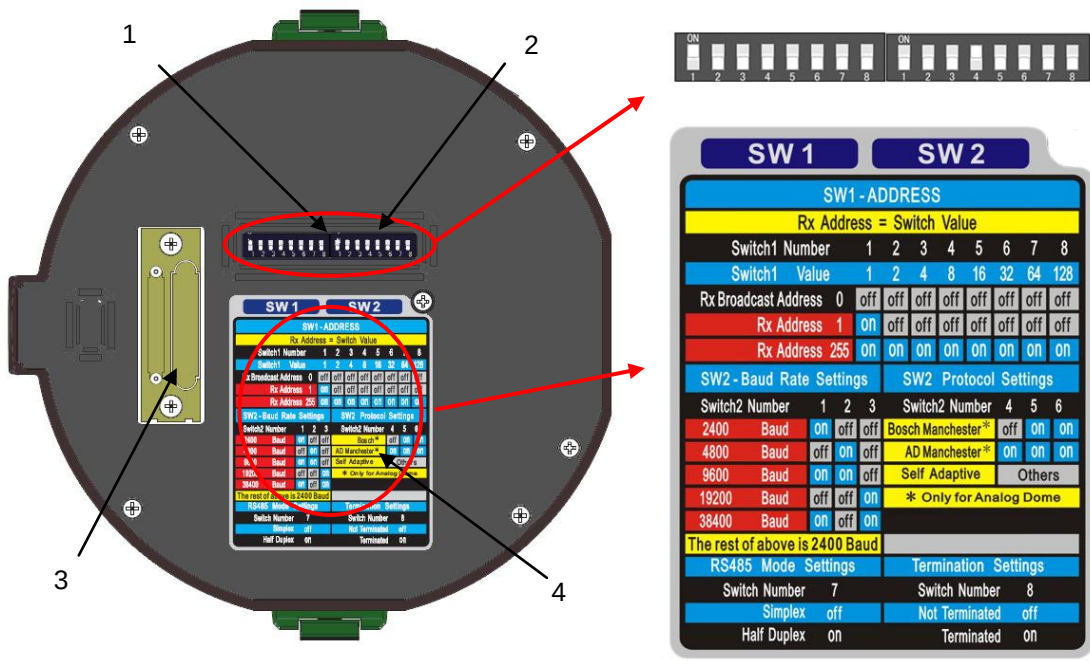


Installation material

3. Description of the connections

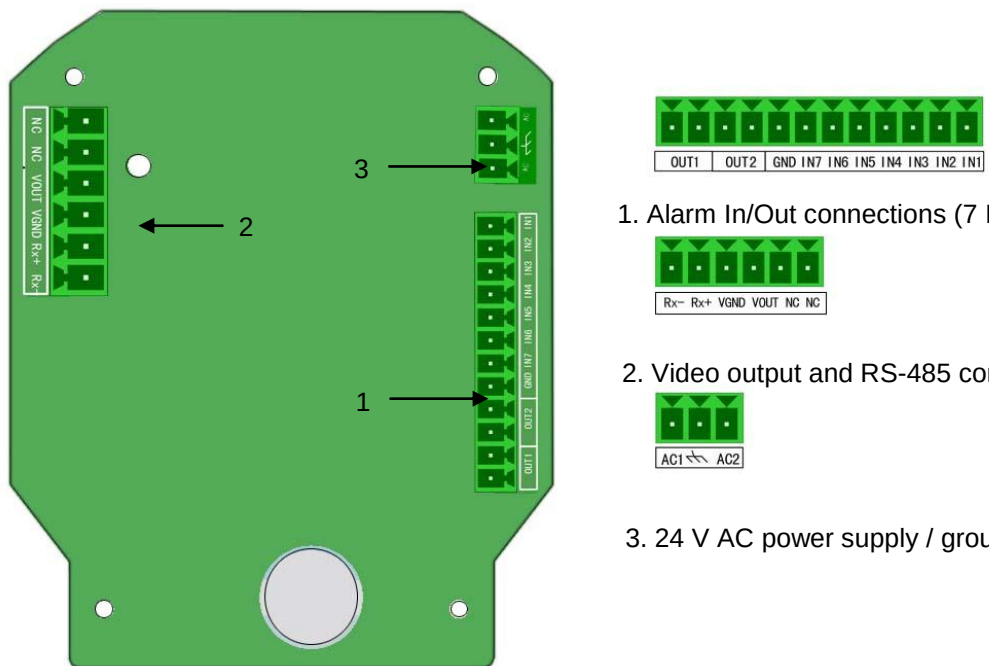
TVCC80000 / TVCC81000:

Outer connections



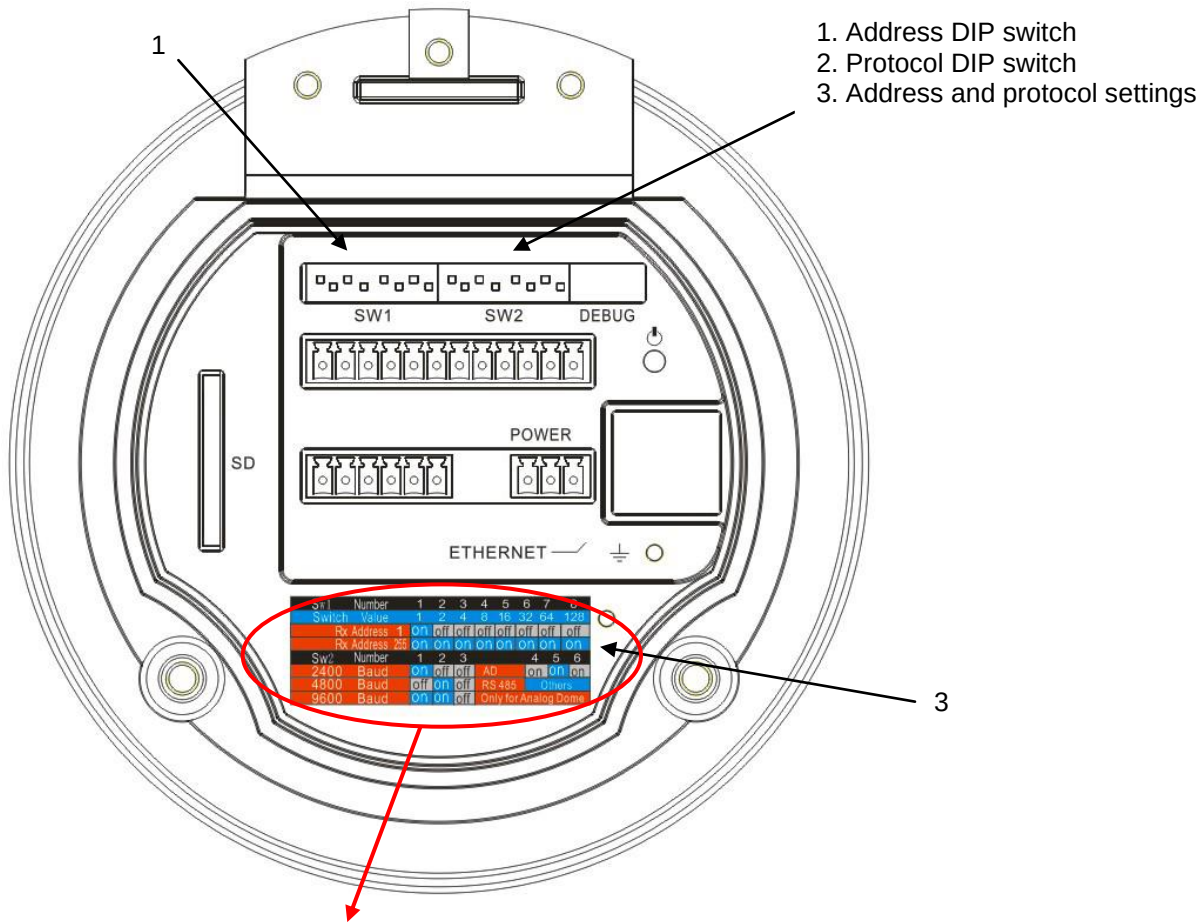
- 1. Address DIP switch
- 2. Protocol DIP switch
- 3. Plug connection
- 4. Address and protocol settings

Inner connections



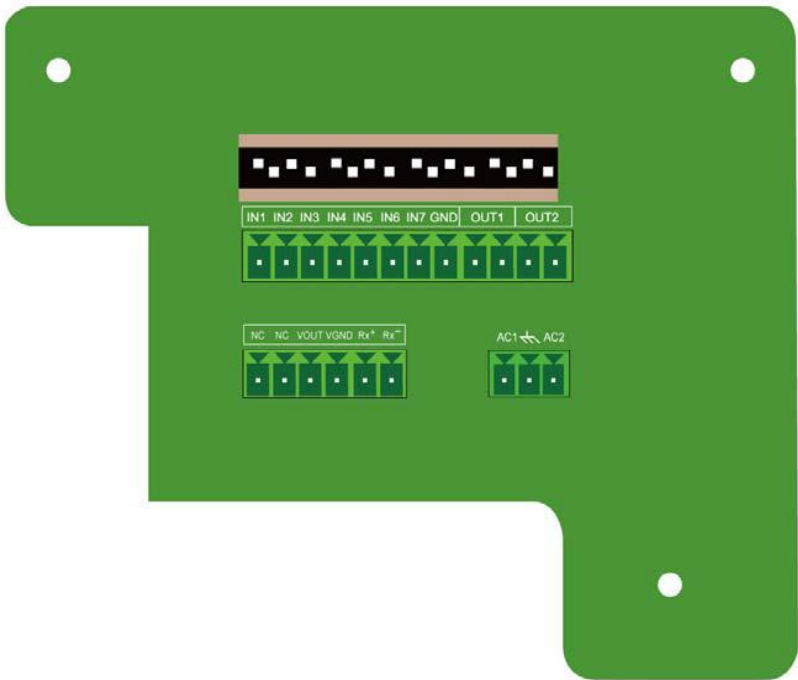
TVCC81500:

Outer connections



| Sw1    | Number         | 1   | 2   | 3   | 4                    | 5   | 6   | 7      | 8   |    |
|--------|----------------|-----|-----|-----|----------------------|-----|-----|--------|-----|----|
| Switch | Value          | 1   | 2   | 4   | 8                    | 16  | 32  | 64     | 128 |    |
|        | Rx Address 1   | on  | off | off | off                  | off | off | off    | off |    |
|        | Rx Address 255 | on  | on  | on  | on                   | on  | on  | on     | on  |    |
| Sw2    | Number         | 1   | 2   | 3   |                      |     |     | 4      | 5   | 6  |
| 2400   | Baud           | on  | off | off | AD                   |     |     | on     | on  | on |
| 4800   | Baud           | off | on  | off | RS 485               |     |     | Others |     |    |
| 9600   | Baud           | on  | on  | off | Only for Analog Dome |     |     |        |     |    |

Inner connections



1. Alarm In/Out connections (7 IN / 2 OUT)



2. Video output and RS-485 connection

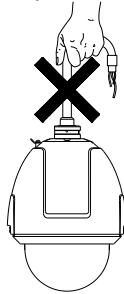


3. 24 V AC power supply / ground connection

## 4. Installation

### Before starting:

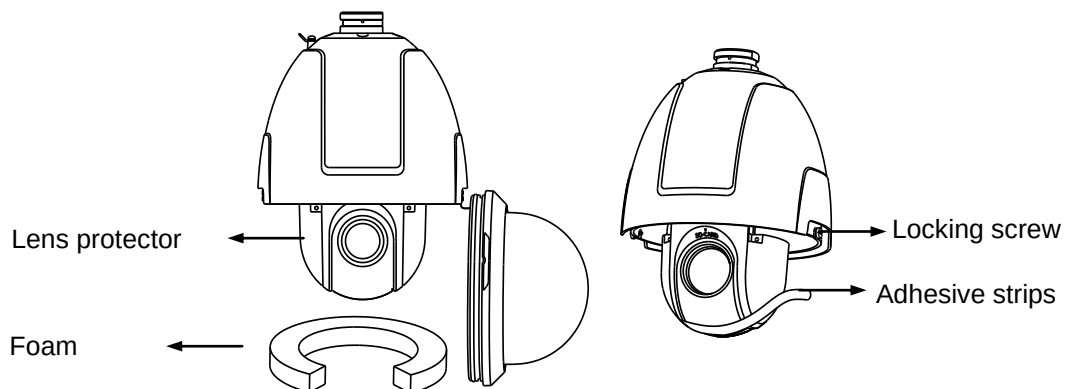
Check the scope of delivery and ascertain that the Speed Dome is not damaged.



Never hold the Speed Dome by its waterproof cable, as otherwise its water retardant properties could be compromised.

### 4.1 Installation on the wall TVCC81100

1. Undo both the locking screws on the side of the Speed Dome and then open the dome.
2. Remove the lens protector, the foam and the adhesive strips from the dome.

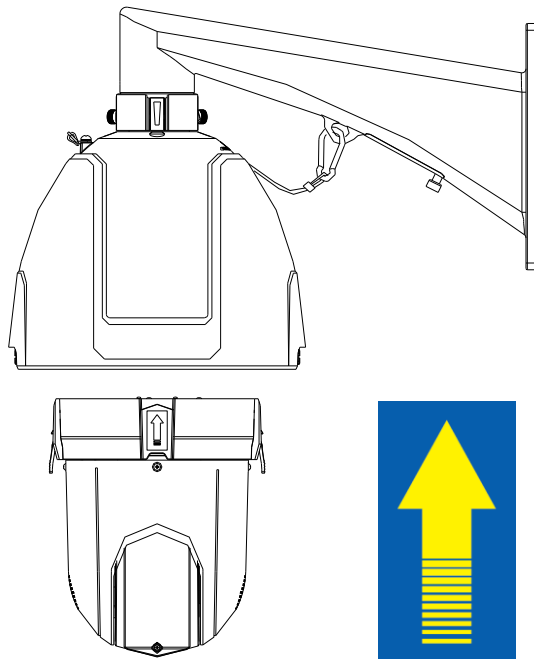


3. Remove the speed dome using the two securing springs at the side.
4. Configure the dome address, baud rate and other settings using the SW 1 and SW 2 DIP switches, see description, point 3).

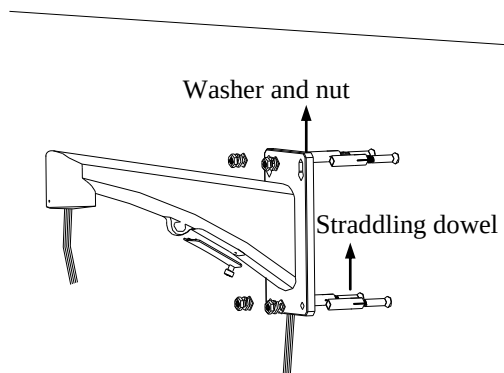


As the speed dome adapts automatically to PELCO-D and PELCO-P no setting with regard to the protocol is required here.

5. Place the dome back in the housing and close the housing.



6. Drill four holes in the wall to match the mount, and push the straddling dowels into the wall.
7. Attach the seal between the wall and mount using the straddling dowels to help you.
8. Install the mount using the washer and the nut.

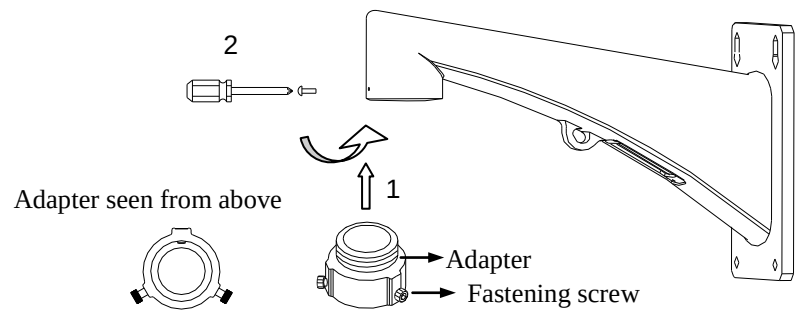


The straddling dowels must be used for stone walls. Wood screws (self-tapping) can be used for wooden walls. Make sure that the wall is strong enough to bear more than 8 times the weight of the Speed Dome and its mount.

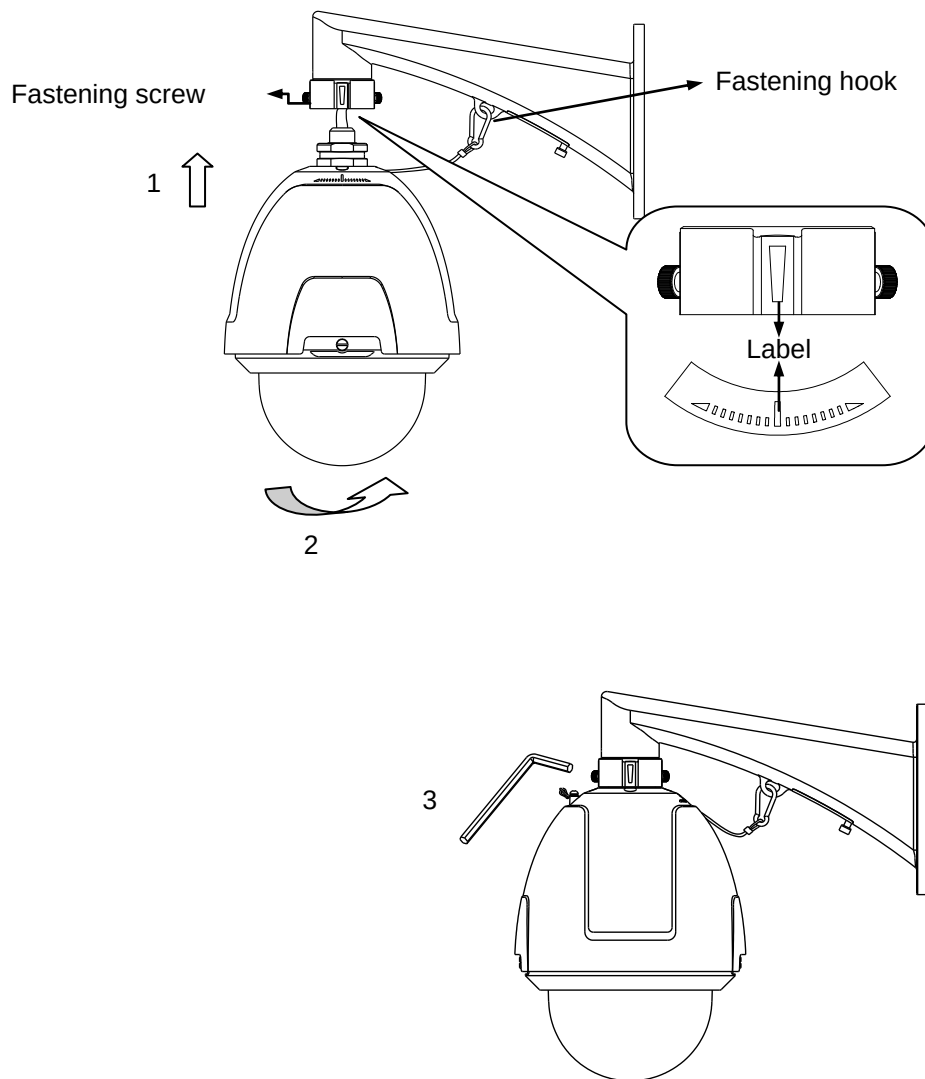
9. Attach the Teflon strip to the thread of the adapter and then screw this into the mount.



10. Then fasten the adapter using the grub screw to help you.



11. Hang the Speed Dome into the mount using the fastening hook to help you. Then guide the cable through the mount.
12. Align the label on the adapter with the Speed Dome. Then tighten the housing by turning it clockwise. Secure the adapter using the two fastening screws to help you.



To complete installation, remove the protective film from the dome.

## 4.2 Installation in the ceiling

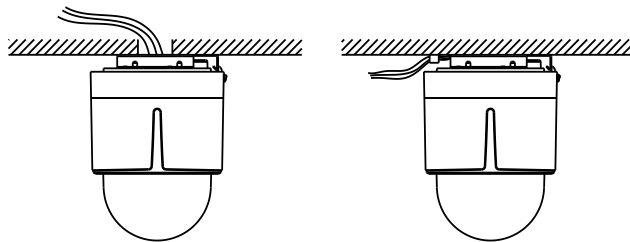
### Before starting:

The following points are prerequisites for installation:

- The ceiling must be at least 5 mm and up to 40 mm in thickness.
- The ceiling must be strong enough to bear more than 4 times the weight of the Speed Dome and its accessories.

#### 1. Laying the cables

The cables can be guided into the Speed Dome from the top or from the side. If you wish to guide the cables in from above, a hole needs to be drilled in the ceiling for the cables.



#### 2. Installation

### Before starting:

- Wood screws (self-tapping) can be used for wooden walls.
- For stone walls, drill four holes with a diameter of 5 mm in the ceiling to match the intervals between the holes in the mounting plate. Then fit four suitable dowels.

2.1 Turn the dome anti-clockwise to open it and remove it.

2.2 Remove the lens protector, the foam and the adhesive strips from the dome.

2.3 Remove the speed dome using the two securing springs at the side.

2.4 Configure the dome address, baud rate and other settings using the SW 1 and SW 2 DIP switches, see description, item 3).



As the speed dome adapts automatically to PELCO-D and PELCO-P, no setting with regard to the protocol is required here.

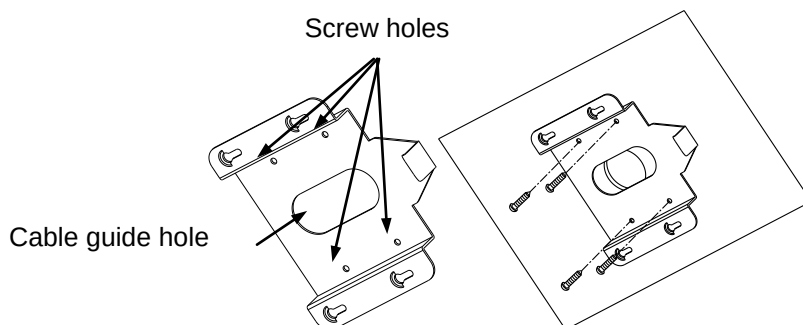
2.5 If you wish to connect alarm inputs and outputs, open the base plate and connect the cable as described in the "Description of the connections" section.

2.6 Place the dome back in the housing and close the housing.

2.7 Then fit the dome back onto the Speed Dome.

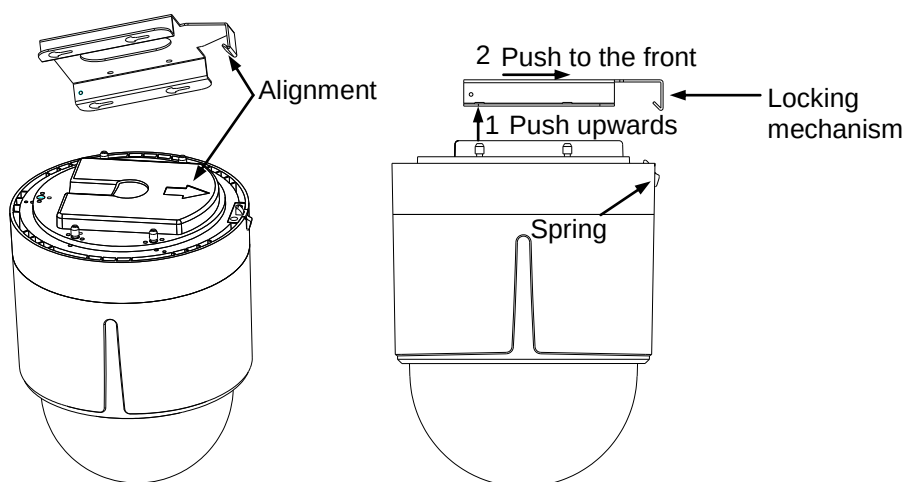
2.8 Use the mounting plate as a template to mark the four drill holes.

2.9 If the cables are guided from above, mark the corresponding hole for the cable and then drill all holes.



## 2.10 Installing the Speed Dome in the mounting plate

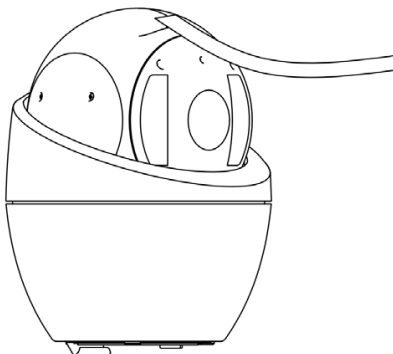
- 2.10.1 Lay the cables for the Speed Dome and align the bottom side of the Speed Dome with the mounting plate as shown in the diagram.
- 2.10.2 Push the Speed Dome upwards and then to the front in the direction of the arrow. As soon as the Speed Dome is in the correct position, the spring automatically engages in the mounting plate.



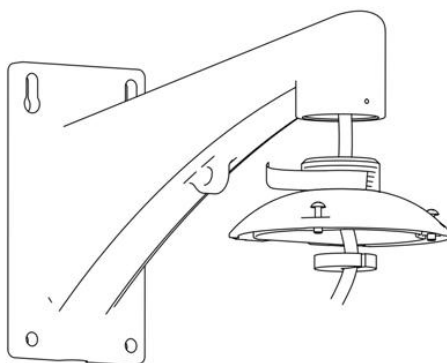
To complete installation, remove the protective film from the dome.

### 4.3 Installing the TVCC81500 on a wall

1. Install the desired mount, see point 7 “Installing the mounts”.
2. Remove the adhesive strips from the dome.



3. Attach the mounting plate to the mount.

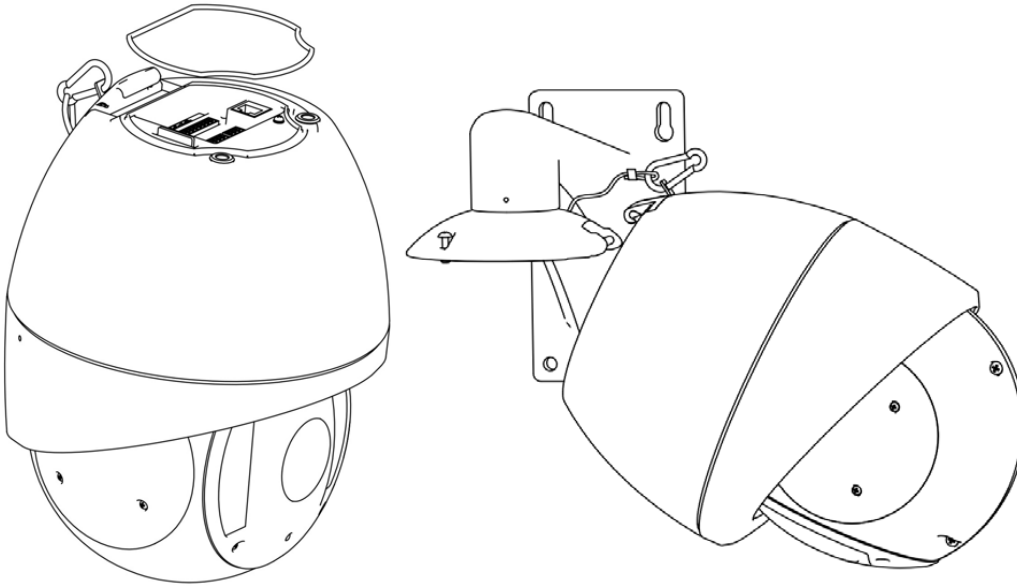


4. Configure the dome address, baud rate and other settings using the SW 1 and SW 2 DIP switches, see description, point 3).

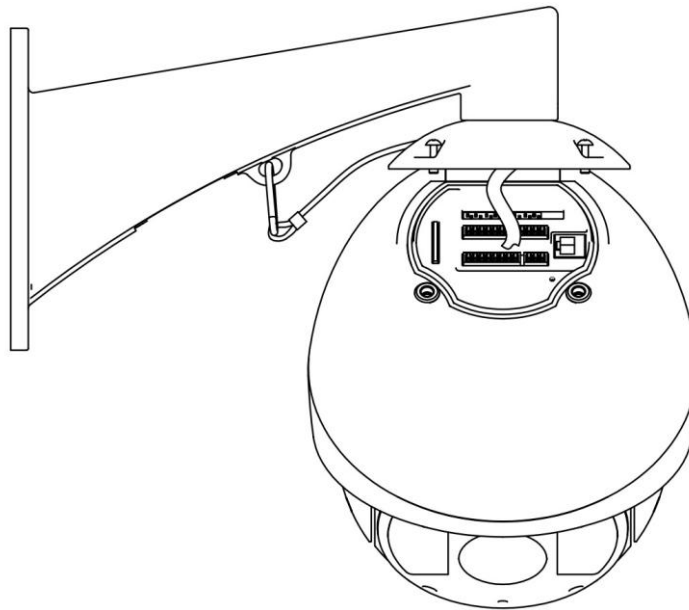


As the speed dome adapts automatically to PELCO-D and PELCO-P, no setting with regard to the protocol is required here.

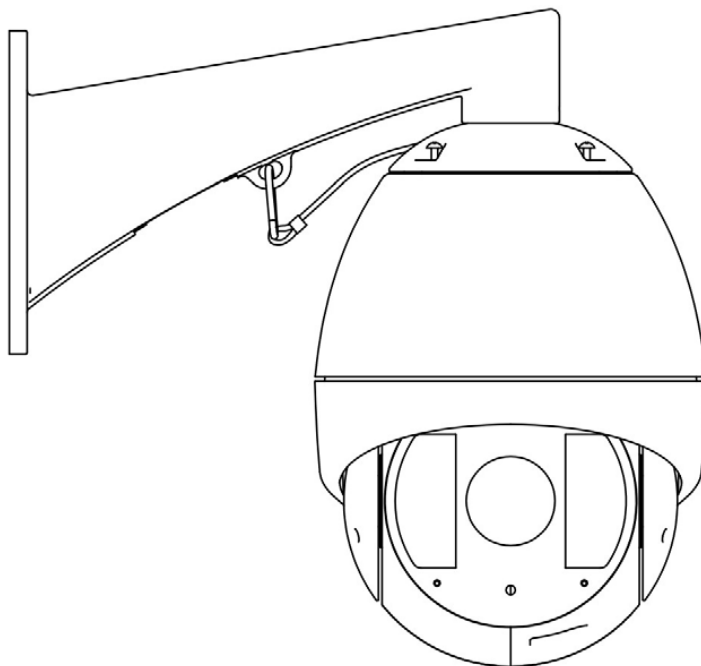
5. Attach the O ring and hang the fastening hook in place.



6. Hang the dome in the adapter panel and connect the connection cable accordingly.



7. Use the Allen screws to close the housing and fix it in place.



## 5. DIP switch settings

### 5.1 Address settings

The SW1 DIP switch is used for dome address settings:

| Dome address | SW1 settings                                                                          | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   |
|--------------|---------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0            | SW1  | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 1            | SW1  | ON  | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 255          | SW1  | ON  | ON  | ON  | ON  | ON  | ON  | ON  | ON  |

Settings for the address 0~71:

| SW1 position | SW1 DIP switch settings |     |     |     |     |     |     |     |
|--------------|-------------------------|-----|-----|-----|-----|-----|-----|-----|
| Address      | 1                       | 2   | 3   | 4   | 5   | 6   | 7   | 8   |
| 0            | OFF                     | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 1            | ON                      | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 2            | OFF                     | ON  | OFF | OFF | OFF | OFF | OFF | OFF |
| 3            | ON                      | ON  | OFF | OFF | OFF | OFF | OFF | OFF |
| 4            | OFF                     | OFF | ON  | OFF | OFF | OFF | OFF | OFF |
| 5            | ON                      | OFF | ON  | OFF | OFF | OFF | OFF | OFF |
| 6            | OFF                     | ON  | ON  | OFF | OFF | OFF | OFF | OFF |
| 7            | ON                      | ON  | ON  | OFF | OFF | OFF | OFF | OFF |
| 8            | OFF                     | OFF | OFF | ON  | OFF | OFF | OFF | OFF |
| 9            | ON                      | OFF | OFF | ON  | OFF | OFF | OFF | OFF |
| 10           | OFF                     | ON  | OFF | ON  | OFF | OFF | OFF | OFF |
| 11           | ON                      | ON  | OFF | ON  | OFF | OFF | OFF | OFF |
| 12           | OFF                     | OFF | ON  | ON  | OFF | OFF | OFF | OFF |
| 13           | ON                      | OFF | ON  | ON  | OFF | OFF | OFF | OFF |
| 14           | OFF                     | ON  | ON  | ON  | OFF | OFF | OFF | OFF |
| 15           | ON                      | ON  | ON  | ON  | OFF | OFF | OFF | OFF |
| 16           | OFF                     | OFF | OFF | OFF | ON  | OFF | OFF | OFF |
| 17           | ON                      | OFF | OFF | OFF | ON  | OFF | OFF | OFF |
| 18           | OFF                     | ON  | OFF | OFF | ON  | OFF | OFF | OFF |
| 19           | ON                      | ON  | OFF | OFF | ON  | OFF | OFF | OFF |
| 20           | OFF                     | OFF | ON  | OFF | ON  | OFF | OFF | OFF |
| 21           | ON                      | OFF | ON  | OFF | ON  | OFF | OFF | OFF |
| 22           | OFF                     | ON  | ON  | OFF | ON  | OFF | OFF | OFF |
| 23           | ON                      | ON  | ON  | OFF | ON  | OFF | OFF | OFF |
| 24           | OFF                     | OFF | OFF | ON  | ON  | OFF | OFF | OFF |
| 25           | ON                      | OFF | OFF | ON  | ON  | OFF | OFF | OFF |
| 26           | OFF                     | ON  | OFF | ON  | ON  | OFF | OFF | OFF |
| 27           | ON                      | ON  | OFF | ON  | ON  | OFF | OFF | OFF |
| 28           | OFF                     | OFF | ON  | ON  | ON  | OFF | OFF | OFF |
| 29           | ON                      | OFF | ON  | ON  | ON  | OFF | OFF | OFF |
| 30           | OFF                     | ON  | ON  | ON  | ON  | OFF | OFF | OFF |
| 31           | ON                      | ON  | ON  | ON  | ON  | OFF | OFF | OFF |
| 32           | OFF                     | OFF | OFF | OFF | OFF | ON  | OFF | OFF |
| 33           | ON                      | OFF | OFF | OFF | OFF | ON  | OFF | OFF |
| 34           | OFF                     | ON  | OFF | OFF | OFF | ON  | OFF | OFF |
| 35           | ON                      | ON  | OFF | OFF | OFF | ON  | OFF | OFF |
| 36           | OFF                     | OFF | ON  | OFF | OFF | ON  | OFF | OFF |
| 37           | ON                      | OFF | ON  | OFF | OFF | ON  | OFF | OFF |
| 38           | OFF                     | ON  | ON  | OFF | OFF | ON  | OFF | OFF |
| 39           | ON                      | ON  | ON  | OFF | OFF | ON  | OFF | OFF |
| 40           | OFF                     | OFF | OFF | ON  | OFF | ON  | OFF | OFF |
| 41           | ON                      | OFF | OFF | ON  | OFF | ON  | OFF | OFF |



|    |     |     |     |     |     |     |     |     |
|----|-----|-----|-----|-----|-----|-----|-----|-----|
| 42 | OFF | ON  | OFF | ON  | OFF | ON  | OFF | OFF |
| 43 | ON  | ON  | OFF | ON  | OFF | ON  | OFF | OFF |
| 44 | OFF | OFF | ON  | ON  | OFF | ON  | OFF | OFF |
| 45 | ON  | OFF | ON  | ON  | OFF | ON  | OFF | OFF |
| 46 | OFF | ON  | ON  | ON  | OFF | ON  | OFF | OFF |
| 47 | ON  | ON  | ON  | ON  | OFF | ON  | OFF | OFF |
| 48 | OFF | OFF | OFF | OFF | ON  | ON  | OFF | OFF |
| 49 | ON  | OFF | OFF | OFF | ON  | ON  | OFF | OFF |
| 50 | OFF | ON  | OFF | OFF | ON  | ON  | OFF | OFF |
| 51 | ON  | ON  | OFF | OFF | ON  | ON  | OFF | OFF |
| 52 | OFF | OFF | ON  | OFF | ON  | ON  | OFF | OFF |
| 53 | ON  | OFF | ON  | OFF | ON  | ON  | OFF | OFF |
| 54 | OFF | ON  | ON  | OFF | ON  | ON  | OFF | OFF |
| 55 | ON  | ON  | ON  | OFF | ON  | ON  | OFF | OFF |
| 56 | OFF | OFF | OFF | ON  | ON  | ON  | OFF | OFF |
| 57 | ON  | OFF | OFF | ON  | ON  | ON  | OFF | OFF |
| 58 | OFF | ON  | OFF | ON  | ON  | ON  | OFF | OFF |
| 59 | ON  | ON  | OFF | ON  | ON  | ON  | OFF | OFF |
| 60 | OFF | OFF | ON  | ON  | ON  | ON  | OFF | OFF |
| 61 | ON  | OFF | ON  | ON  | ON  | ON  | OFF | OFF |
| 62 | OFF | ON  | ON  | ON  | ON  | ON  | OFF | OFF |
| 63 | ON  | ON  | ON  | ON  | ON  | ON  | OFF | OFF |
| 64 | OFF | OFF | OFF | OFF | OFF | OFF | ON  | OFF |
| 65 | ON  | OFF | OFF | OFF | OFF | OFF | ON  | OFF |
| 66 | OFF | ON  | OFF | OFF | OFF | OFF | ON  | OFF |
| 67 | ON  | ON  | OFF | OFF | OFF | OFF | ON  | OFF |
| 68 | OFF | OFF | ON  | OFF | OFF | OFF | ON  | OFF |
| 69 | ON  | OFF | ON  | OFF | OFF | OFF | ON  | OFF |
| 70 | OFF | ON  | ON  | OFF | OFF | OFF | ON  | OFF |
| 71 | ON  | ON  | ON  | OFF | OFF | OFF | ON  | OFF |

## 5.2 Baud rate settings

Positions 1-3 of the SW2 DIP switch are used for the baud rate settings of the dome.

| SW2 DIP switch baud rate settings |                       |  |     |     |     |
|-----------------------------------|-----------------------|--|-----|-----|-----|
| Baud rate                         | Position 1-3 settings |  | 1   | 2   | 3   |
| 2400                              | SW2                   |  | ON  | OFF | OFF |
| 4800                              | SW2                   |  | OFF | ON  | OFF |
| 9600                              | SW2                   |  | ON  | ON  | OFF |
| 19200<br>(TVCC8x000 only)         | SW2                   |  | OFF | OFF | ON  |
| 38400<br>(TVCC8x000 only)         | SW2                   |  | ON  | OFF | ON  |

## 5.3 Protocol settings

Positions 4-6 of the SW2 DIP switch are used for the protocol settings of the dome.

| SW2 DIP switch protocol settings |                       |  |     |    |    |
|----------------------------------|-----------------------|--|-----|----|----|
| Log                              | Position 4-6 settings |  | 4   | 5  | 6  |
| Bosch Manchester                 | SW2                   |  | OFF | ON | ON |
| AD Manchester                    | SW2                   |  | ON  | ON | ON |
| Self-adaptive                    | Others                |  |     |    |    |

5.4 Simplex/half-duplex settings

Position 7 of the SW2 DIP switch is used for the communication setting.

| SW2 DIP switch simplex/half-duplex settings |                                                                                       |     |
|---------------------------------------------|---------------------------------------------------------------------------------------|-----|
| Description                                 | Position 7 settings                                                                   | 7   |
| Simplex                                     | SW2  | OFF |
| Half-duplex                                 | SW2  | ON  |

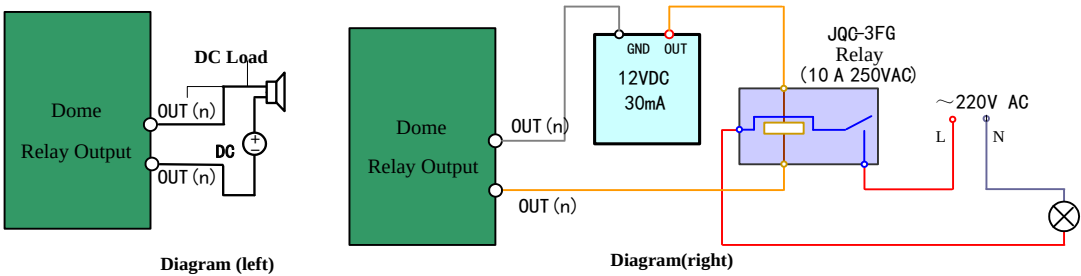
5.5 Terminating resistor setting

Position 8 of the SW2 DIP switch is used for the terminating resistor setting.

| SW2 DIP switch terminating resistor settings |                                                                                       |     |
|----------------------------------------------|---------------------------------------------------------------------------------------|-----|
| Description                                  | Position 8 settings                                                                   | 8   |
| No                                           | SW2  | OFF |
| Yes                                          | SW2  | ON  |

6. Alarm IN/OUT

6.1 Circuit diagram



Circuit diagram left:

Consumers can be connected with the following load here.  
DC: Max. 12 V DC, 30 mA

Schaltplan Right::

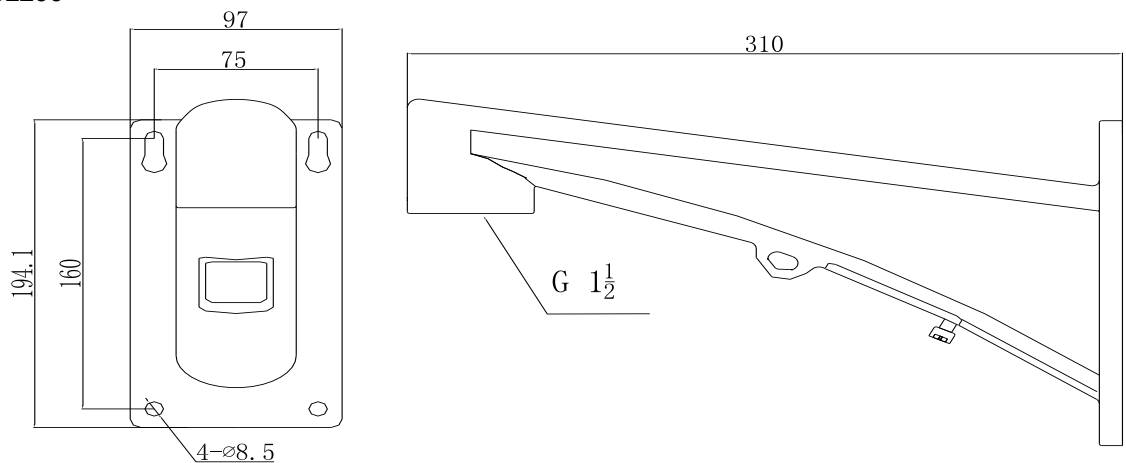
An external relay must be used to prevent electrical damage to the dome.

7. Installing the mounts

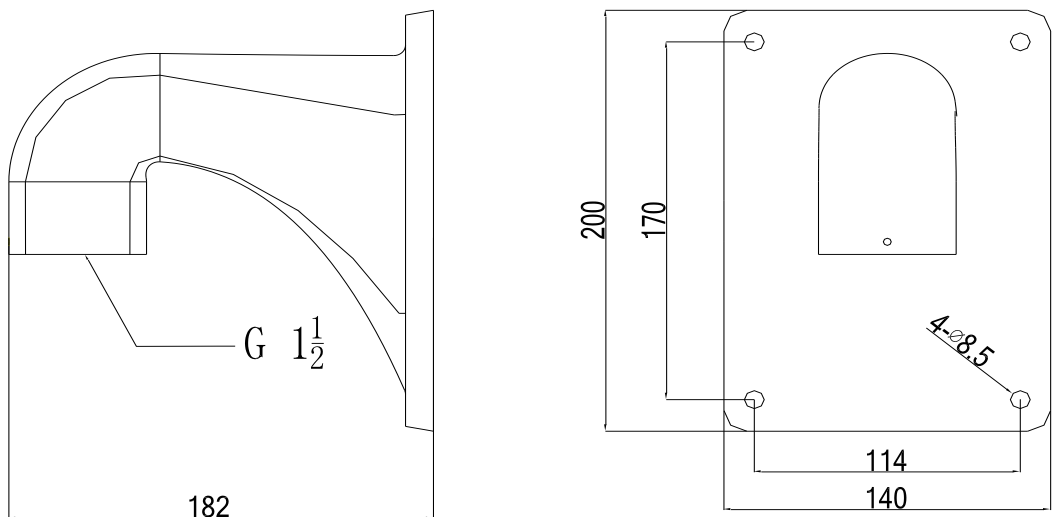
7.1 Wall mount installation (TVAC31200/TVAC31210)

7.1.1 Dimensions

TVAC31200



TVAC31210

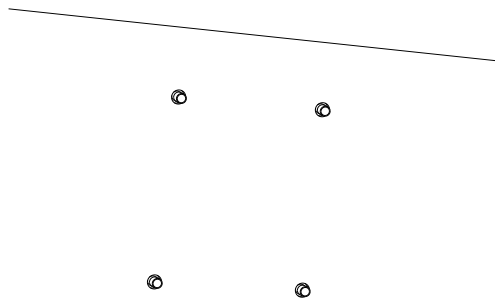


### 7.1.2 Installation

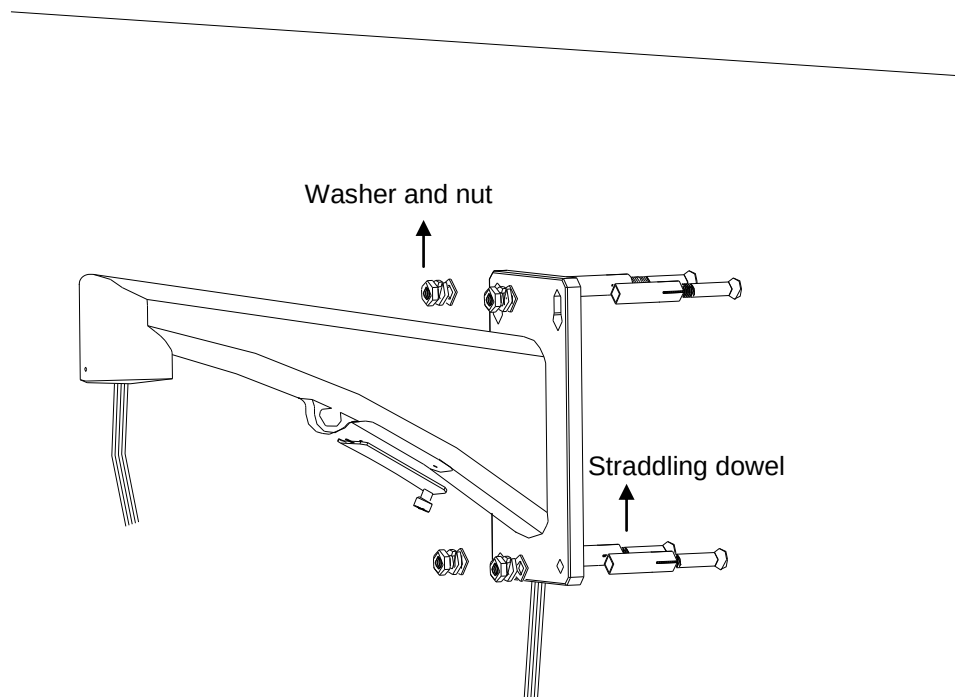
#### Before starting:

- The wall must be thick enough to allow the straddling dowels to be fitted.
- Make sure that the wall is strong enough to bear more than 8 times the weight of the Speed Dome and its mount.

1. Drill four holes in the wall which correspond to the dimensions, and then push the straddling dowels into the wall.



2. Attach the seal between the wall and mount using the straddling dowels to help you.
3. Install the mount using the washer and the nut.

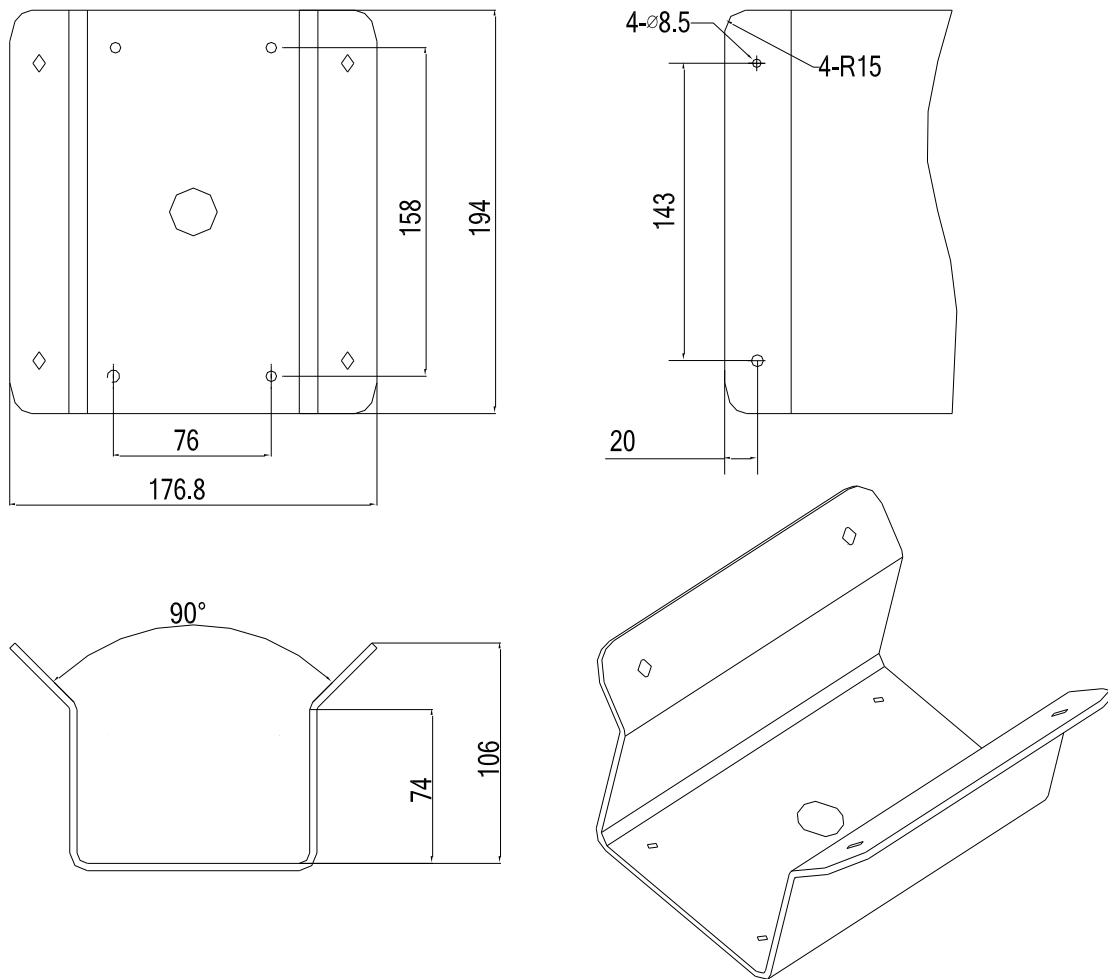


The procedure for installing TVACD31210 is identical.

## 7.2 Corner mount installation (TVAC31220)

### 7.2.1 Dimensions

#### TVAC31220

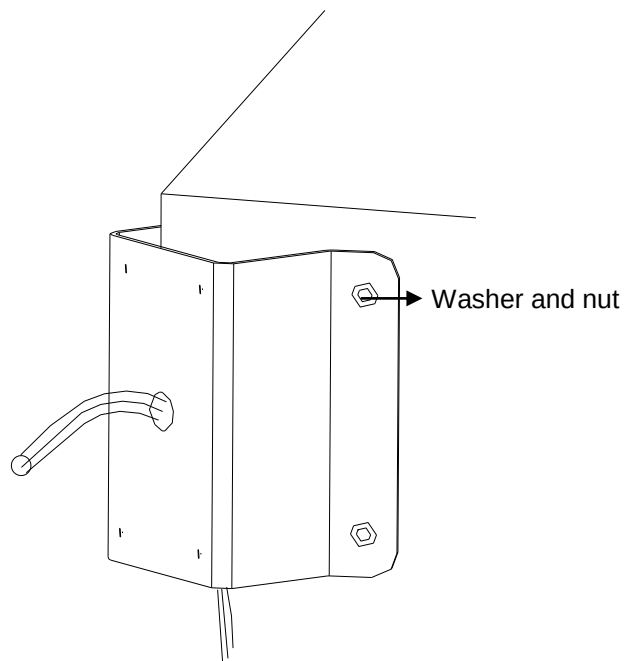


### 7.2.2 Installation

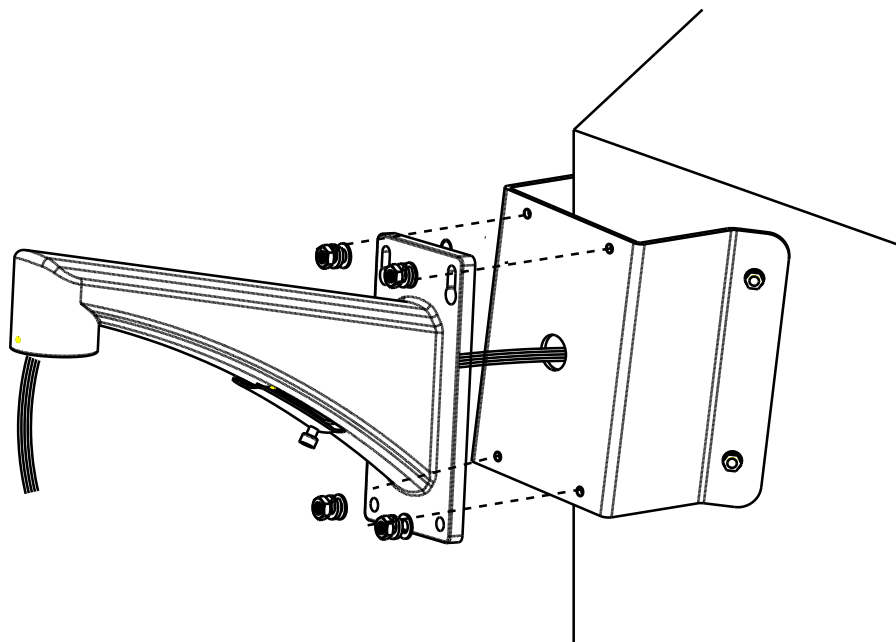
#### Before starting:

- The wall must be thick enough to allow the straddling dowels to be fitted.
- Make sure that the wall is strong enough to bear more than 8 times the weight of the Speed Dome and its mount.

1. Drill four holes in the wall which correspond to the dimensions, and then push suitable straddling dowels into the wall.
2. Pull the connecting cable through the middle hole in the corner mount.
3. Place the corner mount in position in the corner
4. Fasten the adapter using the washers and the nuts.



5. Attach the seal between the corner mount and the wall mount
6. Screw the wall mount into place using the four threaded screws and spring washer to help you.



7. Continue with installation of the Speed Dome.

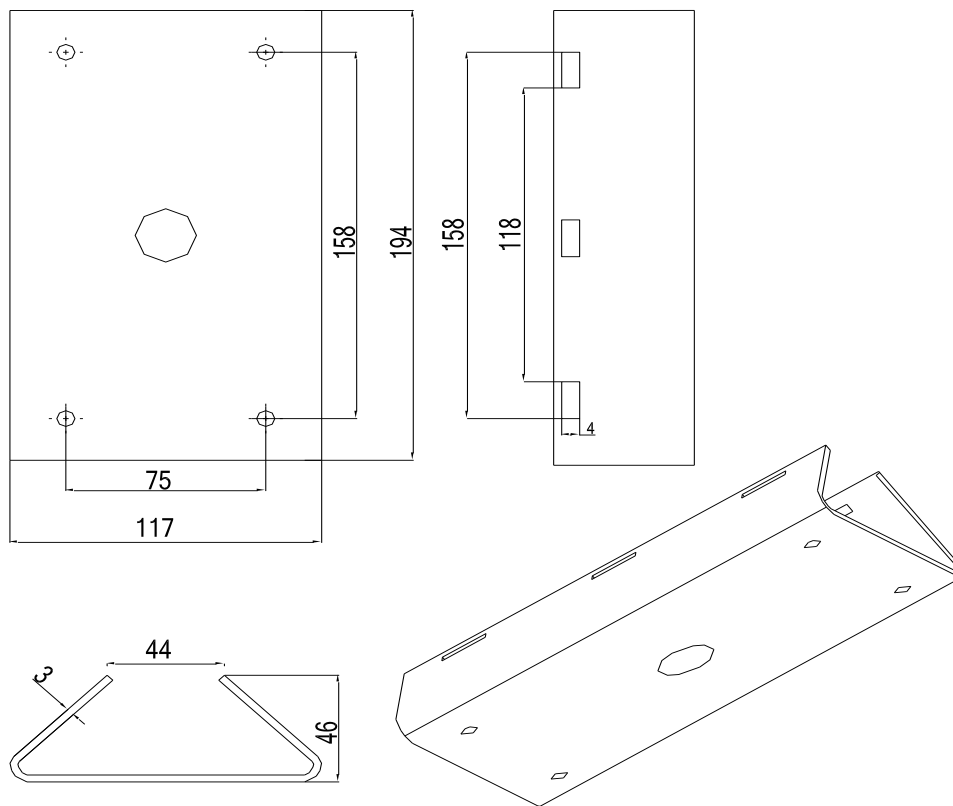


Further information on installing the Speed Dome can be found in section 4.

## 7.3 Mast mount installation (TVAC31230)

### 7.3.1 Dimensions

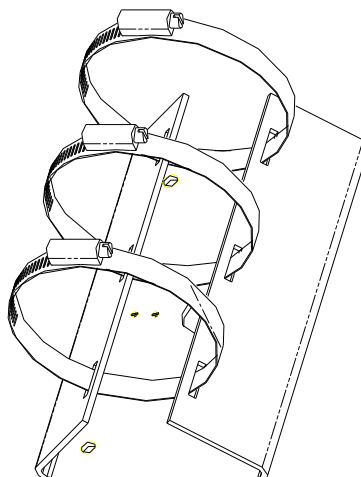
#### TVAC3130



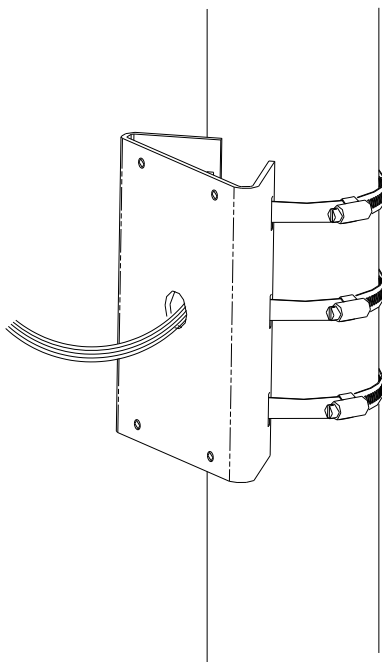
### 7.3.2 Installation

#### Before starting:

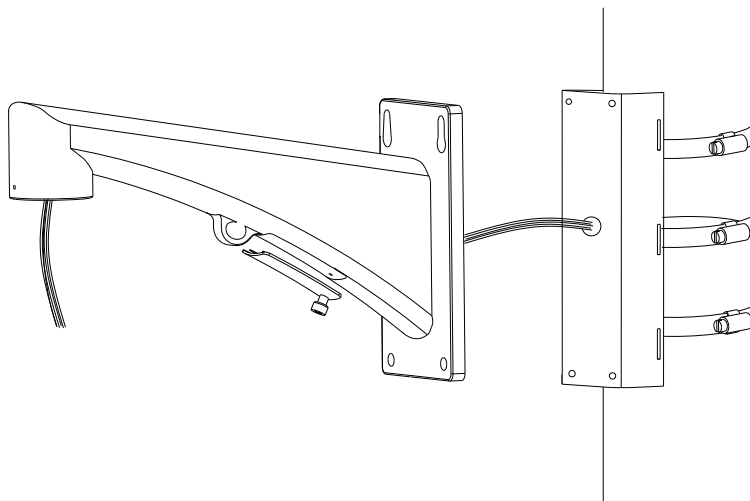
- The diameter of the stainless steel clamps must be the same as the diameter of the mast.
  - Make sure that the mast is strong enough to bear more than 8 times the weight of the Speed Dome and its mount.
1. Undo the screws in the stainless steel clamps using a screwdriver.
  2. Guide these through the openings in the mast mount.



3. Pull the connecting cable through the middle hole in the mast mount.
4. Secure the stainless steel clamps by tightening the screws.



5. Attach the seal between the mast mount and the wall mount.
6. Screw the wall mount into place using the four threaded screws and spring washer to help you.



7. Continue with installation of the Speed Dome.



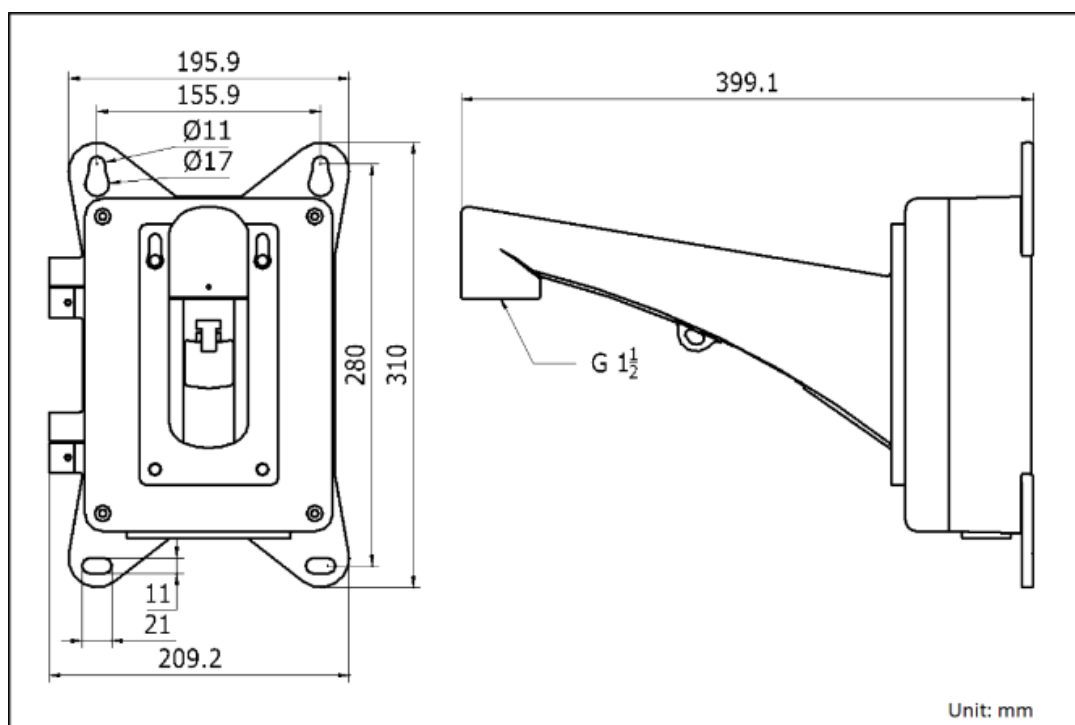
Further information on installing the Speed Dome can be found in section 4.



## 7.4 Wall mount installation incl. power supply unit installation (TVAC31240)

### 7.4.1 Dimensions

#### TVAC31240

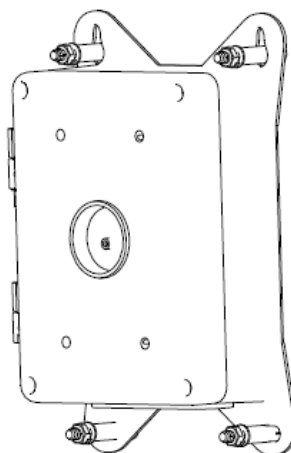


### 7.4.2 Installation

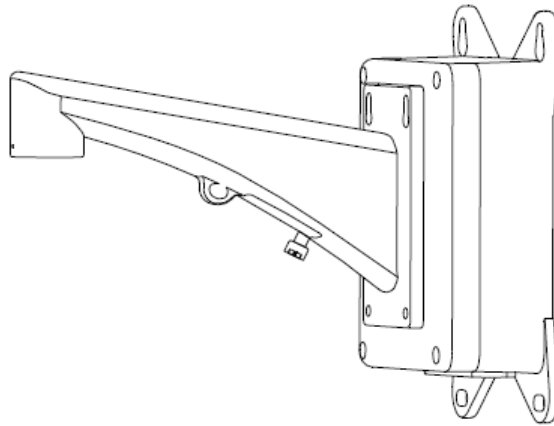
#### Before starting:

- The wall must be thick enough to allow the straddling dowels to be fitted.
- Make sure that the wall is strong enough to bear more than 8 times the weight of the Speed Dome and its mount.

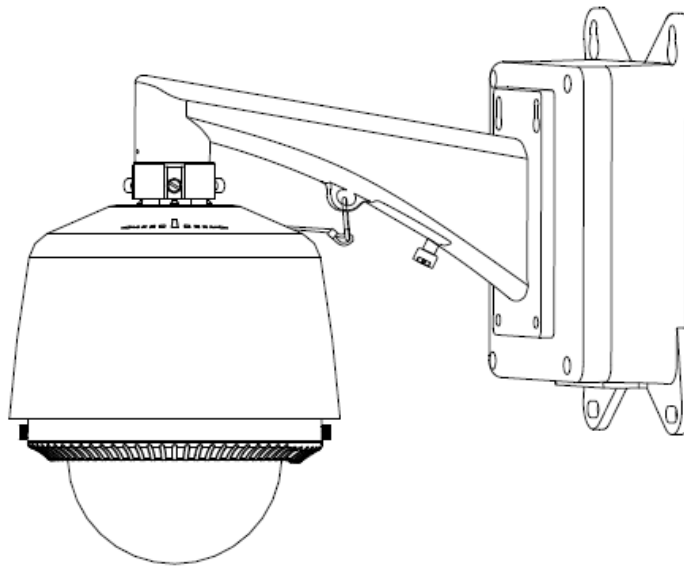
1. Drill four holes corresponding to the dimensions in the diagram shown above.
2. Attach the straddling dowels.



3. Install the wall mount.



4. Guide all wires through the installation box for the power supply unit and connect the Speed Dome accordingly.



Further information on installing the Speed Dome can be found in section 4.

**Detailed instructions can be found as a PDF document on the enclosed CD.**

## 1. Consignes avant le montage

|                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>Le symbole représentant un éclair à l'intérieur d'un triangle est utilisé en cas de danger pour la santé de l'utilisateur, par exemple de risque d'électrocution.</b></p>                            |  <p><b>Le symbole représentant un point d'exclamation à l'intérieur d'un triangle signale à l'utilisateur la présence, dans ce manuel, d'instructions importantes qui doivent être impérativement respectées.</b></p> |
| <p>Veillez utiliser le bloc d'alimentation compris dans la livraison.</p>                                                                                                                                                                                                                    | <p>Ne laissez pas tomber la coupole et protégez-la contre les chocs. Évitez l'installation sur des surfaces vibrantes.</p>                                                                                                                                                                             |
| <p>Ne branchez jamais plusieurs dômes au bloc d'alimentation ; cela peut entraîner une surcharge ou un risque d'incendie.</p>                                                                                                                                                                | <p>Évitez l'installation en milieu extrêmement chaud, froid, poussiéreux ou humide ; cela peut entraîner un risque d'incendie ou d'électrocution. La température de fonctionnement doit se trouver entre -30 °C et 65 °C (dôme extérieur) et -10 °C et 50 °C (dôme intérieur).</p>                     |
| <p>Veillez à ce que l'alimentation électrique soit coupée avant de brancher le bloc d'alimentation ou d'ouvrir le Speed Dome.</p>                                                                                                                                                            | <p>La coupole du dôme intérieur doit être protégée contre la pluie et l'humidité.</p>                                                                                                                                                                                                                  |
| <p>En cas de formation de fumée, d'odeurs ou de bruits au niveau du Speed Dome, éteignez immédiatement l'appareil et contactez notre assistance technique.</p>                                                                                                                               | <p>Veillez utiliser les gants fournis lorsque vous ouvrez le Speed Dome. Évitez tout contact direct avec la coupole afin de ne pas risquer de l'endommager.</p>                                                                                                                                        |
| <p>Si le produit ne fonctionne pas correctement, adressez-vous à votre revendeur ou à notre assistance technique. Ne tentez jamais de démonter le Speed Dome.</p> <p>Nous déclinons toute responsabilité en cas de problèmes causés par une réparation ou une maintenance non autorisée.</p> | <p>Veillez conserver les emballages et les inserts en mousse. En cas de panne, le Speed Dome doit être renvoyé dans son emballage d'origine. Le transport sans l'emballage d'origine peut causer un endommagement du Speed Dome et entraîner ainsi des frais supplémentaires.</p>                      |

## 2. Étendue de la livraison

### 2.1 TVCC80000



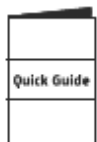
Caméra dôme jour/nuit PTZ 23x



Bloc d'alimentation



Plaque adaptatrice



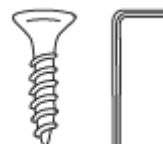
Guide de démarrage rapide



Gants

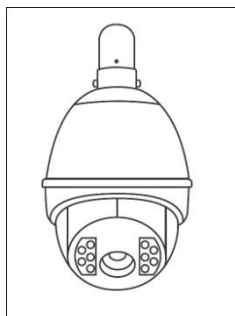


CD



Matériel de fixation

### 2.2 TVCC81000 / TVCC81500



Caméra dôme d'extérieur jour/nuit PTZ 23x



Bloc d'alimentation

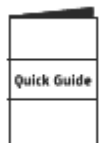


Adaptateur



Bande téflon

Caméra dôme d'extérieur PTZ 36x WDR DNR IR



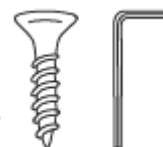
Guide de démarrage rapide



Gants



CD

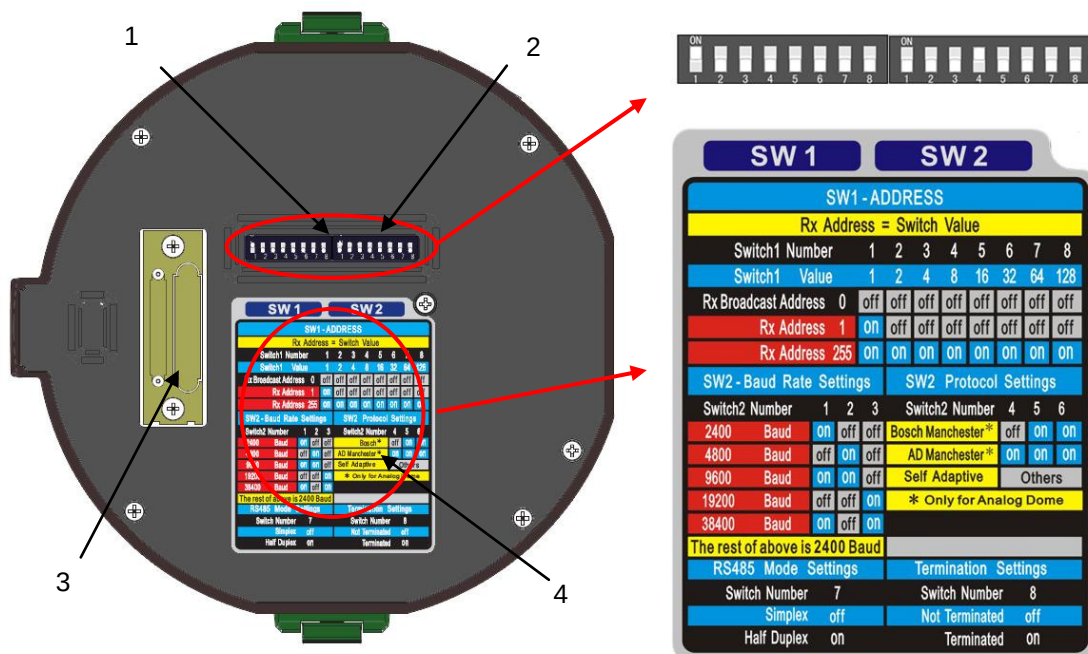


Matériel de fixation

### 3. Description des connecteurs

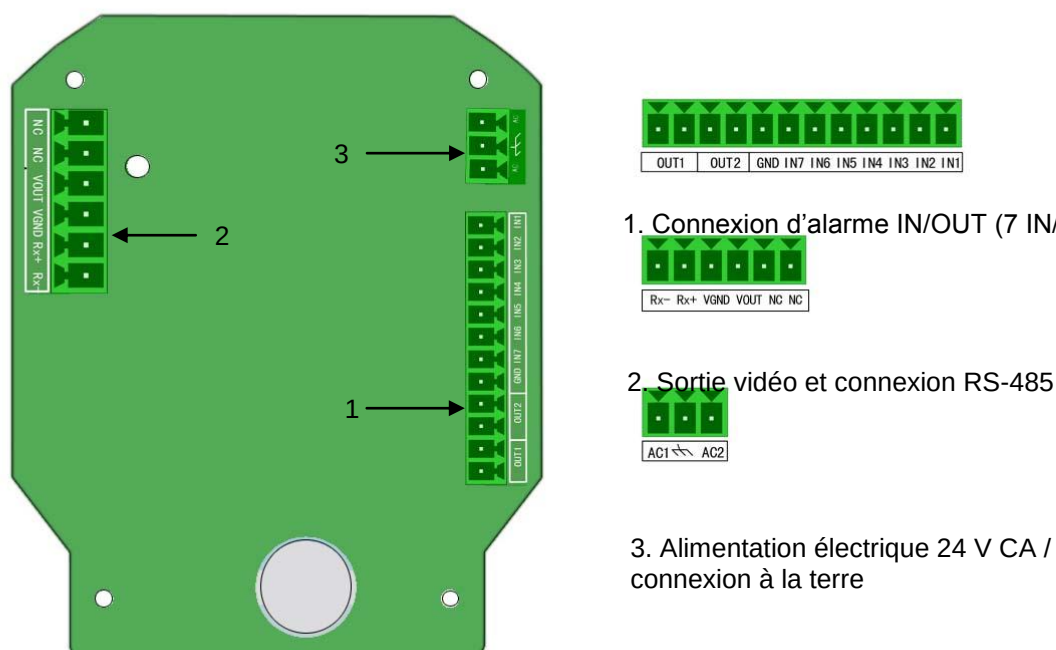
TVCC80000 / TVCC81000:

Raccordements d'extérieur



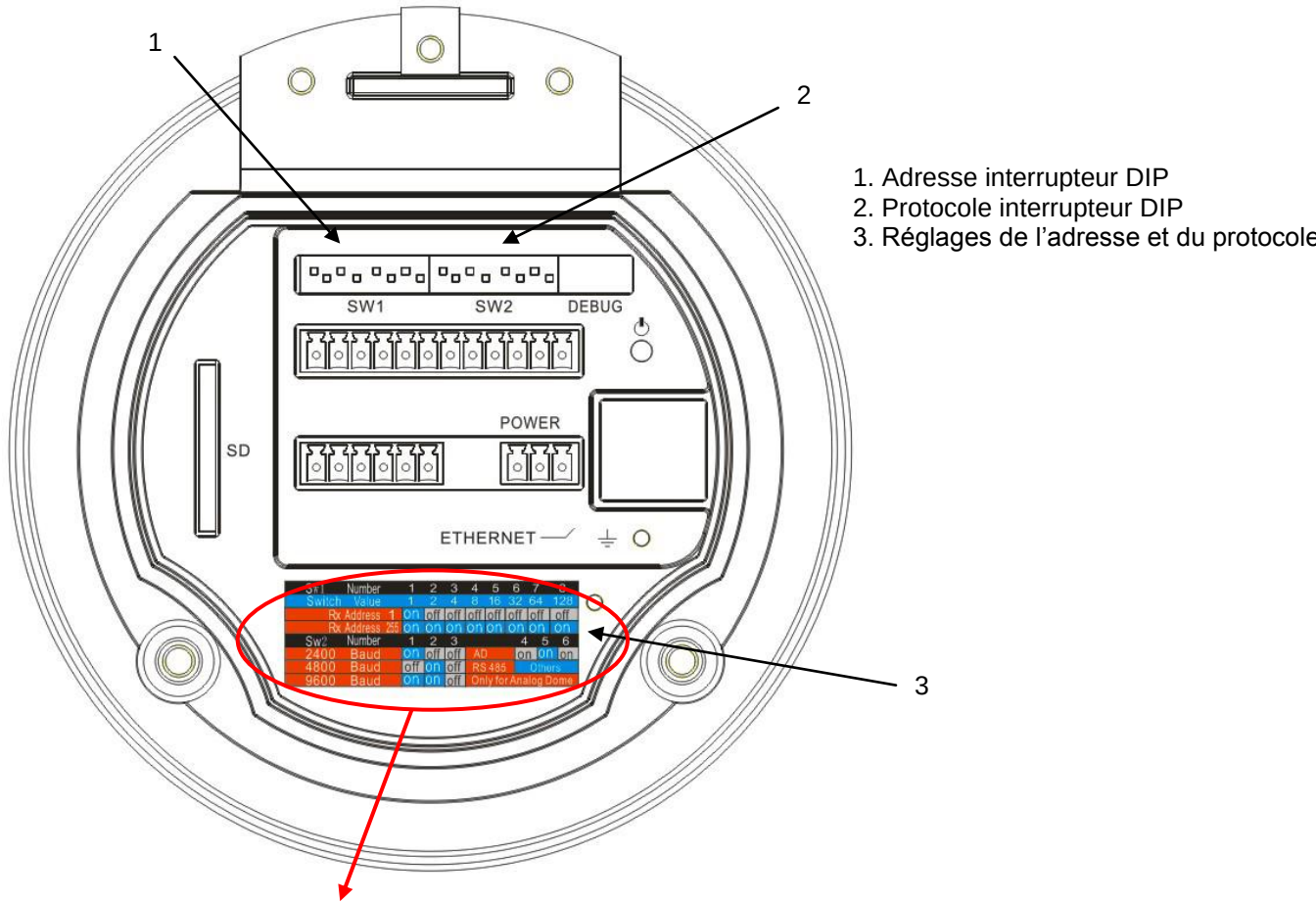
1. Adresse interrupteur DIP
2. Protocole interrupteur DIP
3. Connexion
4. Réglages de l'adresse et du protocole

Raccordements d'intérieur



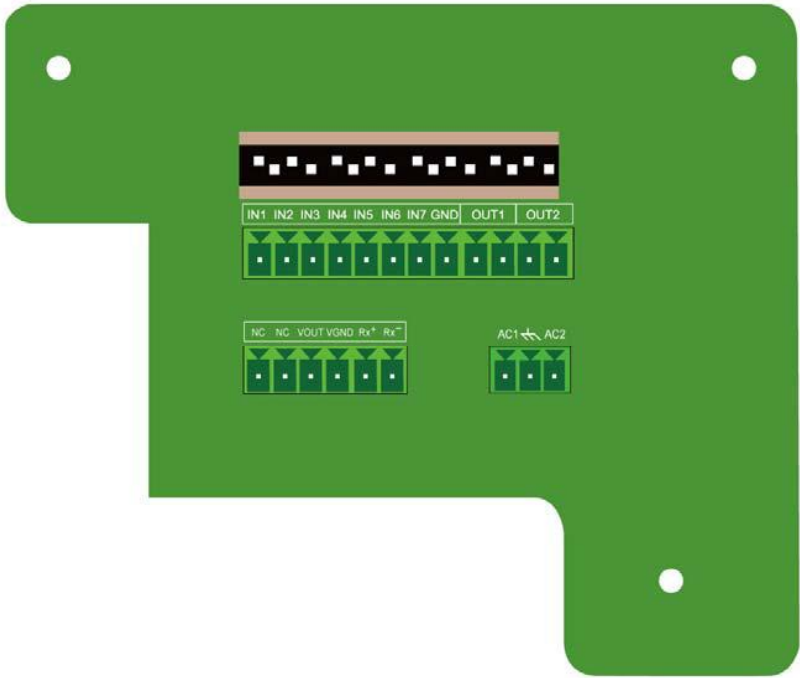
TVCC81500:

Raccordements d'extérieur



| Sw1    | Number         | 1   | 2   | 3   | 4                    | 5   | 6   | 7      | 8   |    |
|--------|----------------|-----|-----|-----|----------------------|-----|-----|--------|-----|----|
| Switch | Value          | 1   | 2   | 4   | 8                    | 16  | 32  | 64     | 128 |    |
|        | Rx Address 1   | on  | off | off | off                  | off | off | off    | off |    |
|        | Rx Address 255 | on  | on  | on  | on                   | on  | on  | on     | on  |    |
| Sw2    | Number         | 1   | 2   | 3   |                      |     |     | 4      | 5   | 6  |
| 2400   | Baud           | on  | off | off | AD                   |     |     | on     | on  | on |
| 4800   | Baud           | off | on  | off | RS 485               |     |     | Others |     |    |
| 9600   | Baud           | on  | on  | off | Only for Analog Dome |     |     |        |     |    |

Raccordements d'intérieur :



1. Connexion d'alarme IN/OUT (7 IN/2 OUT)



2. Sortie vidéo et connexion RS-485

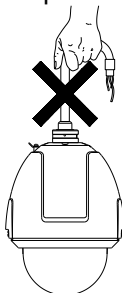


3. Alimentation électrique 24 V CA / connexion à la terre

## 4. Installation

### Avant de commencer :

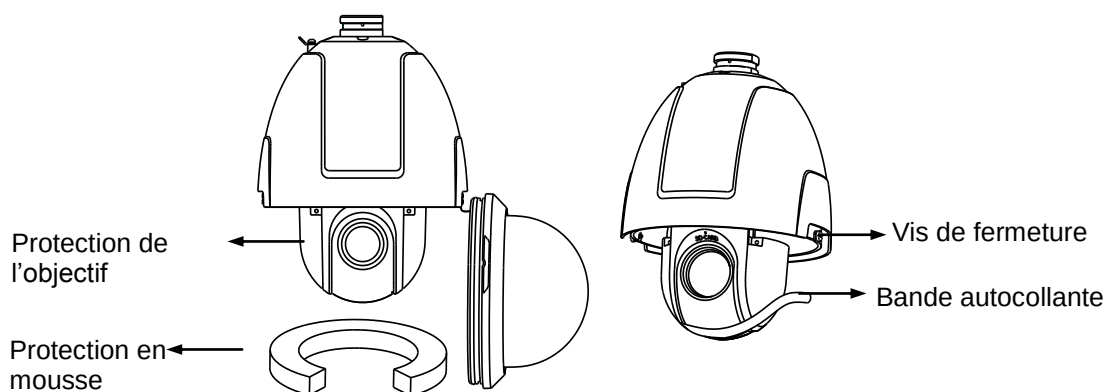
Contrôlez le contenu de la livraison et assurez-vous que le Speed Dome n'est pas endommagé.



Ne tenez jamais le Speed Dome par le câble étanche afin de ne pas compromettre son étanchéité.

### 4.1 Montage mural TVCC81100

1. Dévissez les deux vis de fermeture latérales du Speed Dome, puis ouvrez la coupole.
2. Retirez la protection de l'objectif, la protection en mousse et la bande autocollante du dôme.



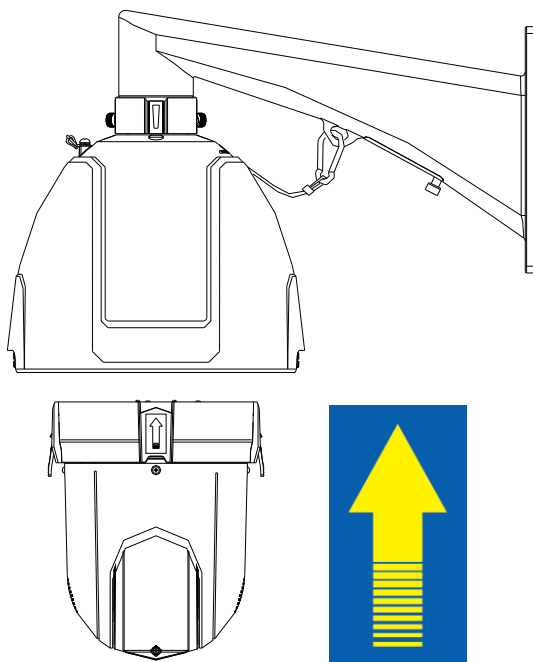
3. Retirez le speeddome à l'aide des deux ressorts de sécurité latéraux.
4. Configurez l'adresse du dôme, le débit en bauds et d'autres paramètres à l'aide des interrupteurs DIP SW 1 et SW 2, voir description point 3.



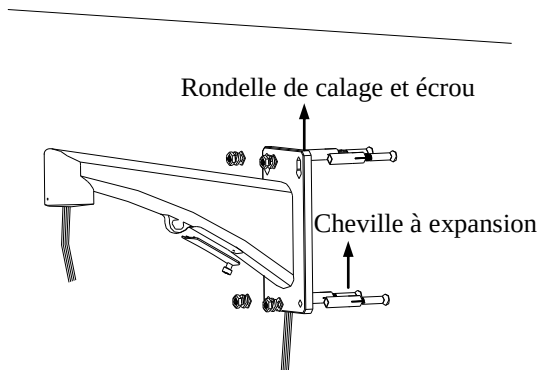
Étant donné que le speeddome s'adapte de lui-même à PELCO-D et PELCO-P, aucun réglage du protocole n'est nécessaire.



5. Remplacez ensuite le dôme dans le boîtier, puis refermez ce dernier.

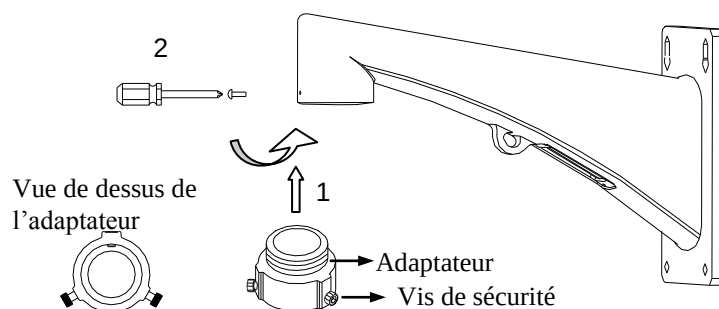


6. Percez quatre trous adaptés aux mesures du support dans le mur et placez-y les chevilles à expansion.
7. Fixez le joint entre le mur et le support à l'aide des chevilles.
8. Montez le support à l'aide des rondelles de calage et des écrous.

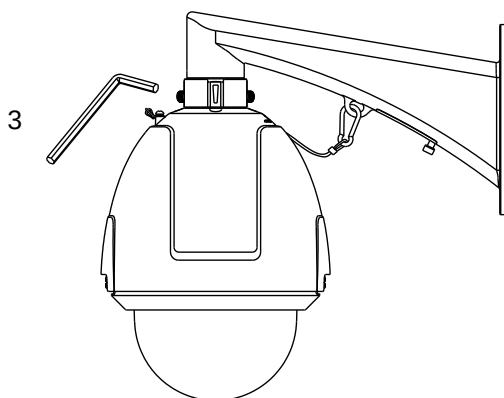
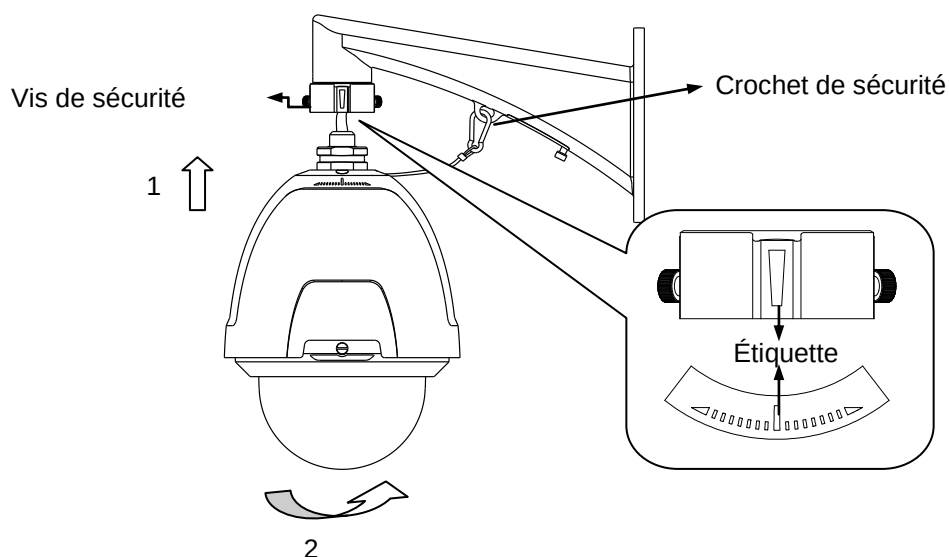


Utilisez obligatoirement des chevilles à expansion dans les murs en pierre. Vous pouvez utiliser des vis à bois (Spax) dans les murs en bois. Assurez-vous que le mur est assez solide pour pouvoir supporter 8 fois le poids du Speed Dome et du support.

9. Fixez la bande téflon au filetage de l'adaptateur, puis vissez ce dernier dans le support.
10. Fixez ensuite l'adaptateur à l'aide de la vis sans tête.



11. Accrochez le Speed Dome au support à l'aide du crochet de sécurité. Faites ensuite passer les câbles dans le support.
12. Alignez l'étiquette de l'adaptateur et celle du Speed Dome. Puis accrochez le boîtier en le tournant dans le sens des aiguilles d'une montre. Fixez l'adaptateur à l'aide des deux vis de sécurité.



Terminez l'installation en retirant le film de protection de la coupole.

## 4.2 Montage au plafond TVCC80000

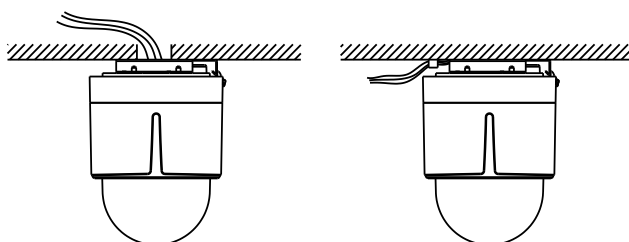
### Avant de commencer :

Les conditions suivantes doivent être garanties pour pouvoir effectuer le montage :

- L'épaisseur du plafond doit être d'au moins 5 à 40 mm.
- Le plafond doit être assez solide pour supporter 4 fois le poids du Speed Dome et des accessoires.

#### 1. Pose des câbles

Les câbles peuvent être raccordés au Speed Dome soit par le haut, soit par le côté. Si vous souhaitez raccorder les câbles par le haut, vous devez percer un trou dans le plafond pour y passer les câbles.



#### 2. Montage

### Avant de commencer :

- Vous pouvez utiliser des vis à bois (Spax) dans les murs en bois.
- Pour le montage sur un mur en pierre, percez quatre trous d'un diamètre de 5 mm aux mesures de la plaque de montage dans le plafond. Puis placez-y quatre chevilles.

2.1 Tournez la coupole dans le sens contraire des aiguilles d'une montre pour pouvoir l'ouvrir et la retirer.

2.2 Retirez la protection de l'objectif, la protection en mousse et la bande autocollante du dôme.

2.3 Retirez le speeddome à l'aide des deux ressorts de sécurité latéraux.

2.4 Configurez l'adresse du dôme, le débit en bauds et d'autres paramètres à l'aide des interrupteurs DIP SW 1 et SW 2, voir description point 3.



Étant donné que le speeddome s'adapte de lui-même à PELCO-D et PELCO-P, aucun réglage du protocole n'est nécessaire.

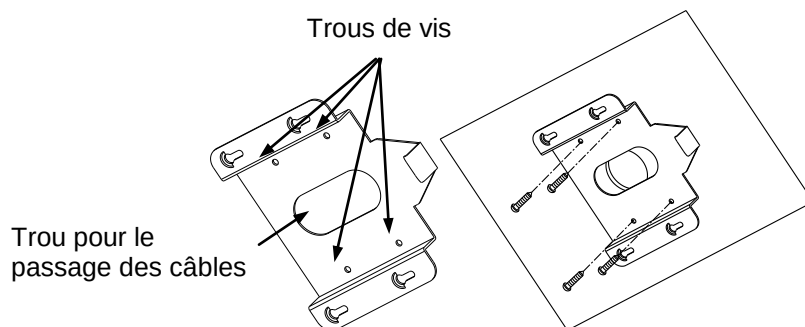
2.5 Si vous souhaitez raccorder des entrées et sorties d'alarme, ouvrez le socle et raccordez les câbles comme indiqué à la rubrique « Description des connecteurs ».

2.6 Remplacez ensuite le dôme dans le boîtier, puis refermez ce dernier.

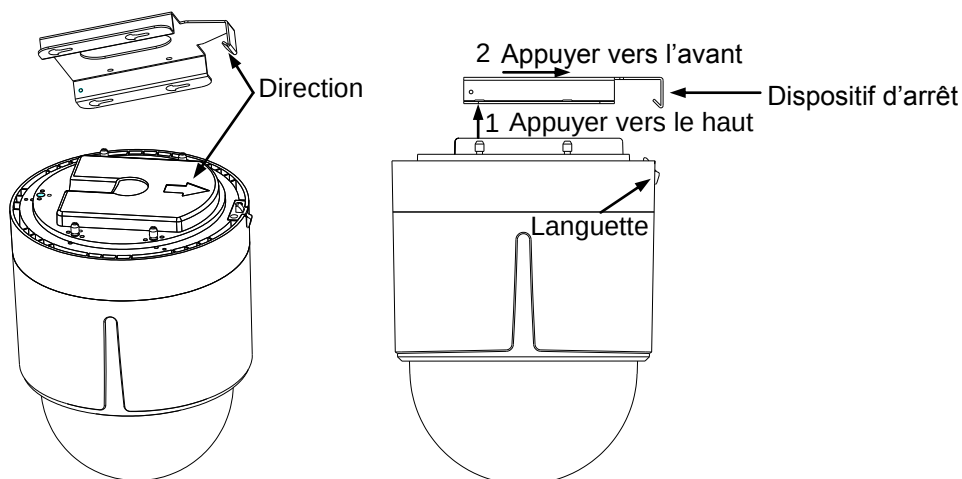
2.7 Remplacez ensuite la coupole sur le dôme.

2.8 Utilisez la plaque de montage comme gabarit pour marquer les quatre trous à percer.

2.9 Si vous souhaitez faire passer les câbles par le haut, marquez le trou pour les câbles, puis percez tous les trous.



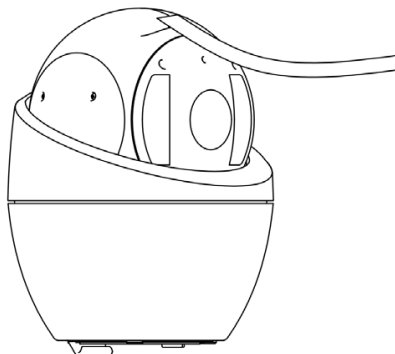
- 2.10 Installation du Speed Dome sur la plaque de montage
- 2.11 Posez les câbles du Speed Dome et alignez la partie inférieure du Speed Dome sur la plaque de montage tel qu'indiqué dans la figure.
- 2.12 Appuyez le Speed Dome vers le haut, puis vers l'avant dans le sens de la flèche. Dès que le Speed Dome se trouve dans la bonne position, la languette s'enclenche automatiquement dans la plaque de montage.



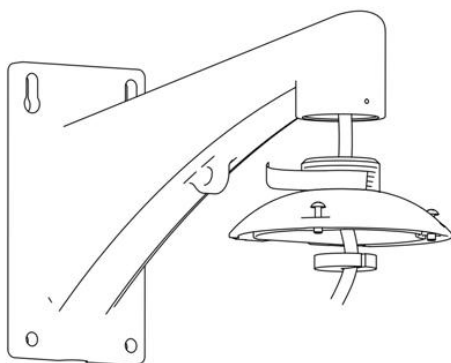
Terminez l'installation en retirant le film de protection de la coupole.

### 4.3 Montage mural de TVCC81500

1. Installez le support souhaité, voir point 7 « Montage des supports ».
2. Retirez la bande autocollante du dôme.



3. Installez la plaque de montage au support.

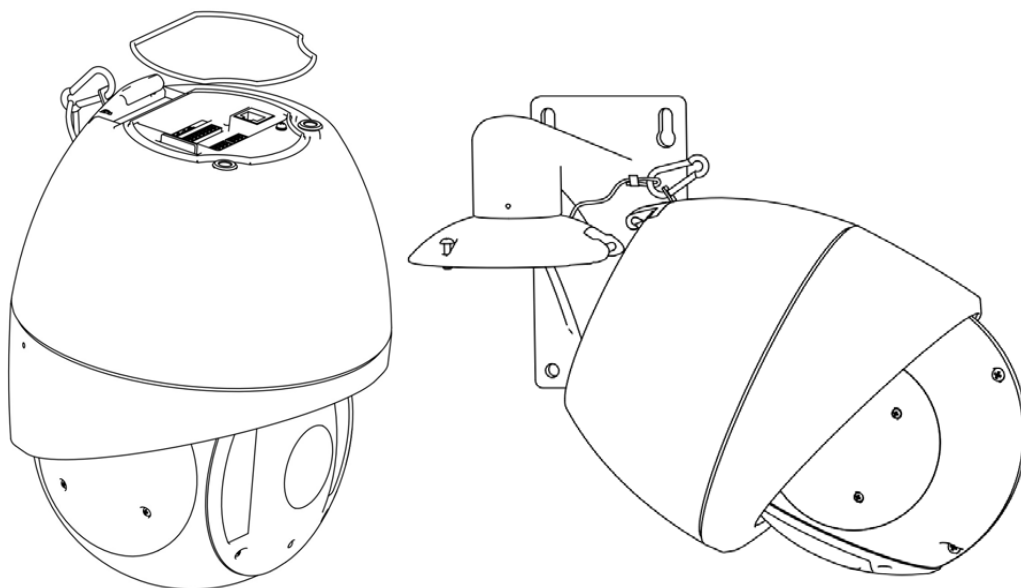


4. Configurez l'adresse du dôme, le débit en bauds et d'autres paramètres à l'aide des interrupteurs DIP SW 1 et SW 2, voir description point 3.

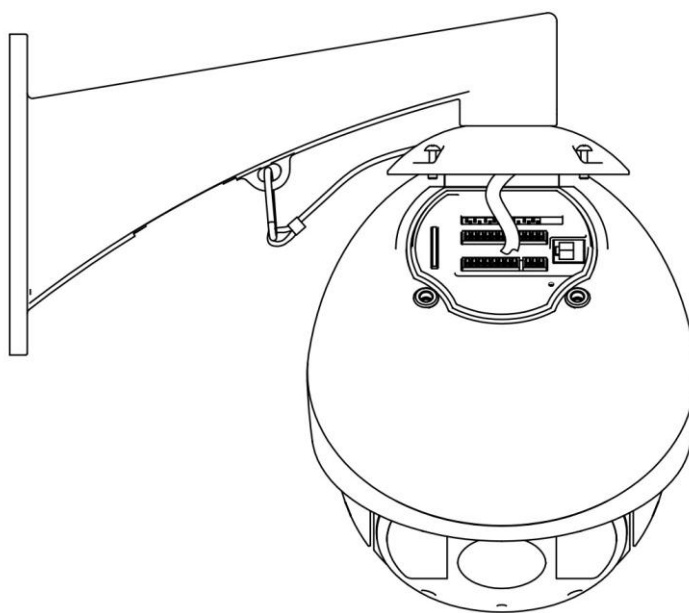


Étant donné que le speeddome s'adapte de lui-même à PELCO-D et PELCO-P, aucun réglage du protocole n'est nécessaire.

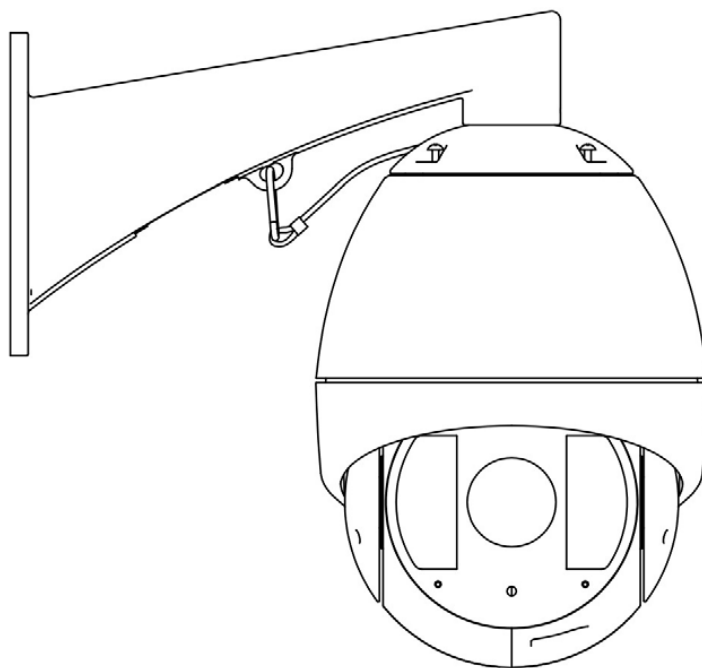
5. Installez le joint torique et accrochez le crochet de sécurité.



6. Accrochez le dôme à la plaque d'adaptation et raccordez les câbles de connexion en conséquence.



7. Utilisez les vis à six pans creux pour fermer et fixer le boîtier.



## 5. Réglages des interrupteurs DIP

### 5.1 Réglages de l'adresse

L'interrupteur DIP SW1 est utilisé pour les réglages de l'adresse du dôme :

| Adresse du dôme | Réglages SW1                                                                          | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   |
|-----------------|---------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0               | SW1  | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 1               | SW1  | ON  | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 255             | SW1  | ON  | ON  | ON  | ON  | ON  | ON  | ON  | ON  |

Réglages pour l'adresse 0~71 :

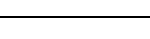
| Position SW1 | Réglages de l'interrupteur DIP SW1 |     |     |     |     |     |     |     |
|--------------|------------------------------------|-----|-----|-----|-----|-----|-----|-----|
| Adresse      | 1                                  | 2   | 3   | 4   | 5   | 6   | 7   | 8   |
| 0            | OFF                                | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 1            | ON                                 | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 2            | OFF                                | ON  | OFF | OFF | OFF | OFF | OFF | OFF |
| 3            | ON                                 | ON  | OFF | OFF | OFF | OFF | OFF | OFF |
| 4            | OFF                                | OFF | ON  | OFF | OFF | OFF | OFF | OFF |
| 5            | ON                                 | OFF | ON  | OFF | OFF | OFF | OFF | OFF |
| 6            | OFF                                | ON  | ON  | OFF | OFF | OFF | OFF | OFF |
| 7            | ON                                 | ON  | ON  | OFF | OFF | OFF | OFF | OFF |
| 8            | OFF                                | OFF | OFF | ON  | OFF | OFF | OFF | OFF |
| 9            | ON                                 | OFF | OFF | ON  | OFF | OFF | OFF | OFF |
| 10           | OFF                                | ON  | OFF | ON  | OFF | OFF | OFF | OFF |
| 11           | ON                                 | ON  | OFF | ON  | OFF | OFF | OFF | OFF |
| 12           | OFF                                | OFF | ON  | ON  | OFF | OFF | OFF | OFF |
| 13           | ON                                 | OFF | ON  | ON  | OFF | OFF | OFF | OFF |
| 14           | OFF                                | ON  | ON  | ON  | OFF | OFF | OFF | OFF |
| 15           | ON                                 | ON  | ON  | ON  | OFF | OFF | OFF | OFF |
| 16           | OFF                                | OFF | OFF | OFF | ON  | OFF | OFF | OFF |
| 17           | ON                                 | OFF | OFF | OFF | ON  | OFF | OFF | OFF |
| 18           | OFF                                | ON  | OFF | OFF | ON  | OFF | OFF | OFF |
| 19           | ON                                 | ON  | OFF | OFF | ON  | OFF | OFF | OFF |
| 20           | OFF                                | OFF | ON  | OFF | ON  | OFF | OFF | OFF |
| 21           | ON                                 | OFF | ON  | OFF | ON  | OFF | OFF | OFF |
| 22           | OFF                                | ON  | ON  | OFF | ON  | OFF | OFF | OFF |
| 23           | ON                                 | ON  | ON  | OFF | ON  | OFF | OFF | OFF |
| 24           | OFF                                | OFF | OFF | ON  | ON  | OFF | OFF | OFF |
| 25           | ON                                 | OFF | OFF | ON  | ON  | OFF | OFF | OFF |
| 26           | OFF                                | ON  | OFF | ON  | ON  | OFF | OFF | OFF |
| 27           | ON                                 | ON  | OFF | ON  | ON  | OFF | OFF | OFF |
| 28           | OFF                                | OFF | ON  | ON  | ON  | OFF | OFF | OFF |
| 29           | ON                                 | OFF | ON  | ON  | ON  | OFF | OFF | OFF |
| 30           | OFF                                | ON  | ON  | ON  | ON  | OFF | OFF | OFF |
| 31           | ON                                 | ON  | ON  | ON  | ON  | OFF | OFF | OFF |
| 32           | OFF                                | OFF | OFF | OFF | OFF | ON  | OFF | OFF |
| 33           | ON                                 | OFF | OFF | OFF | OFF | ON  | OFF | OFF |
| 34           | OFF                                | ON  | OFF | OFF | OFF | ON  | OFF | OFF |
| 35           | ON                                 | ON  | OFF | OFF | OFF | ON  | OFF | OFF |
| 36           | OFF                                | OFF | ON  | OFF | OFF | ON  | OFF | OFF |
| 37           | ON                                 | OFF | ON  | OFF | OFF | ON  | OFF | OFF |
| 38           | OFF                                | ON  | ON  | OFF | OFF | ON  | OFF | OFF |
| 39           | ON                                 | ON  | ON  | OFF | OFF | ON  | OFF | OFF |
| 40           | OFF                                | OFF | OFF | ON  | OFF | ON  | OFF | OFF |
| 41           | ON                                 | OFF | OFF | ON  | OFF | ON  | OFF | OFF |



|    |     |     |     |     |     |     |     |     |
|----|-----|-----|-----|-----|-----|-----|-----|-----|
| 42 | OFF | ON  | OFF | ON  | OFF | ON  | OFF | OFF |
| 43 | ON  | ON  | OFF | ON  | OFF | ON  | OFF | OFF |
| 44 | OFF | OFF | ON  | ON  | OFF | ON  | OFF | OFF |
| 45 | ON  | OFF | ON  | ON  | OFF | ON  | OFF | OFF |
| 46 | OFF | ON  | ON  | ON  | OFF | ON  | OFF | OFF |
| 47 | ON  | ON  | ON  | ON  | OFF | ON  | OFF | OFF |
| 48 | OFF | OFF | OFF | OFF | ON  | ON  | OFF | OFF |
| 49 | ON  | OFF | OFF | OFF | ON  | ON  | OFF | OFF |
| 50 | OFF | ON  | OFF | OFF | ON  | ON  | OFF | OFF |
| 51 | ON  | ON  | OFF | OFF | ON  | ON  | OFF | OFF |
| 52 | OFF | OFF | ON  | OFF | ON  | ON  | OFF | OFF |
| 53 | ON  | OFF | ON  | OFF | ON  | ON  | OFF | OFF |
| 54 | OFF | ON  | ON  | OFF | ON  | ON  | OFF | OFF |
| 55 | ON  | ON  | ON  | OFF | ON  | ON  | OFF | OFF |
| 56 | OFF | OFF | OFF | ON  | ON  | ON  | OFF | OFF |
| 57 | ON  | OFF | OFF | ON  | ON  | ON  | OFF | OFF |
| 58 | OFF | ON  | OFF | ON  | ON  | ON  | OFF | OFF |
| 59 | ON  | ON  | OFF | ON  | ON  | ON  | OFF | OFF |
| 60 | OFF | OFF | ON  | ON  | ON  | ON  | OFF | OFF |
| 61 | ON  | OFF | ON  | ON  | ON  | ON  | OFF | OFF |
| 62 | OFF | ON  | ON  | ON  | ON  | ON  | OFF | OFF |
| 63 | ON  | ON  | ON  | ON  | ON  | ON  | OFF | OFF |
| 64 | OFF | OFF | OFF | OFF | OFF | OFF | ON  | OFF |
| 65 | ON  | OFF | OFF | OFF | OFF | OFF | ON  | OFF |
| 66 | OFF | ON  | OFF | OFF | OFF | OFF | ON  | OFF |
| 67 | ON  | ON  | OFF | OFF | OFF | OFF | ON  | OFF |
| 68 | OFF | OFF | ON  | OFF | OFF | OFF | ON  | OFF |
| 69 | ON  | OFF | ON  | OFF | OFF | OFF | ON  | OFF |
| 70 | OFF | ON  | ON  | OFF | OFF | OFF | ON  | OFF |
| 71 | ON  | ON  | ON  | OFF | OFF | OFF | ON  | OFF |

## 5.2 Réglages du débit en bauds

Les positions 1 à 3 des interrupteurs DIP SW2 sont utilisées pour le réglage du débit en bauds du dôme.

| Interrupteur DIP SW2 - Réglages du débit en bauds |                                                                                         |     |     |     |
|---------------------------------------------------|-----------------------------------------------------------------------------------------|-----|-----|-----|
| Débit en bauds                                    | Positions 1 à 3 Réglages                                                                | 1   | 2   | 3   |
| 2400                                              | SW2  | ON  | OFF | OFF |
| 4800                                              | SW2  | OFF | ON  | OFF |
| 9600                                              | SW2  | ON  | ON  | OFF |
| 19200<br>(TVCC8x000<br>uniquement)                | SW2  | OFF | OFF | ON  |
| 38400<br>(TVCC8x000<br>uniquement)                | SW2  | ON  | OFF | ON  |

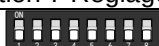
## 5.3 Réglages du protocole

Les positions 4 à 6 des interrupteurs DIP SW2 sont utilisées pour le réglage du protocole du dôme.

| Interrupteur DIP SW2 - Réglages du protocole |                                                                                         |     |    |    |
|----------------------------------------------|-----------------------------------------------------------------------------------------|-----|----|----|
| Protocole                                    | Position 4-6 réglages                                                                   | 4   | 5  | 6  |
| Bosch Manchester                             | SW2  | OFF | ON | ON |
| AD Manchester                                | SW2  | ON  | ON | ON |
| Self-adaptive                                | Autres                                                                                  |     |    |    |

## 5.4 Réglages simplex/semi-duplex

La position 7 de l'interrupteur DIP SW2 est utilisée pour le réglage de la communication.

| Interrupteur DIP SW2 - Réglages simplex-semi-duplex |                                                                                       |     |
|-----------------------------------------------------|---------------------------------------------------------------------------------------|-----|
| Description                                         | Position 7 Réglages                                                                   | 7   |
| Simplex                                             | SW2  | OFF |
| Half-duplex                                         | SW2  | ON  |

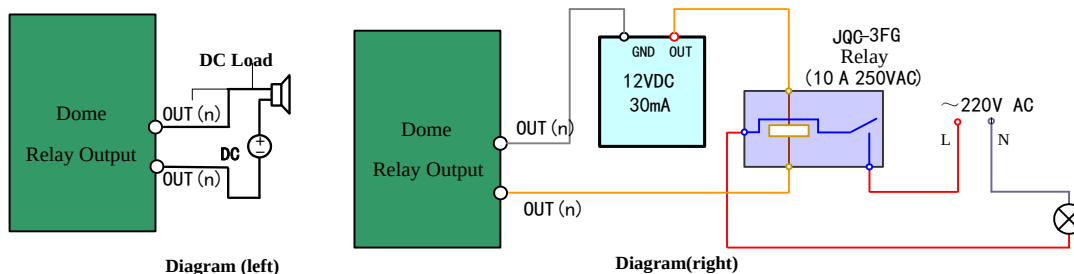
## 5.5 Réglage de la résistance terminale

La position 8 de l'interrupteur DIP SW2 est utilisée pour le réglage de la résistance terminale.

| Interrupteur DIP SW2 - Réglages de la résistance terminale |                                                                                       |     |
|------------------------------------------------------------|---------------------------------------------------------------------------------------|-----|
| Description                                                | Position 8 réglages                                                                   | 8   |
| Non                                                        | SW2  | OFF |
| Oui                                                        | SW2  | ON  |

# 6. Alarme IN/OUT

## 6.1 Schéma électrique



### Schéma électrique de gauche :

Des consommateurs finaux de charge suivante peuvent être connectés ici.  
DC : max. 12 V CC, 30 mA

### Schéma électrique de droite :

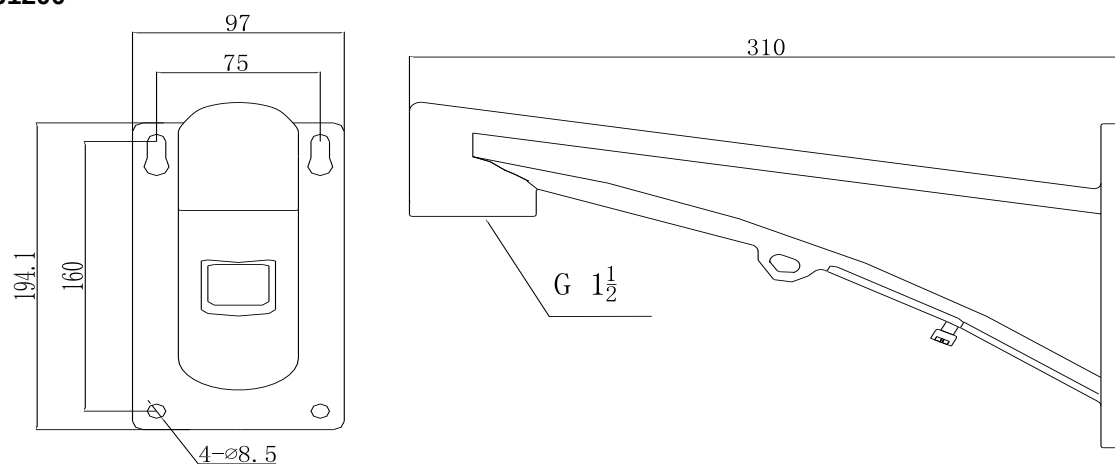
Un relais externe doit être utilisé afin d'éviter tout dégât électrique du dôme

## 7. Montage des supports

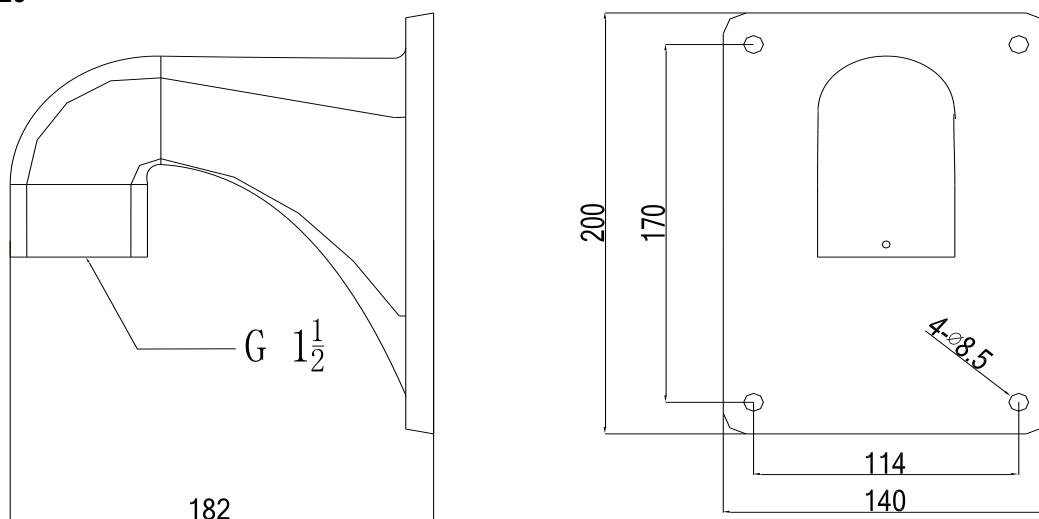
### 7.1 Montage des supports muraux (TVAC31200/TVAC31210)

#### 7.1.1 Dimensions

##### TVAC31200



##### TVAC31210

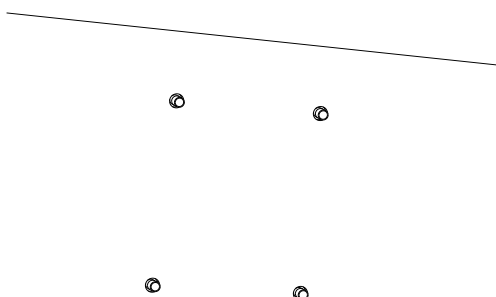


### 7.1.2 Montage

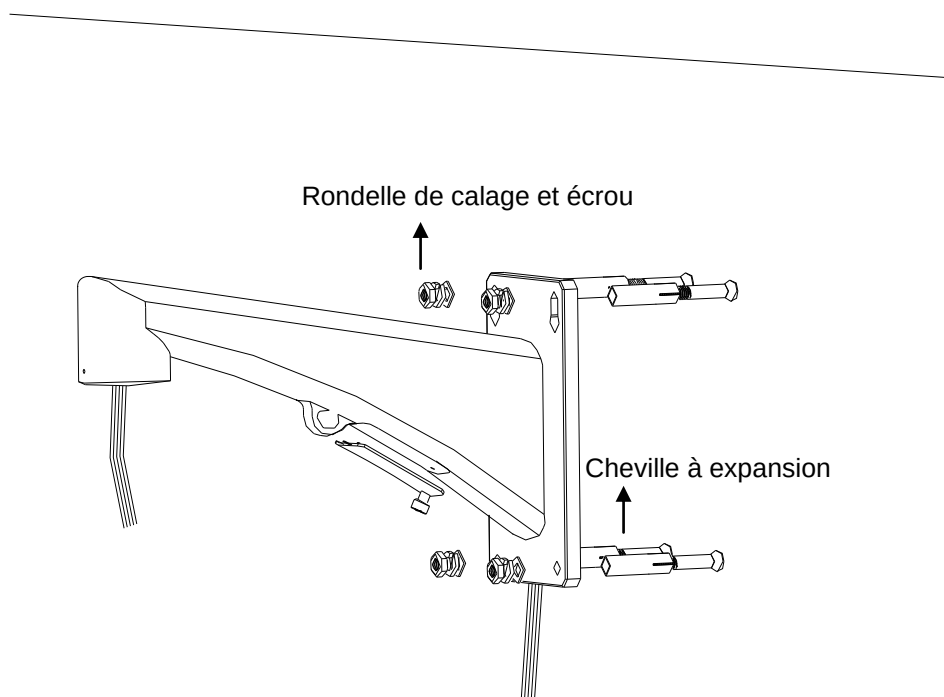
#### Avant de commencer :

- Le mur doit être assez épais pour pouvoir y installer des chevilles à expansion.
- Assurez-vous que le mur est assez solide pour pouvoir supporter 8 fois le poids du Speed Dome et du support.

1. Percez quatre trous dans le mur aux mesures requises et placez-y les chevilles à expansion.



2. Fixez le joint entre le mur et le support à l'aide des chevilles.
3. Montez le support à l'aide des rondelles de calage et des écrous.

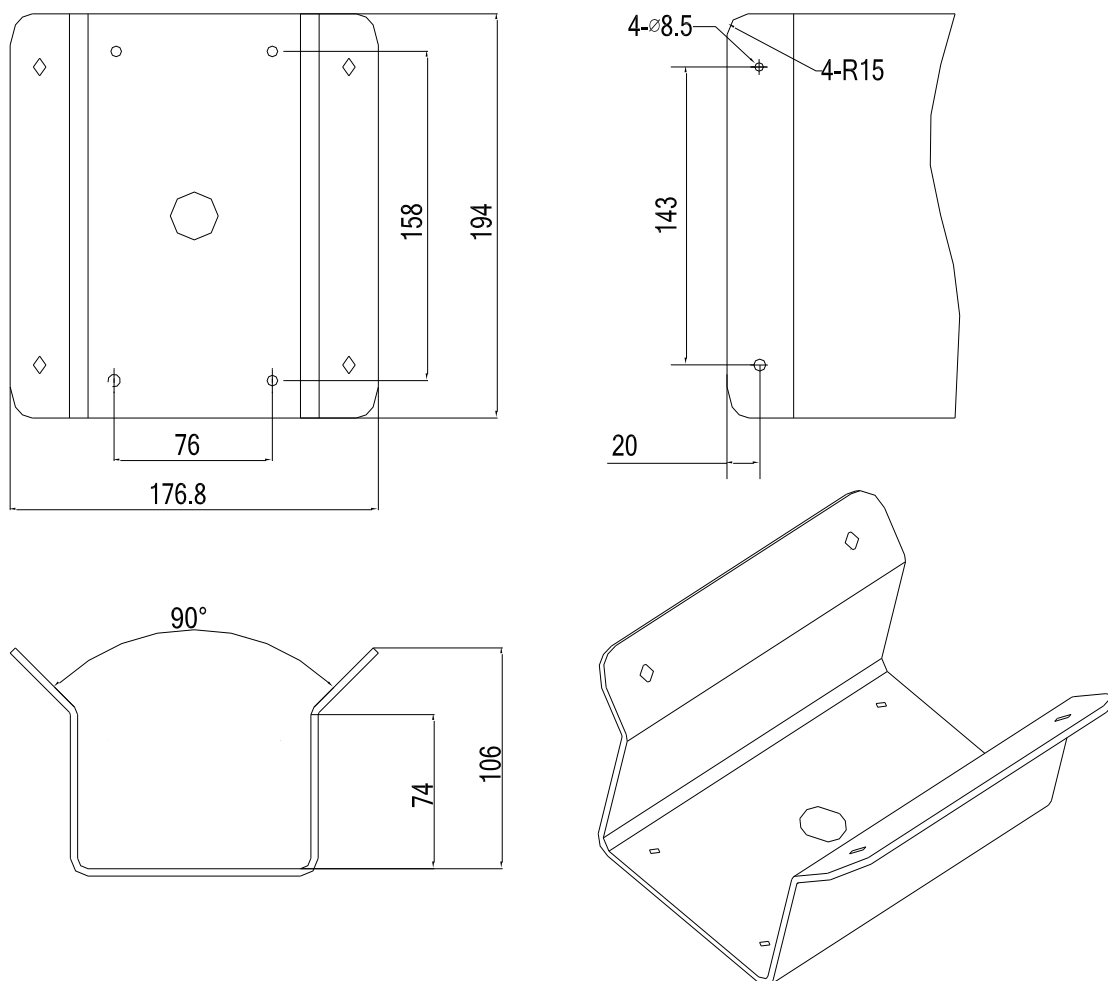


L'installation du modèle TVAC31210 est identique.

## 7.2 Montage des supports pour angle (TVAC31220)

### 7.2.1 Dimensions

#### TVAC31220

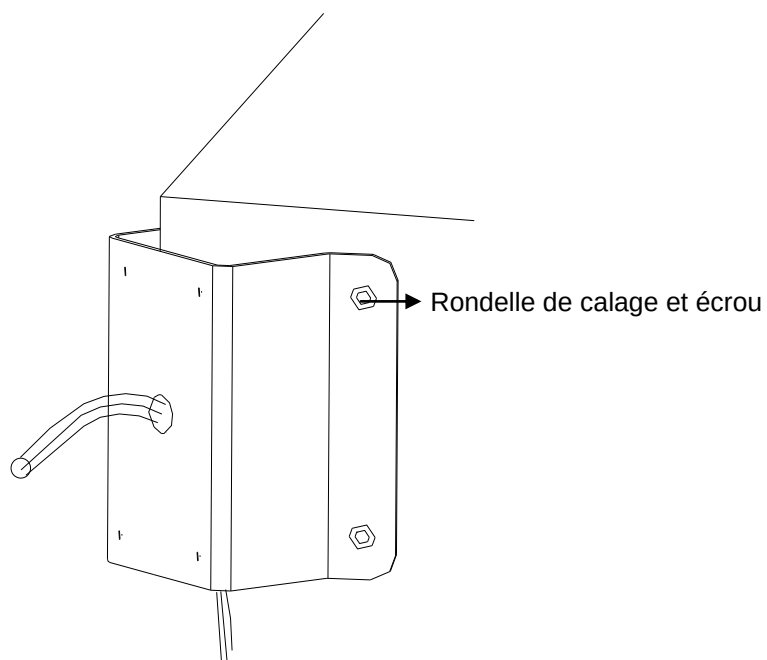


### 7.2.2 Montage

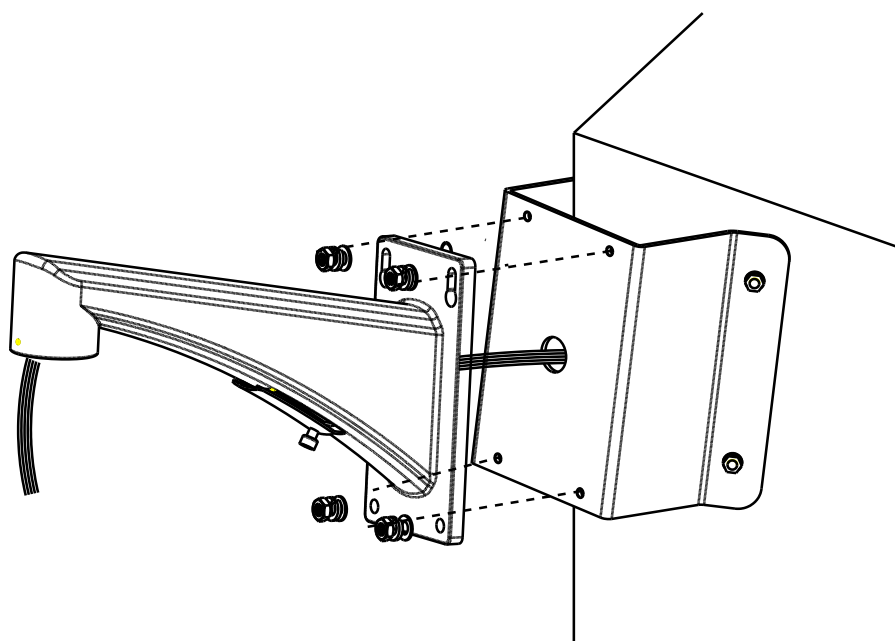
#### Avant de commencer :

- Le mur doit être assez épais pour pouvoir y installer des chevilles à expansion.
- Assurez-vous que le mur est assez solide pour pouvoir supporter 8 fois le poids du Speed Dome et du support.

1. Percez quatre trous dans le mur aux mesures requises et placez-y les chevilles à expansion correspondantes.
2. Faites passer le câble de raccordement dans le trou situé au milieu du support pour angle.
3. Mettez le support pour angle en place sur l'angle.
4. Fixez l'adaptateur à l'aide des rondelles de calage et des écrous.



5. Installez le joint entre le support pour angle et le support mural.
6. Vissez le support mural à l'aide des quatre vis filetées et de la rondelle élastique.



7. Continuez le montage du Speed Dome.

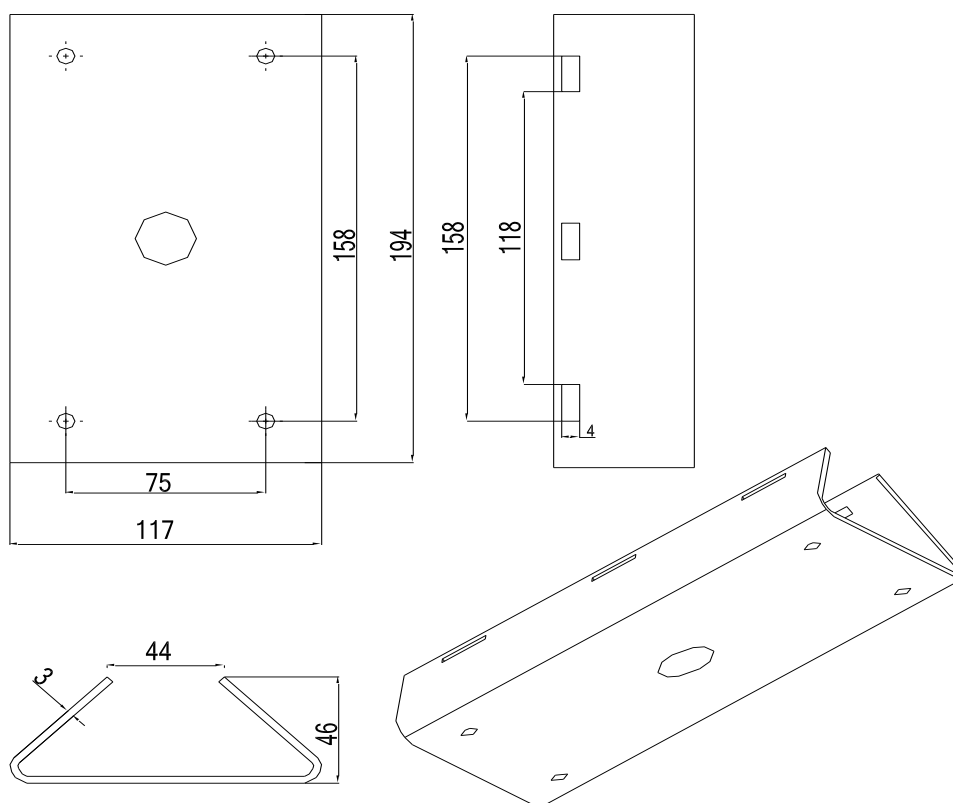


Vous trouverez plus d'informations sur le montage du Speed Dome dans le chapitre 4.

## 7.3 Montage des supports pour poteau (TVAC31220)

### 7.3.1 Dimensions

#### TVAC3130

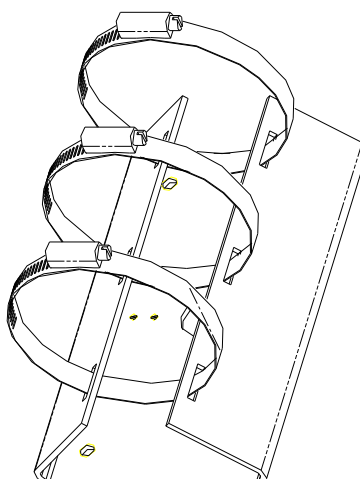


### 7.3.2 Montage

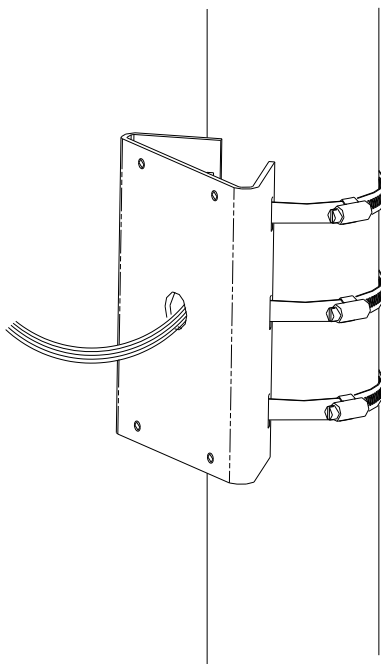
#### Avant de commencer :

- Le diamètre des brides en acier doit correspondre à celui du poteau.
- Assurez-vous que le poteau est assez solide pour pouvoir supporter 8 fois le poids du Speed Dome et du support.

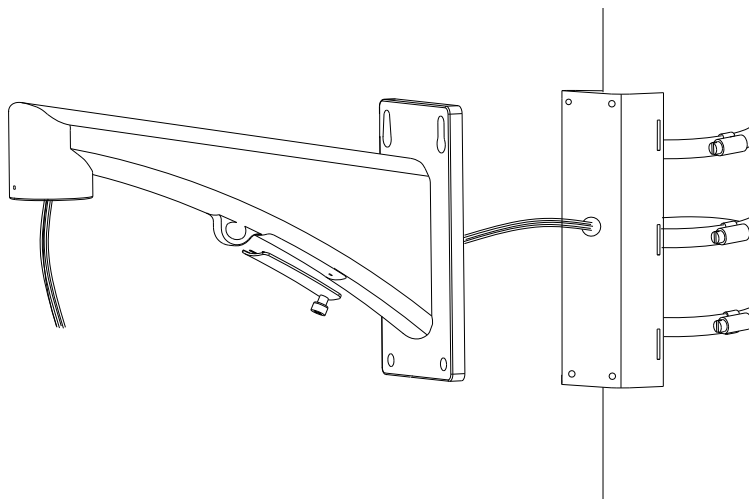
1. Desserrez les vis des brides en acier à l'aide d'un tournevis.
2. Faites-les passer dans les ouvertures du support pour poteau.



3. Faites passer le câble de raccordement dans le trou situé au milieu du support pour poteau.
4. Fixez les brides en acier au poteau en serrant les vis.



5. Installez le joint entre le support pour poteau et le support mural.
6. Vissez le support mural à l'aide des quatre vis filetées et de la rondelle élastique.



7. Continuez le montage du Speed Dome.



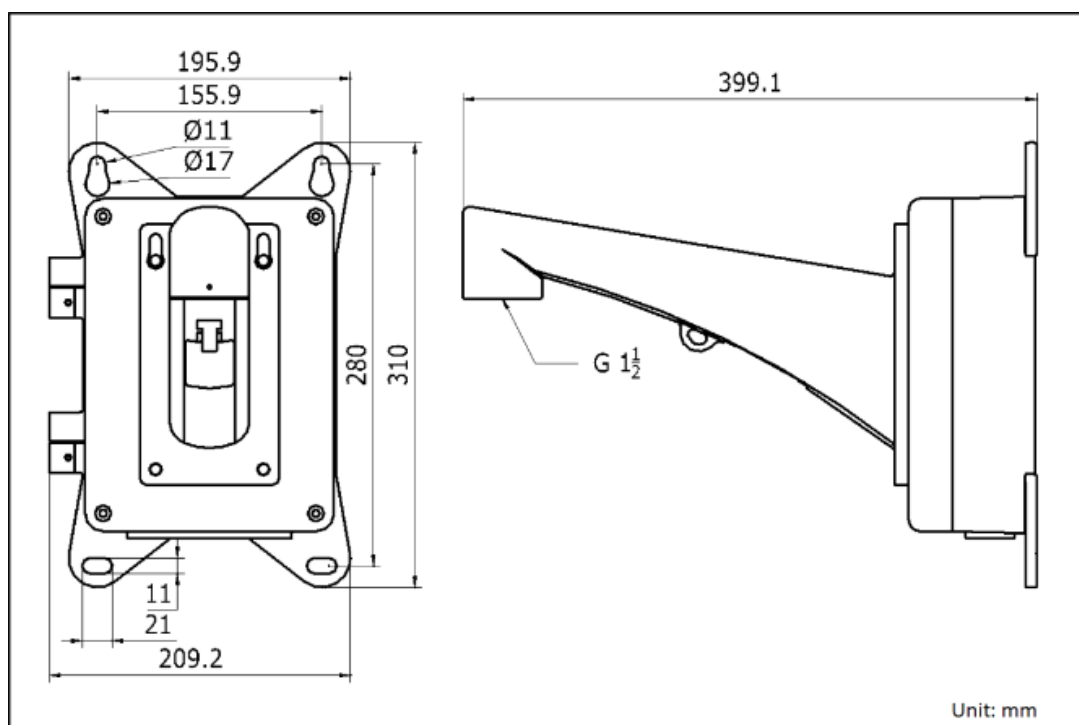
Vous trouverez plus d'informations sur le montage du Speed Dome dans le chapitre 4.



## 7.4 Montage des supports muraux, bloc d'alimentation compris (TVAC31240)

### 7.4.1 Dimensions

#### TVAC31240

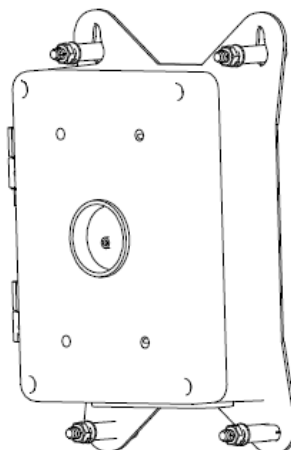


### 7.4.2 Montage

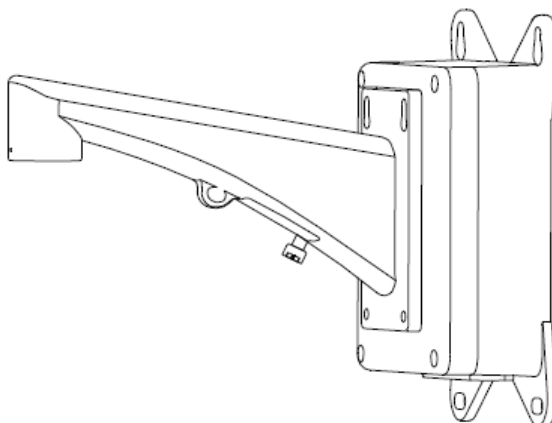
#### Avant de commencer :

- Le mur doit être assez épais pour pouvoir y installer des chevilles à expansion.
- Assurez-vous que le mur est assez solide pour pouvoir supporter 8 fois le poids du Speed Dome et du support.

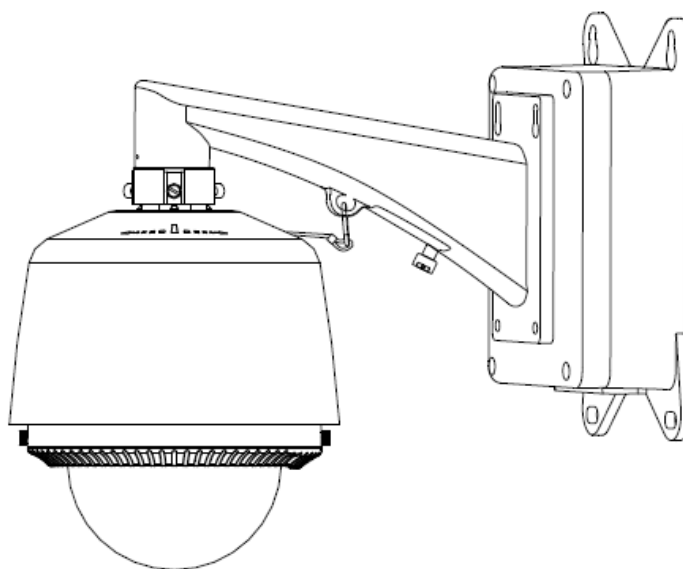
1. Percez quatre trous aux mesures indiquées dans la figure ci-dessus.
2. Et placez-y les chevilles à expansion.



3. Montez le support mural.



4. Faites passer tous les câbles dans le boîtier de montage du bloc d'alimentation et raccordez le Speed Dome.



Vous trouverez plus d'informations sur le montage du Speed Dome dans le chapitre 4.

**Vous trouverez des instructions détaillées en format PDF sur le CD joint**

1. Instructies vóór de installatie

|                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>Het symbool met de bliksemschicht in de driehoek wordt gebruikt wanneer er gevaar voor de gezondheid bestaat, bijv. door een elektrische schok.</p>                                                                      |  <p>Een driehoek met uitroepteken wijst op belangrijke instructies in deze gebruikershandleiding die absoluut in acht genomen moeten worden.</p>                       |
| <p>Gebruik de voeding die bij de leveringsomvang inbegrepen is.</p>                                                                                                                                                                                                                                           | <p>Laat de koepel niet vallen en bescherm deze tegen schokken. Vermijd installaties op trillende oppervlakken.</p>                                                                                                                                      |
| <p>Sluit geen meerdere domes op de voeding aan, want dit kan leiden tot overbelasting of brandgevaar.</p>                                                                                                                                                                                                     | <p>Vermijd installatie op extreem hete, koude, stoffige of vochtige plaatsen, omdat dit anders kan leiden tot brand of een elektrische schok. De bedrijfstemperatuur moet liggen tussen -30 °C ~ 65 °C (buitendome) en -10 °C ~ 50 °C (binnendome).</p> |
| <p>Zorg ervoor dat de spanningsvoorziening uitgeschakeld is, vooraleer u de voeding aansluit of de Speed Dome opent.</p>                                                                                                                                                                                      | <p>De koepel voor de binnendome moet beschermt zijn tegen regen en vocht.</p>                                                                                                                                                                           |
| <p>Indien rook, geur of geluiden uit de Speed Dome zouden komen, schakelt u het toestel onmiddellijk uit en neemt u contact op met onze technische support.</p>                                                                                                                                               | <p>Gebruik de meegeleverde handschoenen wanneer u de Speed Dome opent. Vermijd rechtstreeks contact met de koepel, omdat deze anders beschadigd kan worden.</p>                                                                                         |
| <p>Wanneer het product niet correct functioneert, neem dan contact op met uw dealer of onze technische support. Probeer nooit om de Speed Dome te demonteren.</p> <p>Wij aanvaarden geen verantwoordelijkheid voor problemen die veroorzaakt werden door niet-geautoriseerde reparatie of dito onderhoud.</p> | <p>Bewaar de verpakkingen en het schuimstof. In geval van een fout moet de Speed Dome in de originele verpakking worden teruggestuurd. Transport zonder originele verpakking kan tot schade aan de Speed Dome leiden en extra kosten veroorzaken.</p>   |

2. Leveringsomvang

2.1 TVCC80000



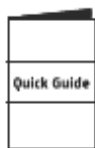
Dag/nacht PTZ 23x domecamera



Voeding



Adapterplaat



Beknopte handleiding



Handschoenen

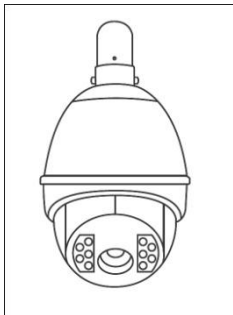


CD



Bevestigingsmateriaal

2.2 TVCC81000 / TVCC81500



Dag/nacht PTZ 23x buitendomecamera

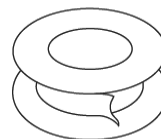
WDR DNR IR PTZ 36x buitendomecamera



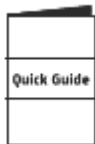
Voeding



Adapter



Teflonband



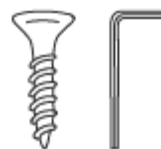
Beknopte handleiding



Handschoenen



CD

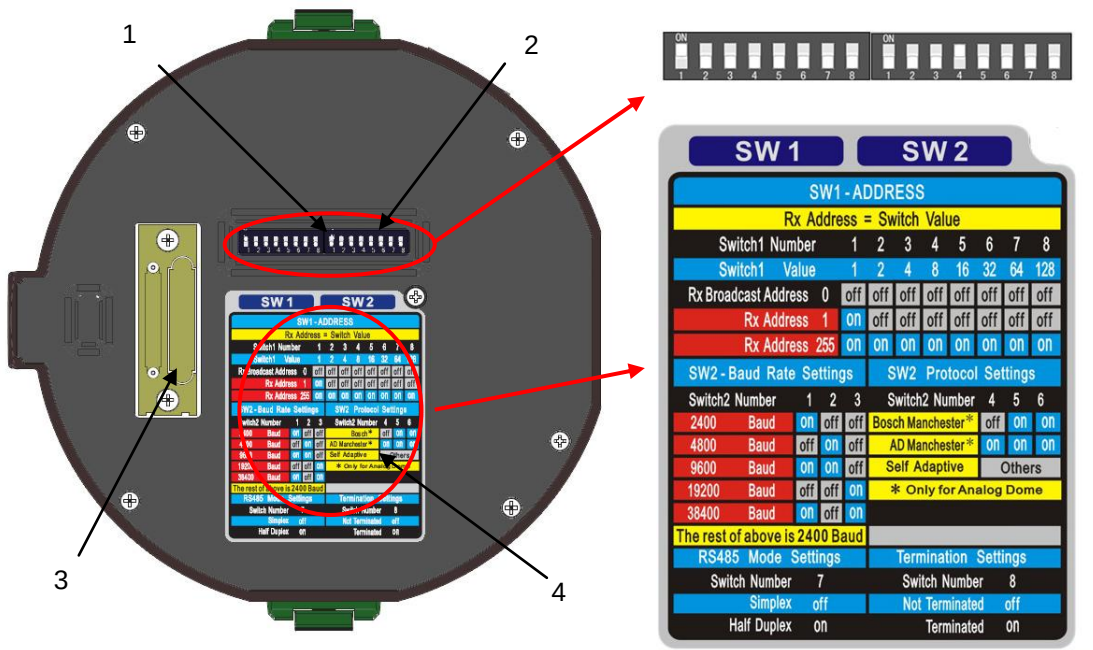


Bevestigingsmateriaal

3. Beschrijving van de aansluitingen

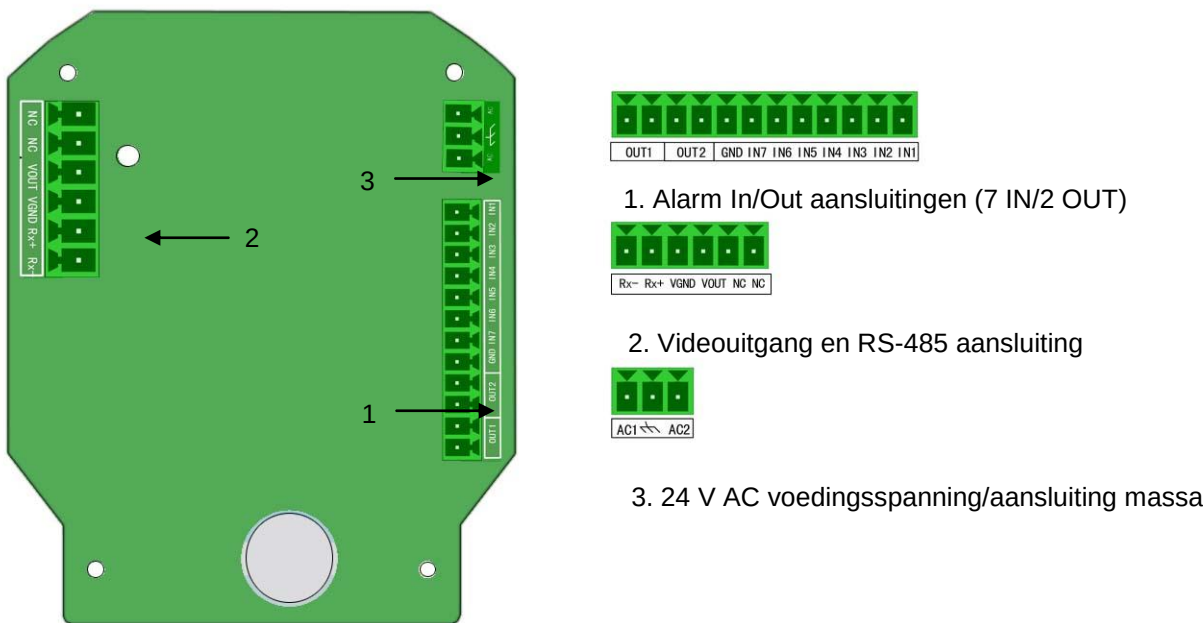
TVCC80000 / TVCC81000:

Aansluitingen buiten



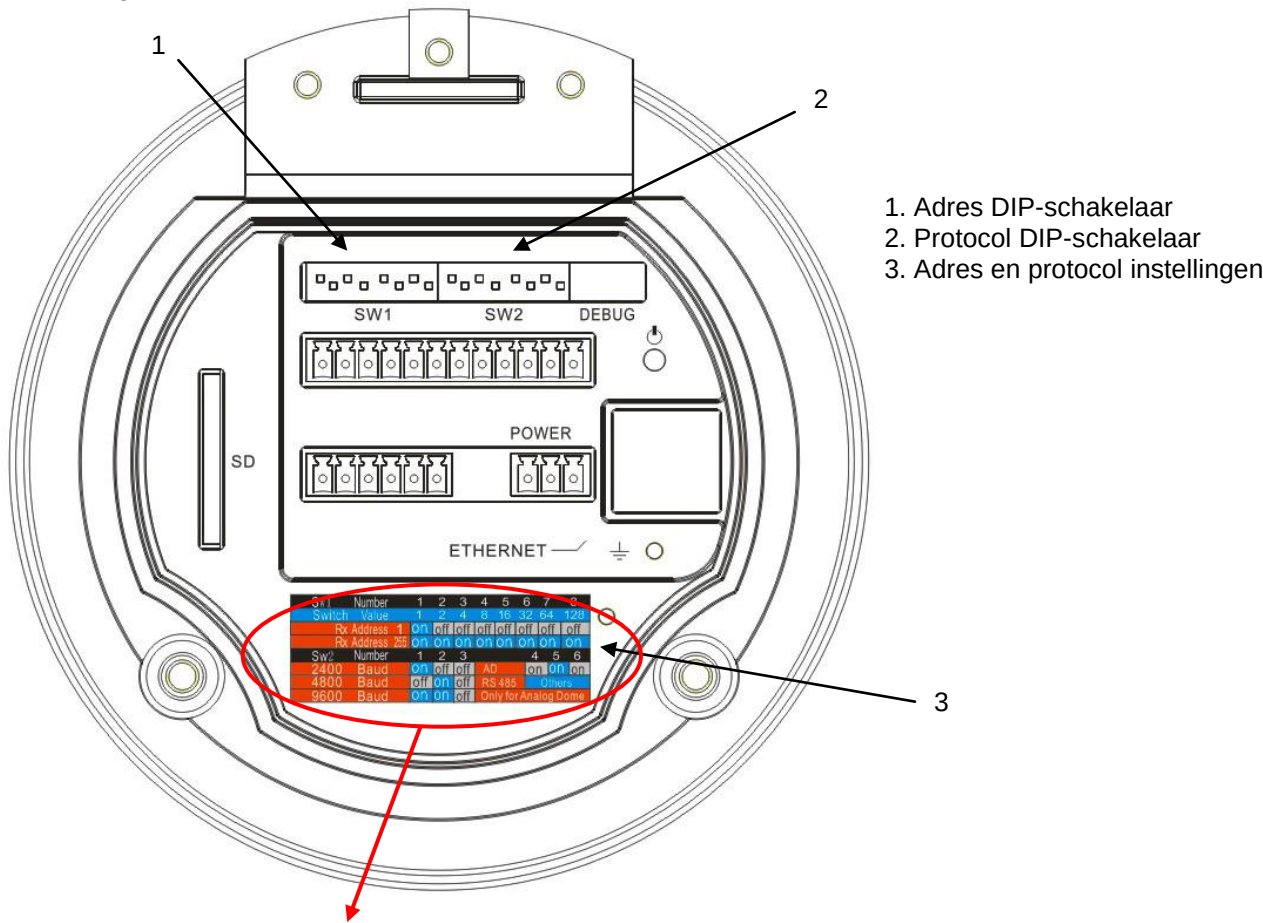
- 1. Adres DIP-schakelaar
- 2. Protocol DIP-schakelaar
- 3. Stekkerverbinding
- 4. Adres en protocol instellingen

Aansluitingen binnen



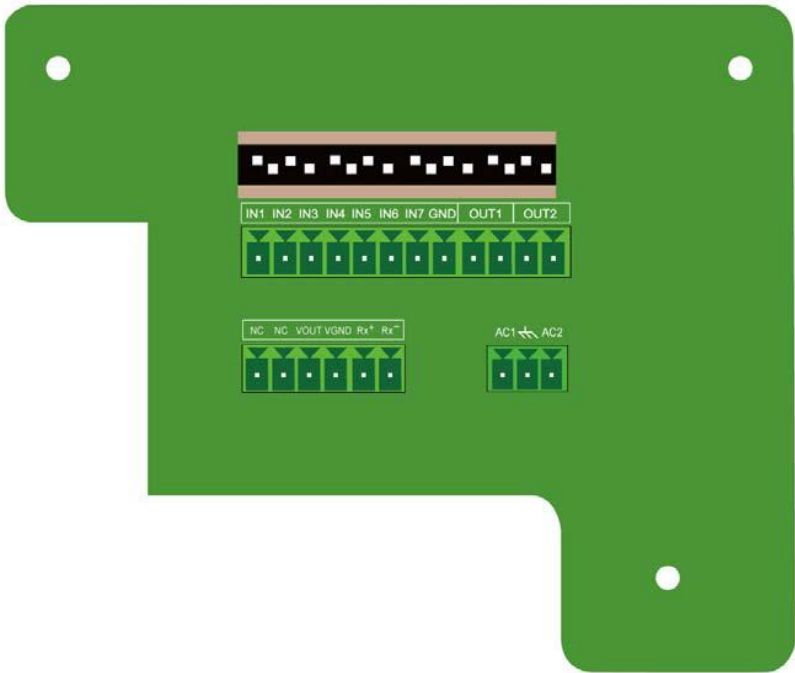
TVCC81500:

Aansluitingen buiten



| Sw1    | Number         | 1   | 2   | 3   | 4                    | 5   | 6      | 7   | 8   |
|--------|----------------|-----|-----|-----|----------------------|-----|--------|-----|-----|
| Switch | Value          | 1   | 2   | 4   | 8                    | 16  | 32     | 64  | 128 |
|        | Rx Address 1   | on  | off | off | off                  | off | off    | off | off |
|        | Rx Address 255 | on  | on  | on  | on                   | on  | on     | on  | on  |
| Sw2    | Number         | 1   | 2   | 3   | 4                    |     |        | 5   | 6   |
| 2400   | Baud           | on  | off | off | AD                   |     | on     | on  | on  |
| 4800   | Baud           | off | on  | off | RS 485               |     | Others |     |     |
| 9600   | Baud           | on  | on  | off | Only for Analog Dome |     |        |     |     |

Aansluitingen binnen:



1. Alarm In/Out aansluitingen (7 IN/2 OUT)



2. Stekkerverbinding RS-485 aansluiting

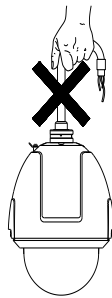


3. 24 V AC voedingsspanning/  
aansluiting massa

# 4. Installatie

## Vooraleer u start:

Controleer de leveringsomvang en verzeker u ervan dat de Speed Dome niet beschadigd is.

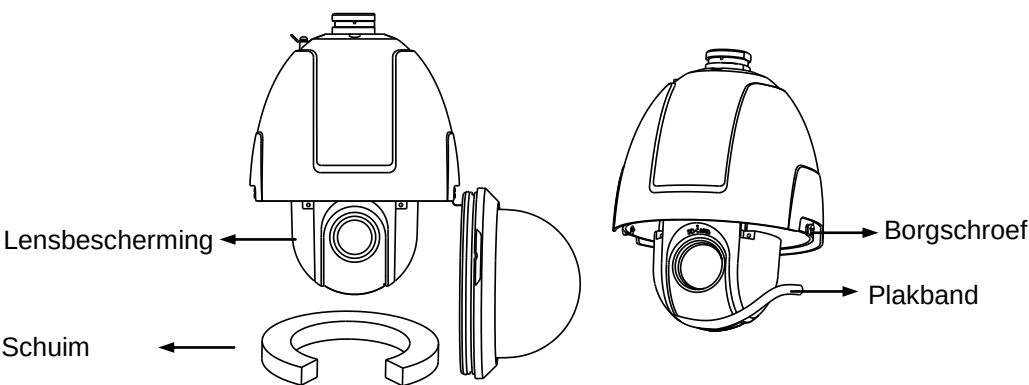




Neem de Speed Dome nooit vast aan de waterdichte kabel, omdat anders de waterdichtheid in het gedrang kan komen.

## 4.1 Wandmontage TVCC81100

1. Maak de beide borgschroeven aan de kant van de Speed Dome los en open vervolgens de koepel.
2. Verwijder de lensbescherming, het schuim en het plakband van de Dome.



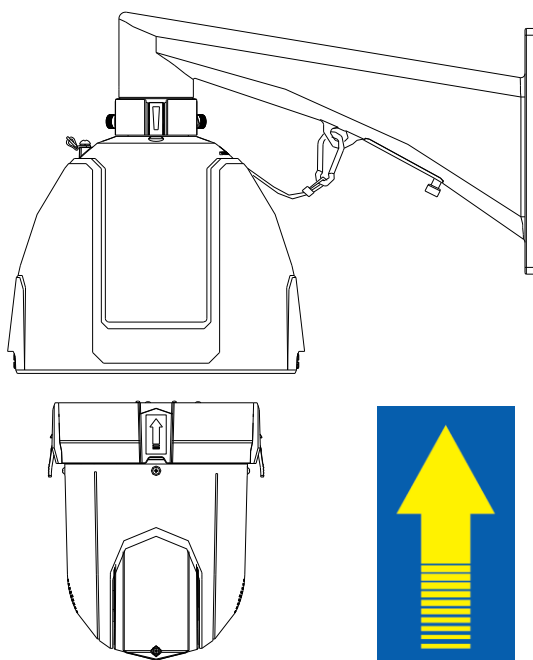
3. Verwijder de Speeddome met behulp van de twee borgveren aan de zijkant.
4. Configureer het dome-adres, de Baud Rate en overige instellingen door de DIP-schakelaars SW 1 en SW 2, zie beschrijving punt 3.



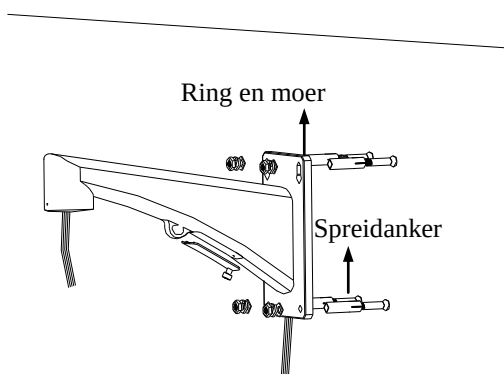
Omdat de Speed Dome Self-Adaptive ten opzichte van de PELCO-D, PELCO-P is, is hiervoor geen instelling wat betreft het protocol noodzakelijk.



5. Breng de dome vervolgens weer aan in de behuizing en sluit de behuizing.

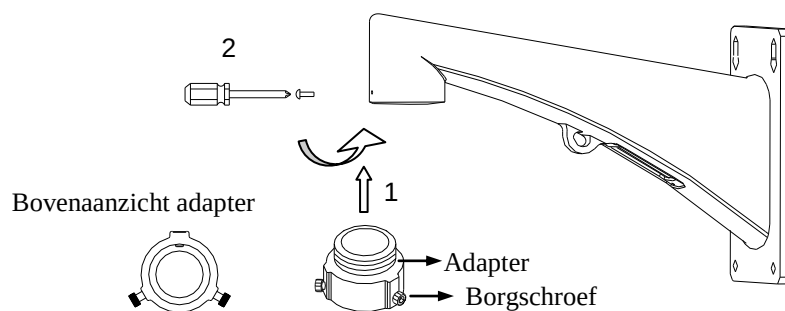


6. Boor vier gaten zoals in de houder in de wand en monteer het spreidanker in de wand.
7. Bevestig de afdichting tussen de wand en de houder met behulp van het spreidanker.
8. Monteer de houder met de ring en de moer.

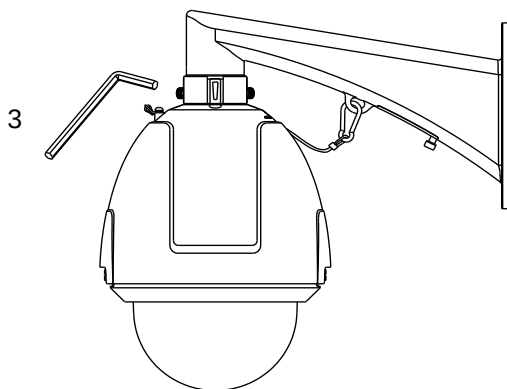
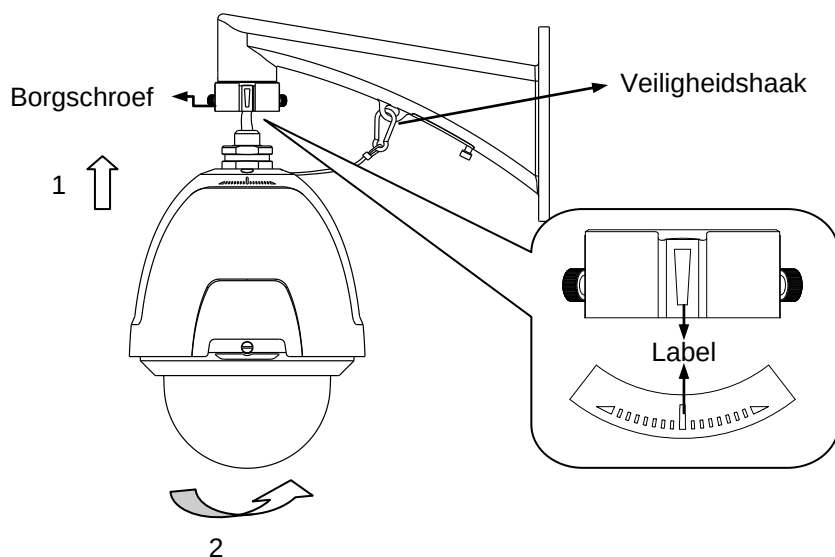


|  |                                                                                                                                                                                                                                                                               |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>Voor stenen wanden moeten de spreidankers absoluut worden gebruikt. Voor houten wanden kunt u houtschroeven (Spax) gebruiken. Verzekeer u ervan dat de wand sterk genoeg is om meer dan het 8-voudige van het gewicht van de Speed Dome en de houder te kunnen dragen.</p> |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

9. Bevestig de teflonband aan de schroefdraad van de adapter en schroef deze aansluitend in de houder.
10. Fixeer tot slot de adapter met behulp van de madeschroef.



11. Hang de Speed Dome met behulp van de veiligheidshaak in de houder. Leid aansluitend de kabels door de houder heen.
12. Richt het label van de adapter en van de Speed Dome uit. Draai aansluitend de behuizing met de klok mee vast. Beveilig de adapter met behulp van de beide borgschroeven.



Om de installatie te beëindigen verwijdert u de beschermfolie op de koepel.

## 4.2 Plafondmontage TVCC80000

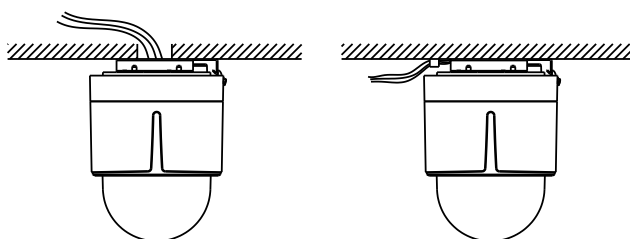
### Vooraleer u start:

De volgende punten zijn voorwaarden voor de montage:

- Het plafond moet minstens 5 tot 40 mm dik zijn.
- Het plafond moet voldoende sterk zijn om meer dan het 4-voudige gewicht van de Speed Dome en de accessoires te kunnen dragen.

#### 1. Kabels leggen

De kabels kunnen langs boven of via de zijkant naar de Speed Dome worden geleid. Als u de kabels langs boven wilt leiden, dan moet een gat voor de kabels worden geboord in het plafond.



#### 2. Montage

### Vooraleer u start:

- Voor houten wanden kunt u houtschroeven (Spax) gebruiken.
- Voor stenen wanden boort u overeenkomstig de afstanden tussen de gaten van de montageplaat vier gaten met Ø 5 in het plafond. Breng aansluitend vier passende pluggen aan.

2.1 Draai de koepel tegen de klok in om deze te openen en te verwijderen.

2.2 Verwijder de lensbescherming, het schuim en het plakband van de Dome.

2.3 Verwijder de Speeddome met behulp van de twee borgveren aan de zijkant.

2.4 Configureer het dome-adres, de Baud Rate en overige instellingen door de DIP-schakelaars SW 1 en SW 2, zie beschrijving punt 3.



Omdat de Speed Dome Self-Adaptive ten opzichte van de PELCO-D, PELCO-P is, is hiervoor geen instelling wat betreft het protocol noodzakelijk.

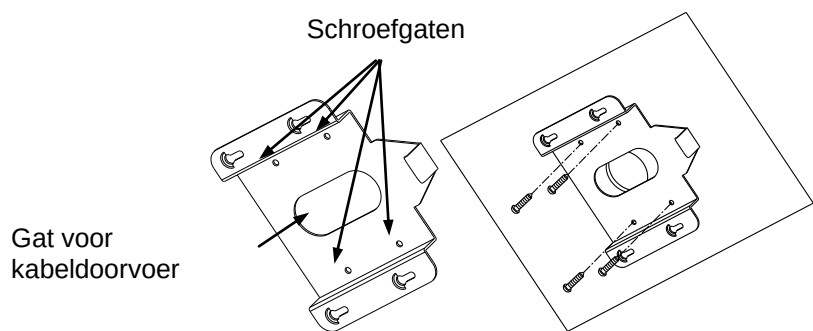
2.5 Als u alarm in- en uitgangen wilt aansluiten, open dan de bodemplaat en sluit de kabels aan volgens het punt „Beschrijving van de aansluitingen”.

2.6 Breng de dome vervolgens weer aan in de behuizing en sluit de behuizing.

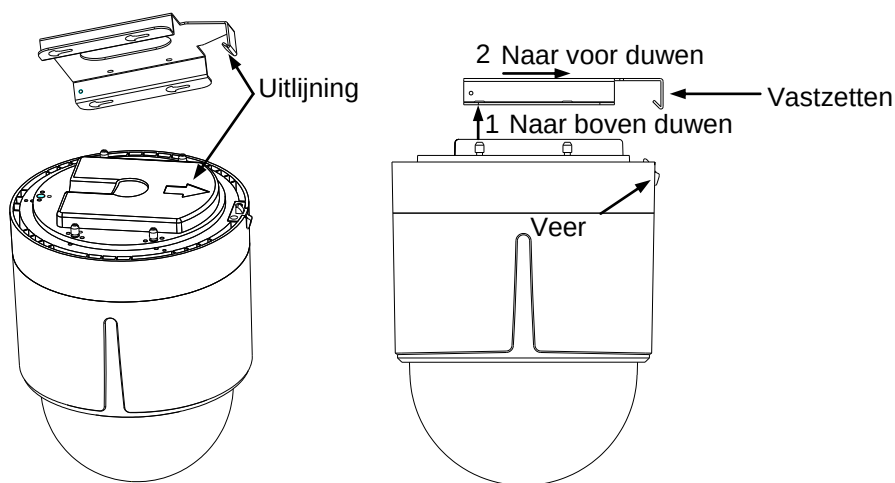
2.7 Monteer aansluitend de koepel terug op de Dome.

2.8 Gebruik de montageplaat als sjabloon om de vier boorgaten te markeren.

2.9 Als de kabels langs boven worden geleid, markeer dan het overeenkomstige gat voor de kabels en boor aansluitend alle gaten.



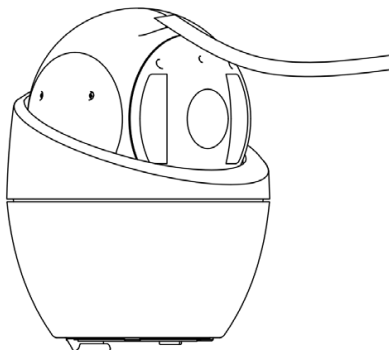
- 2.10 De Speed Dome in de montageplaat installeren
- 2.11 Leg de kabels voor de Speed Dome en richt de onderkant van de Speed Dome met de montageplaat uit conform de afbeelding.
- 2.12 Duw de Speed Dome naar boven en aansluitend naar voor in de richting van de pijl. Zodra de Speed Dome zich in de juiste positie bevindt, klikt de veer automatisch aan de montageplaat vast.



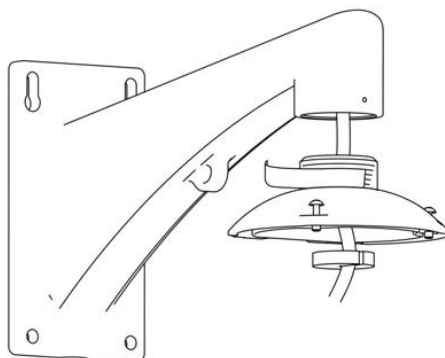
Om de installatie te beëindigen verwijdt u de beschermfolie op de koepel.

### 4.3 Wandmontage TVCC81500

1. Installeer de gewenste houder, zie punt 7 „Montage houders”.
2. Verwijder de kleefstrook van de dome.



3. Breng de montageplaat aan op de houder.

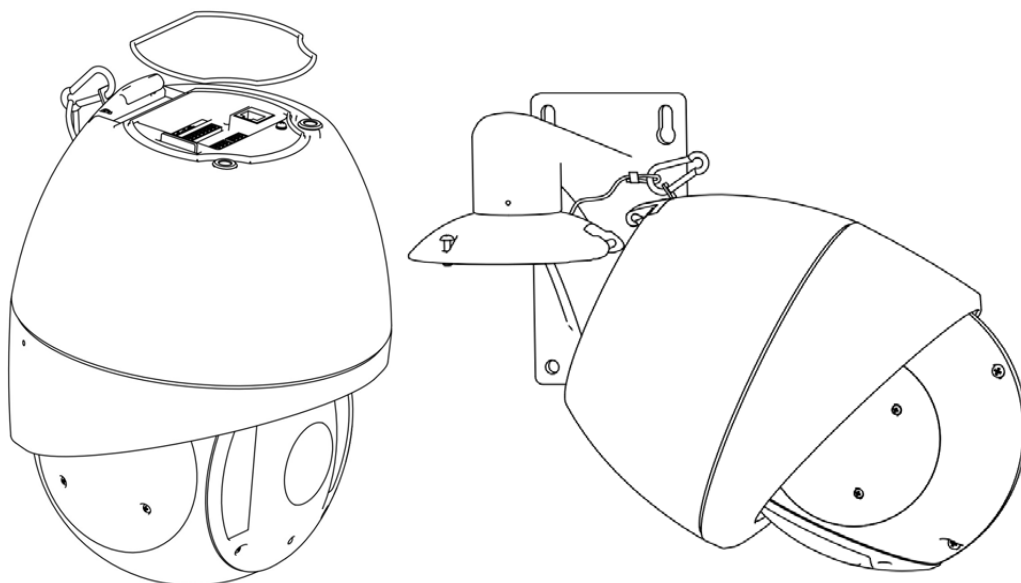


4. Configureer het dome-adres, de Baud Rate en overige instellingen door de DIP-schakelaars SW 1 en SW 2, zie beschrijving punt 3.

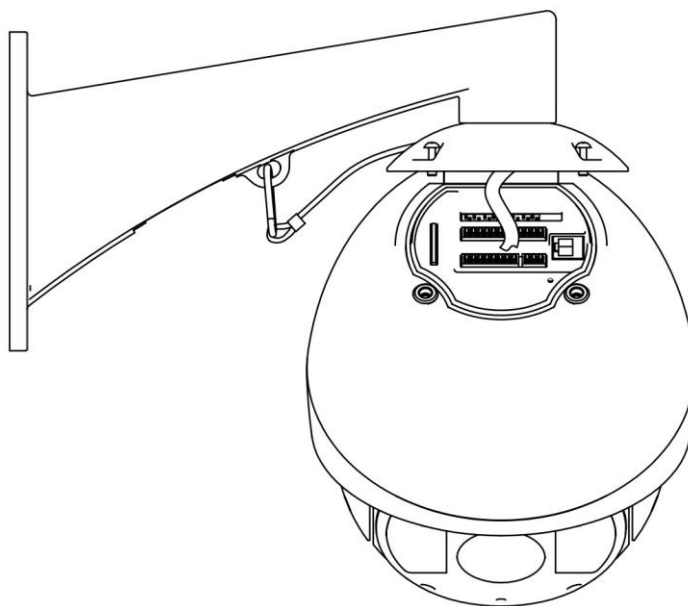


Omdat de Speed Dome Self-Adaptive ten opzichte van de PELCO-D, PELCO-P is, is hiervoor geen instelling wat betreft het protocol noodzakelijk.

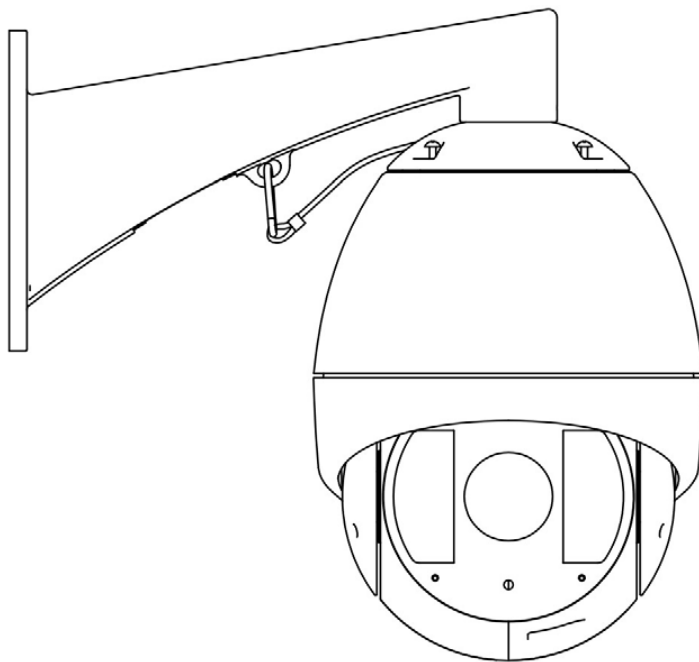
5. Breng de O-ring aan en haak de bevestigingshaak vast.



6. Bevestig de dome aan de adapterplaat en sluit de verbindingkabels dienovereenkomstig aan.



7. Gebruik de inbusbouten om de behuizing te sluiten en te fixeren.



5. DIP-schakelaar instellingen

5.1 Adres instellingen

De DIP-schakelaar SW1 wordt voor de instellingen van het adres van de dome gebruikt

| Dome-adres | SW1 instellingen                                                                      | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   |
|------------|---------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0          | SW1  | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 1          | SW1  | ON  | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 255        | SW1  | ON  | ON  | ON  | ON  | ON  | ON  | ON  | ON  |

Instellingen voor het adres (0~71):

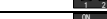
| SW1 positie | DIP-schakelaar SW1 instellingen |     |     |     |     |     |     |     |
|-------------|---------------------------------|-----|-----|-----|-----|-----|-----|-----|
| Adres       | 1                               | 2   | 3   | 4   | 5   | 6   | 7   | 8   |
| 0           | OFF                             | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 1           | ON                              | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 2           | OFF                             | ON  | OFF | OFF | OFF | OFF | OFF | OFF |
| 3           | ON                              | ON  | OFF | OFF | OFF | OFF | OFF | OFF |
| 4           | OFF                             | OFF | ON  | OFF | OFF | OFF | OFF | OFF |
| 5           | ON                              | OFF | ON  | OFF | OFF | OFF | OFF | OFF |
| 6           | OFF                             | ON  | ON  | OFF | OFF | OFF | OFF | OFF |
| 7           | ON                              | ON  | ON  | OFF | OFF | OFF | OFF | OFF |
| 8           | OFF                             | OFF | OFF | ON  | OFF | OFF | OFF | OFF |
| 9           | ON                              | OFF | OFF | ON  | OFF | OFF | OFF | OFF |
| 10          | OFF                             | ON  | OFF | ON  | OFF | OFF | OFF | OFF |
| 11          | ON                              | ON  | OFF | ON  | OFF | OFF | OFF | OFF |
| 12          | OFF                             | OFF | ON  | ON  | OFF | OFF | OFF | OFF |
| 13          | ON                              | OFF | ON  | ON  | OFF | OFF | OFF | OFF |
| 14          | OFF                             | ON  | ON  | ON  | OFF | OFF | OFF | OFF |
| 15          | ON                              | ON  | ON  | ON  | OFF | OFF | OFF | OFF |
| 16          | OFF                             | OFF | OFF | OFF | ON  | OFF | OFF | OFF |
| 17          | ON                              | OFF | OFF | OFF | ON  | OFF | OFF | OFF |
| 18          | OFF                             | ON  | OFF | OFF | ON  | OFF | OFF | OFF |
| 19          | ON                              | ON  | OFF | OFF | ON  | OFF | OFF | OFF |
| 20          | OFF                             | OFF | ON  | OFF | ON  | OFF | OFF | OFF |
| 21          | ON                              | OFF | ON  | OFF | ON  | OFF | OFF | OFF |
| 22          | OFF                             | ON  | ON  | OFF | ON  | OFF | OFF | OFF |
| 23          | ON                              | ON  | ON  | OFF | ON  | OFF | OFF | OFF |
| 24          | OFF                             | OFF | OFF | ON  | ON  | OFF | OFF | OFF |
| 25          | ON                              | OFF | OFF | ON  | ON  | OFF | OFF | OFF |
| 26          | OFF                             | ON  | OFF | ON  | ON  | OFF | OFF | OFF |
| 27          | ON                              | ON  | OFF | ON  | ON  | OFF | OFF | OFF |
| 28          | OFF                             | OFF | ON  | ON  | ON  | OFF | OFF | OFF |
| 29          | ON                              | OFF | ON  | ON  | ON  | OFF | OFF | OFF |
| 30          | OFF                             | ON  | ON  | ON  | ON  | OFF | OFF | OFF |
| 31          | ON                              | ON  | ON  | ON  | ON  | OFF | OFF | OFF |
| 32          | OFF                             | OFF | OFF | OFF | OFF | ON  | OFF | OFF |
| 33          | ON                              | OFF | OFF | OFF | OFF | ON  | OFF | OFF |
| 34          | OFF                             | ON  | OFF | OFF | OFF | ON  | OFF | OFF |
| 35          | ON                              | ON  | OFF | OFF | OFF | ON  | OFF | OFF |
| 36          | OFF                             | OFF | ON  | OFF | OFF | ON  | OFF | OFF |
| 37          | ON                              | OFF | ON  | OFF | OFF | ON  | OFF | OFF |
| 38          | OFF                             | ON  | ON  | OFF | OFF | ON  | OFF | OFF |
| 39          | ON                              | ON  | ON  | OFF | OFF | ON  | OFF | OFF |
| 40          | OFF                             | OFF | OFF | ON  | OFF | ON  | OFF | OFF |
| 41          | ON                              | OFF | OFF | ON  | OFF | ON  | OFF | OFF |



|    |     |     |     |     |     |     |     |     |
|----|-----|-----|-----|-----|-----|-----|-----|-----|
| 42 | OFF | ON  | OFF | ON  | OFF | ON  | OFF | OFF |
| 43 | ON  | ON  | OFF | ON  | OFF | ON  | OFF | OFF |
| 44 | OFF | OFF | ON  | ON  | OFF | ON  | OFF | OFF |
| 45 | ON  | OFF | ON  | ON  | OFF | ON  | OFF | OFF |
| 46 | OFF | ON  | ON  | ON  | OFF | ON  | OFF | OFF |
| 47 | ON  | ON  | ON  | ON  | OFF | ON  | OFF | OFF |
| 48 | OFF | OFF | OFF | OFF | ON  | ON  | OFF | OFF |
| 49 | ON  | OFF | OFF | OFF | ON  | ON  | OFF | OFF |
| 50 | OFF | ON  | OFF | OFF | ON  | ON  | OFF | OFF |
| 51 | ON  | ON  | OFF | OFF | ON  | ON  | OFF | OFF |
| 52 | OFF | OFF | ON  | OFF | ON  | ON  | OFF | OFF |
| 53 | ON  | OFF | ON  | OFF | ON  | ON  | OFF | OFF |
| 54 | OFF | ON  | ON  | OFF | ON  | ON  | OFF | OFF |
| 55 | ON  | ON  | ON  | OFF | ON  | ON  | OFF | OFF |
| 56 | OFF | OFF | OFF | ON  | ON  | ON  | OFF | OFF |
| 57 | ON  | OFF | OFF | ON  | ON  | ON  | OFF | OFF |
| 58 | OFF | ON  | OFF | ON  | ON  | ON  | OFF | OFF |
| 59 | ON  | ON  | OFF | ON  | ON  | ON  | OFF | OFF |
| 60 | OFF | OFF | ON  | ON  | ON  | ON  | OFF | OFF |
| 61 | ON  | OFF | ON  | ON  | ON  | ON  | OFF | OFF |
| 62 | OFF | ON  | ON  | ON  | ON  | ON  | OFF | OFF |
| 63 | ON  | ON  | ON  | ON  | ON  | ON  | OFF | OFF |
| 64 | OFF | OFF | OFF | OFF | OFF | OFF | ON  | OFF |
| 65 | ON  | OFF | OFF | OFF | OFF | OFF | ON  | OFF |
| 66 | OFF | ON  | OFF | OFF | OFF | OFF | ON  | OFF |
| 67 | ON  | ON  | OFF | OFF | OFF | OFF | ON  | OFF |
| 68 | OFF | OFF | ON  | OFF | OFF | OFF | ON  | OFF |
| 69 | ON  | OFF | ON  | OFF | OFF | OFF | ON  | OFF |
| 70 | OFF | ON  | ON  | OFF | OFF | OFF | ON  | OFF |
| 71 | ON  | ON  | ON  | OFF | OFF | OFF | ON  | OFF |

5.2 Baud Rate instellingen

Posities 1-3 van DIP-schakelaar SW2 worden voor de instelling van de Baud Rate van de dome gebruikt.

| DIP-schakelaar SW2-Baud Rate instellingen |                          |                                                                                     |     |     |     |
|-------------------------------------------|--------------------------|-------------------------------------------------------------------------------------|-----|-----|-----|
| Baud Rate                                 | Positie 1-3 instellingen |                                                                                     | 1   | 2   | 3   |
| 2400                                      | SW2                      |  | ON  | OFF | OFF |
| 4800                                      | SW2                      |  | OFF | ON  | OFF |
| 9600                                      | SW2                      |  | ON  | ON  | OFF |
| 19200<br>(alleen<br>TVCC8x000)            | SW2                      |  | OFF | OFF | ON  |
| 38400<br>(alleen<br>TVCC8x000)            | SW2                      |  | ON  | OFF | ON  |

5.3 Protocol instellingen

Posities 4-6 van DIP-schakelaar SW2 worden voor de instelling van het protocol van de dome gebruikt.

| DIP-schakelaar SW2-protocol instellingen |                           |                                                                                     |  |     |    |    |
|------------------------------------------|---------------------------|-------------------------------------------------------------------------------------|--|-----|----|----|
| Protocol                                 | Posities 4-6 instellingen |                                                                                     |  | 4   | 5  | 6  |
| Bosch Manchester                         | SW 2                      |  |  | OFF | ON | ON |
| AD Manchester                            | SW 2                      |  |  | ON  | ON | ON |
| Self-adaptive                            | Overige                   |                                                                                     |  |     |    |    |

5.4 Simplex/halfduplex instellingen

Positie 7 van de DIP-schakelaar SW2 wordt voor de instelling van de communicatie gebruikt.

| DIP-schakelaar SW2-simplex/halfduplex instellingen |                                                                                   |     |
|----------------------------------------------------|-----------------------------------------------------------------------------------|-----|
| Beschrijving                                       | Positie 7 instellingen                                                            | 7   |
| Simplex                                            |  | OFF |
| Half-duplex                                        |  | ON  |

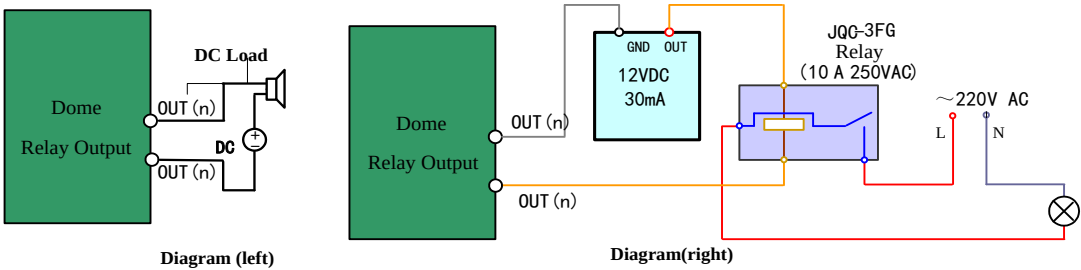
5.5 Afsluitweerstand instellingen

Positie 8 van de DIP-schakelaar SW2 wordt voor de instelling van de afsluitweerstand gebruikt.

| DIP-schakelaar SW2-afsluitweerstand instellingen |                                                                                   |     |
|--------------------------------------------------|-----------------------------------------------------------------------------------|-----|
| Beschrijving                                     | Positie 8 instellingen                                                            | 8   |
| Nee                                              |  | OFF |
| Ja                                               |  | ON  |

6. Alarm IN/OUT

6.1 Schakelschema



Schakelschema links:

hiermee kunnen eindverbruikers met de volgende last worden geschakeld.

DC: max. 12 V DC, 30 mA

Schakelschema rechts:

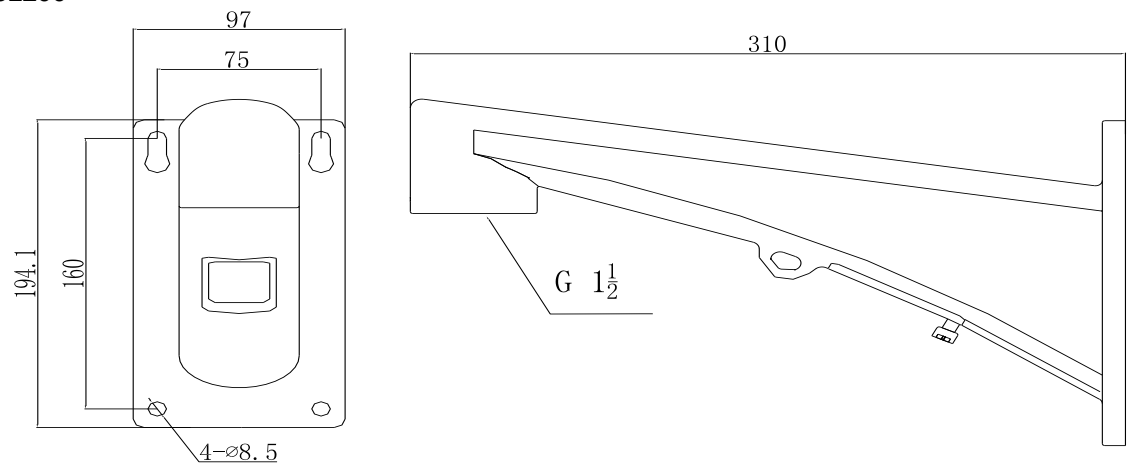
Er moet een extern relais worden gebruikt om elektrische schade aan de dome te vermijden.

7. Houders monteren

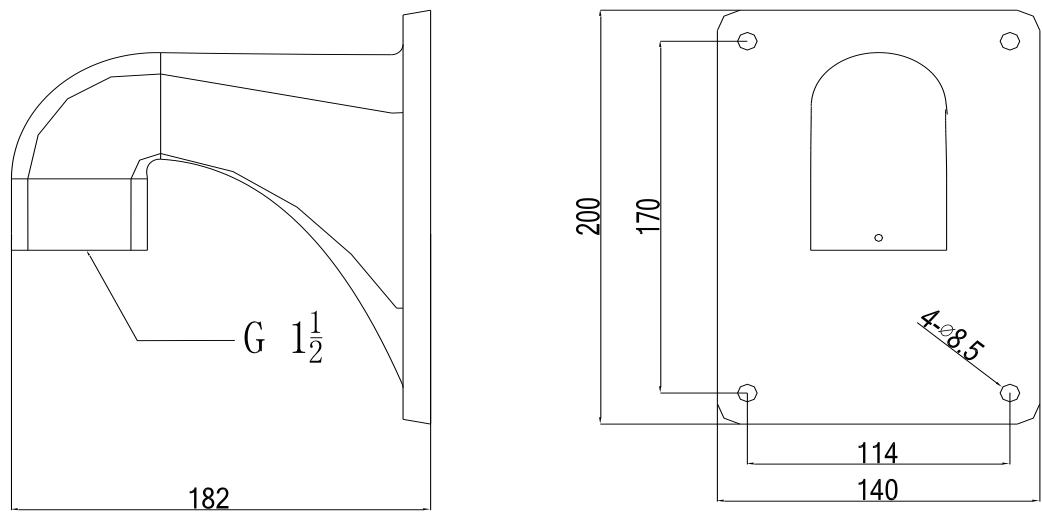
7.1 Montage wandhouder (TVAC31200/TVAC31210)

7.1.1 Afmetingen

TVAC31200



TVAC31210

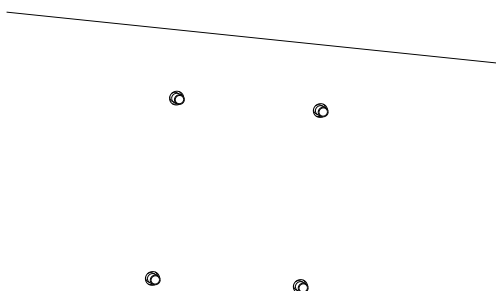


## 7.1.2 Montage

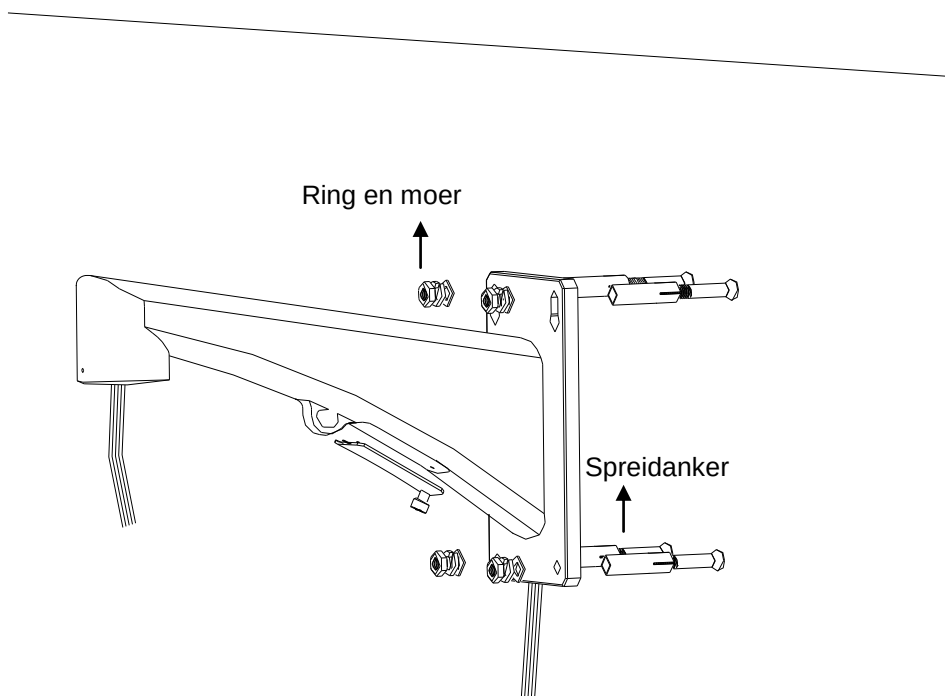
### Vooraleer u start:

- De wand moet voldoende dik zijn om de spreidankers te kunnen monteren.
- Verzekert u ervan dat de wand sterk genoeg is om meer dan het 8-voudige van het gewicht van de Speed Dome en de houder te kunnen dragen.

1. Boor vier gaten overeenkomstig de afmetingen in de wand en monteer aansluitend het spreidanker.



2. Bevestig de afdichting tussen de wand en de houder met behulp van het spreidanker.
3. Monteer de houder met de ring en de moer.

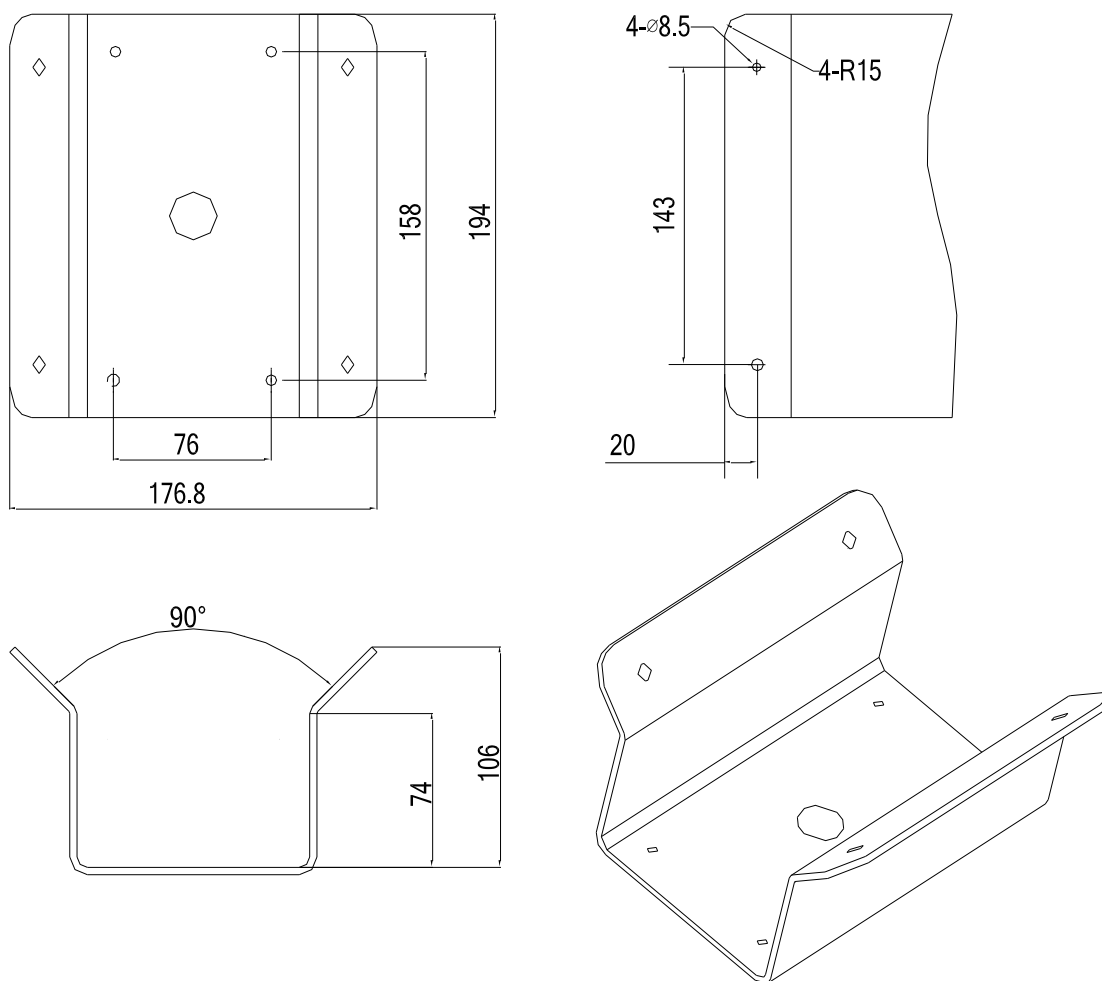


De installatie voor TVAC31210 is identiek.

## 7.2 Montage hoekhouder (TVAC31220)

### 7.2.1 Afmetingen

#### TVAC31220

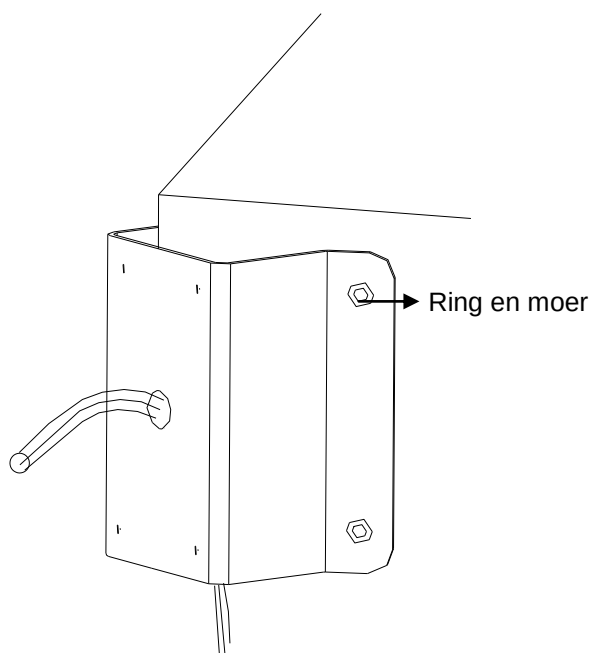


### 7.2.2 Montage

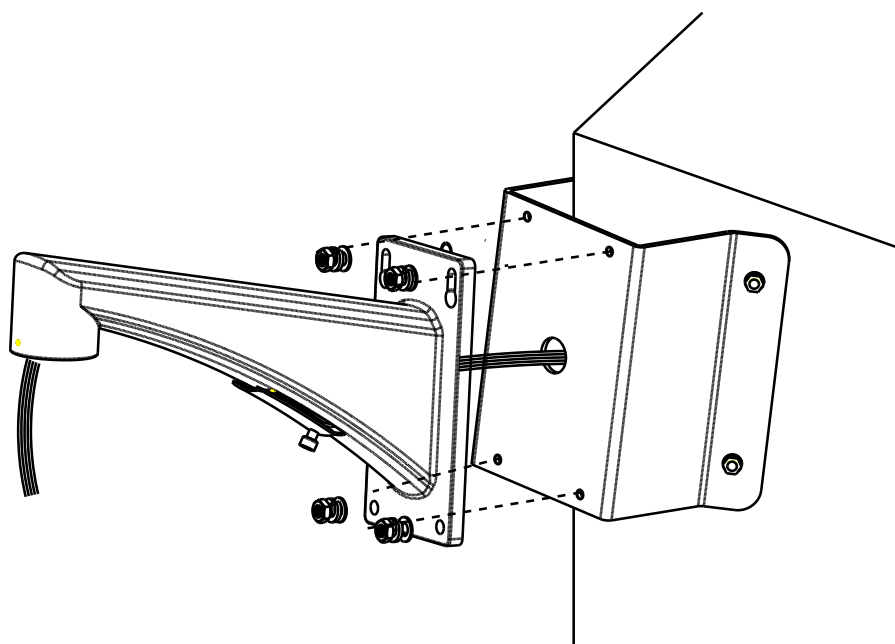
#### Vooraleer u start:

- De wand moet voldoende dik zijn om de spreadankers te kunnen monteren.
- Verzekert u ervan dat de wand sterk genoeg is om meer dan het 8-voudige van het gewicht van de Speed Dome en de houder te kunnen dragen.

1. Boor vier gaten overeenkomstig de afmetingen in de wand en monteer aansluitend passende spreadankers.
2. Trek de aansluitkabels door het middelste gat van de hoekhouder.
3. Plaats de hoekhouder in de hoek.
4. Bevestig de adapter met de ring en de moeren.



5. Breng de afdichting aan tussen de hoekhouder en de wandhouder.
6. Schroef de wandhouder vast met behulp van de vier tapschroeven en de veerring.



7. Ga verder met de montage van de Speed Dome.

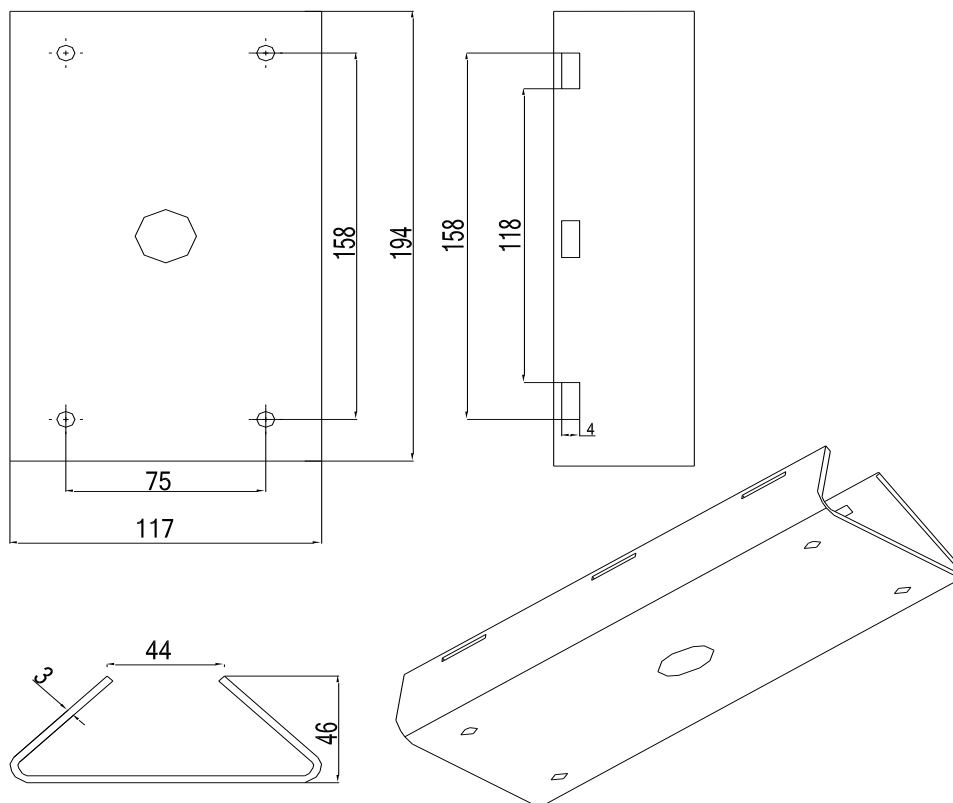


Verdere aanwijzingen voor de montage van de Speed Dome vindt u in hoofdstuk 4.

## 7.3 Montage masthouder (TVAC31230)

### 7.3.1 Afmetingen

#### TVAC3130

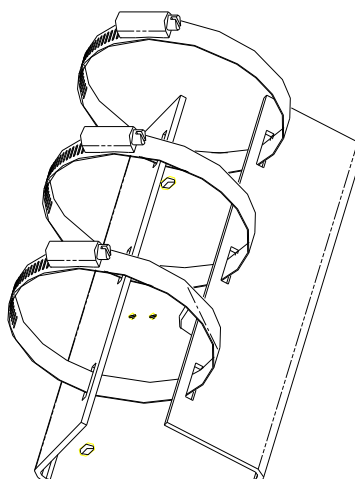


### 7.3.2 Montage

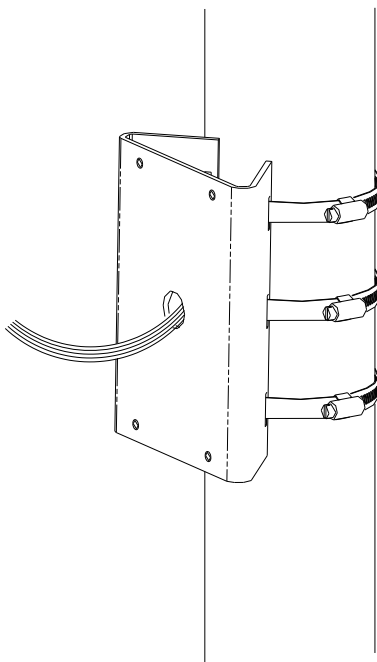
#### Vooraleer u start:

- De diameter van de roestvrijstalen beugel moet overeenkomen met de diameter van de mast.
- Verzekert u ervan dat de mast sterk genoeg is om meer dan het 8-voudige van het gewicht van de Speed Dome en de houder te kunnen dragen.

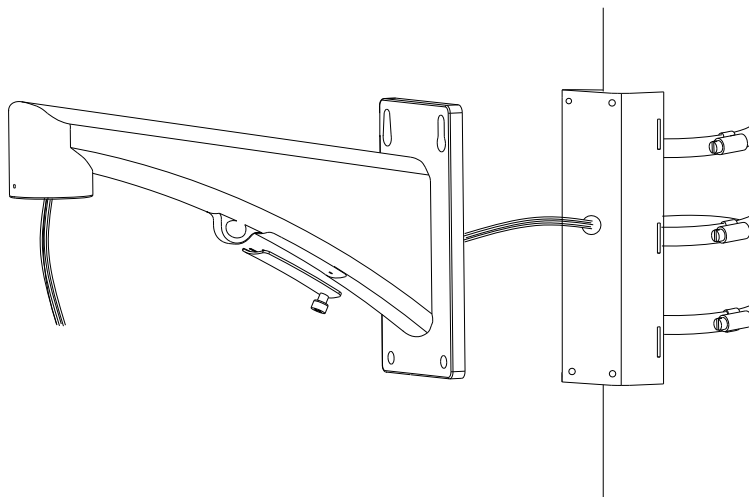
1. Maak de schroeven van de roestvrijstalen beugel met een schroevendraaier los.
2. Steek deze door de openingen in de masthouder.



3. Trek de aansluitkabels door het middelste gat van de masthouder.
4. Bevestig de roestvrijstalen beugel aan de mast door de schroeven vast te draaien.



5. Breng de afdichting aan tussen de masthouder en de wandhouder.
6. Schroef de wandhouder vast met behulp van de vier tapschroeven en de veerring.



7. Ga verder met de montage van de Speed Dome.



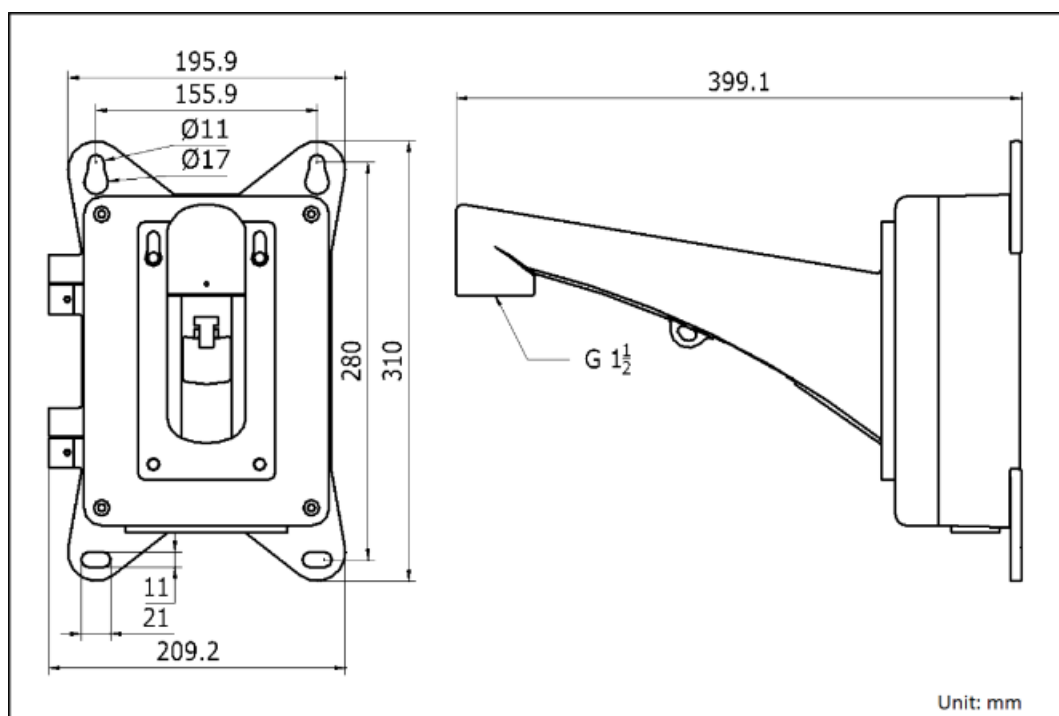
Verdere aanwijzingen voor de montage van de Speed Dome vindt u in hoofdstuk 4.



## 7.4 Montage wandhouder incl. montage voeding (TVAC31240)

### 7.4.1 Afmetingen

#### TVAC31240

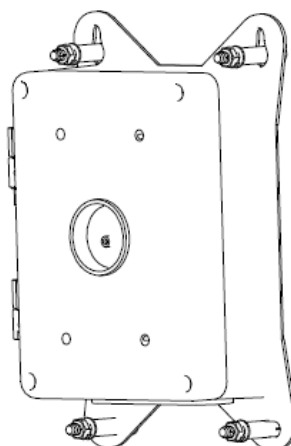


### 7.4.2 Montage

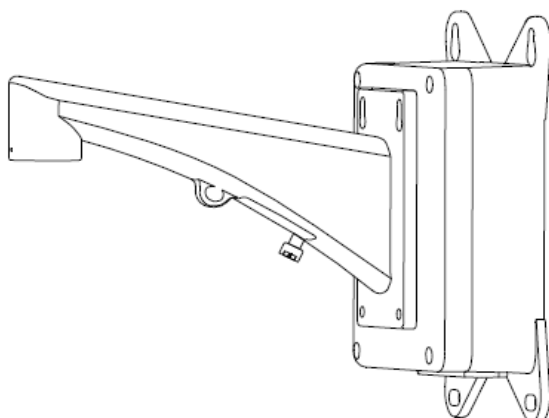
#### Vooraleer u start:

- De wand moet voldoende dik zijn om de spreadankers te kunnen monteren.
- Verzekert u ervan dat de wand sterk genoeg is om meer dan het 8-voudige van het gewicht van de Speed Dome en de houder te kunnen dragen.

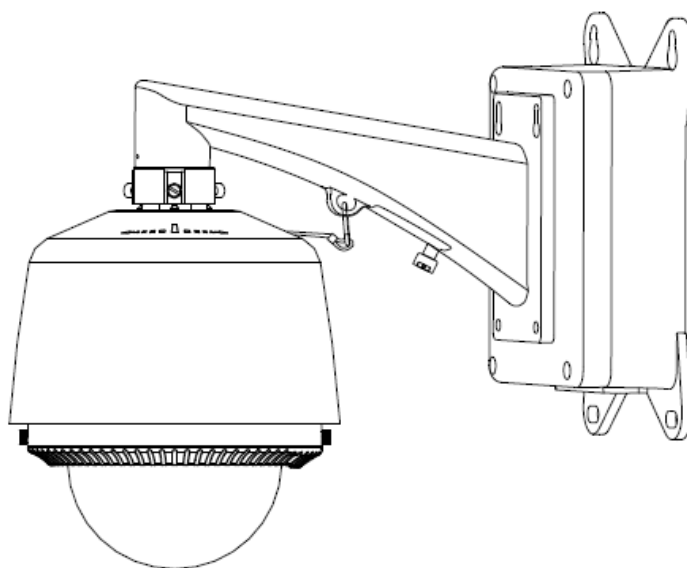
1. Boor vier gaten conform de afmetingen op de afbeelding hierboven.
2. Breng de spreadankers aan.



3. Monteer de wandhouder.



4. Leid alle leidingen door de montagebox voor de voeding en sluit de Speed Dome overeenkomstig aan.



Verdere aanwijzingen voor de montage van de Speed Dome vindt u in hoofdstuk 4.

**Een uitgebreide handleiding vindt u in PDF-formaat op de meegeleverde cd.**

## 1. Henvisninger før installationen

|                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>Symbolet med lynet i trekanten anvendes, når der er fare for helbredet, f.eks. på grund af elektrisk stød.</b></p>                                                                          |  <p><b>Et udråbstegn, der befinder sig i trekanten, gør opmærksom på vigtige henvisninger i betjeningsvejledningen, som ubetinget skal overholdes.</b></p> |
| <p>Anvend den strømforsyning, der er indeholdt i leveringsomfanget.</p>                                                                                                                                                                                                             | <p>Lad ikke kuplen falde ned, og beskyt den mod stød. Undgå installationer på vibrerende overflader.</p>                                                                                                                                    |
| <p>Undgå at tilslutte flere dome til en strømforsyning, da det kan føre til overbelastning og brandfare.</p>                                                                                                                                                                        | <p>Undgå installation på ekstremt varme, kolde, støvede eller fugtige steder, da der ellers kan opstå brand eller elektrisk stød. Driftstemperaturen skal ligge ved -30 °C ~ 65 °C (udendørs dome) og -10°~ 50 °C (indendørs dome).</p>     |
| <p>Sørg for, at spændingsforsyningen er afbrudt, før strømforsyningen tilsluttes, eller speed-dome åbnes.</p>                                                                                                                                                                       | <p>Kuplen til den indendørs dome skal beskyttes mod regn og fugt.</p>                                                                                                                                                                       |
| <p>Hvis der kommer røg, lugte eller lyde ud af speed-dome, skal apparatet straks frakobles og vores tekniske support kontaktes.</p>                                                                                                                                                 | <p>Anvend de vedlagte handsker, når speed-dome åbnes. Undgå direkte kontakt med kuplen, da den ellers kan beskadiges.</p>                                                                                                                   |
| <p>Hvis produktet ikke fungerer korrekt, bedes du henvende dig til din forhandler eller vores tekniske support. Forsøg aldrig at afmontere speed-dome.</p> <p>Vi påtager os intet ansvar for problemer, som er forårsaget af ikke-autoriseret reparation eller vedligeholdelse.</p> | <p>Opbevar emballagen og skumplast. I tilfælde af fejl skal speed-dome returnes i den originale emballage. En transport uden original emballage kan føre til skader på speed-dome og forårsage merudgifter.</p>                             |

2. Leveringsomfang

2.1 TVCC80000



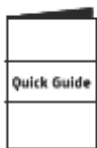
PTZ 23x dag/nat-domekamera



Strømforsyning



Adapterplade



Quickguide



Handsker

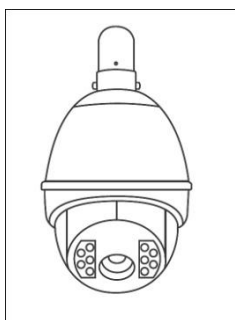


Cd



Monteringsmateriale

2.2 TVCC81000 / TVCC81500



PTZ 23x udendørs dag/nat-domekamera

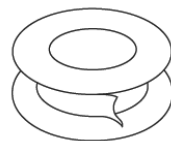
WDR DNR IR PTZ 36x udendørs domekamera



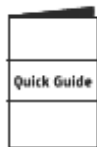
Strømforsyning



Adapter



Teflonbånd



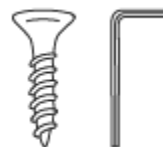
Quickguide



Handsker



Cd

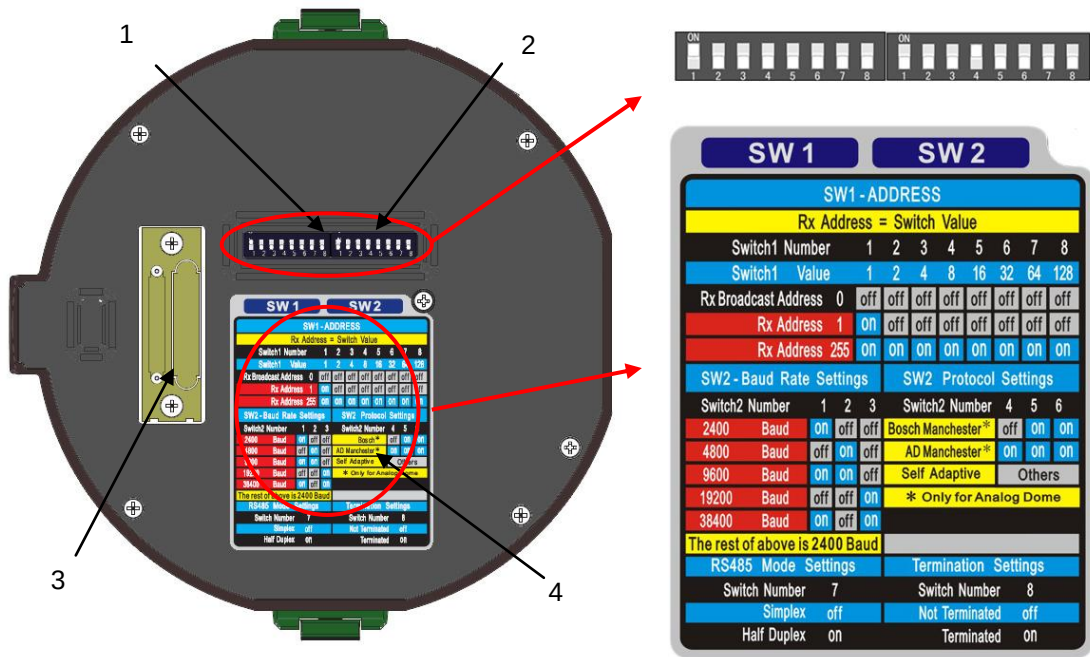


Monteringsmateriale

3. Beskrivelse af tilslutningerne

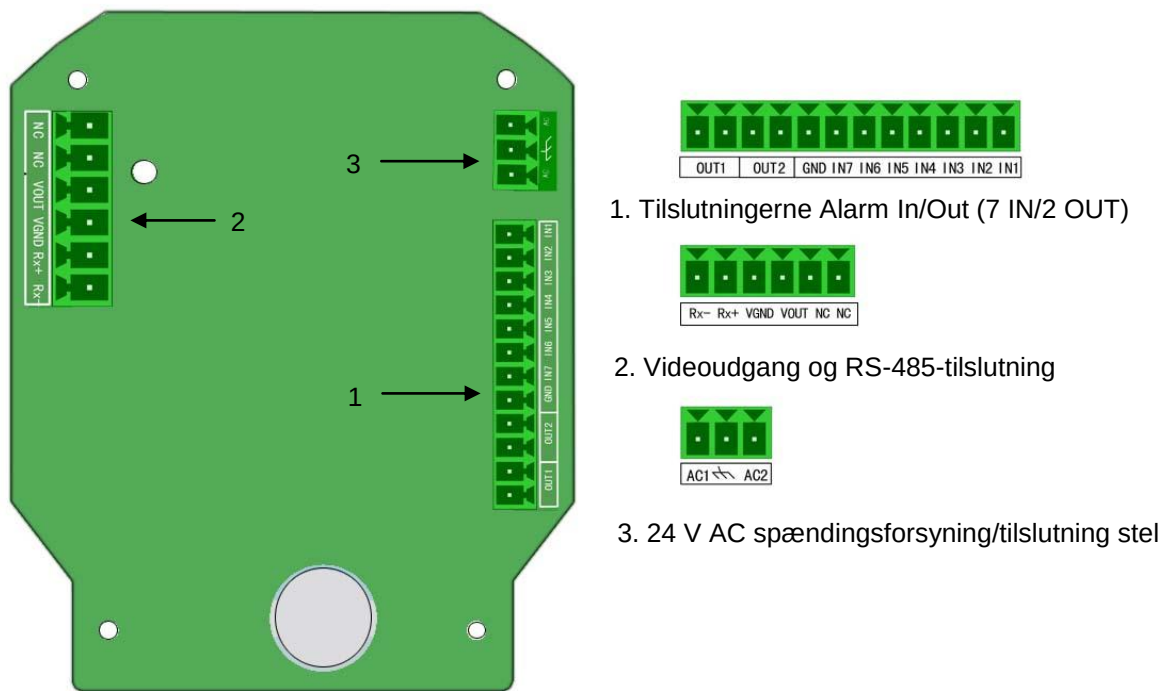
TVCC80000 / TVCC81000:

Tilslutninger udvendigt



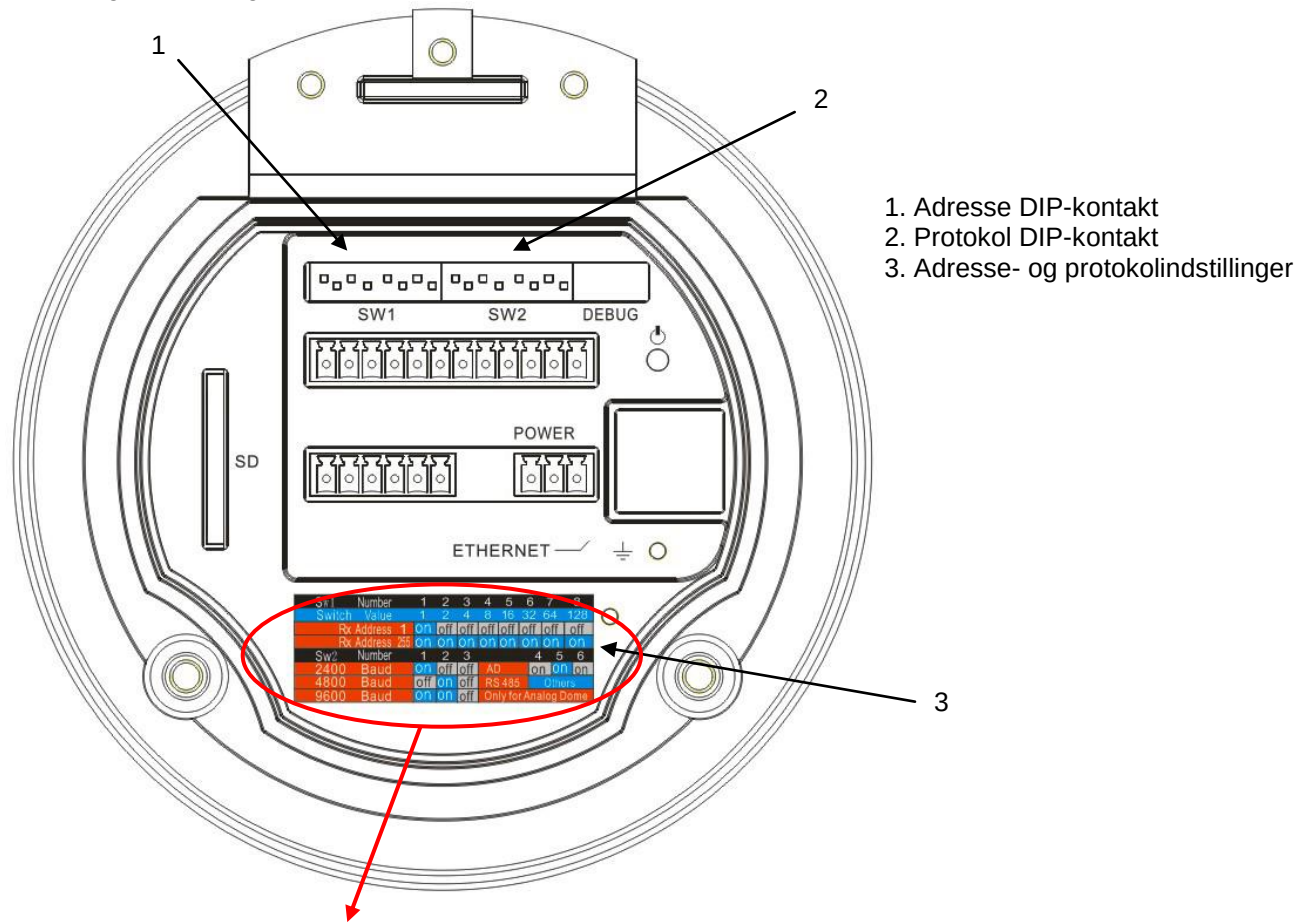
- 1. Adresse DIP-kontakt
- 2. Protokol DIP-kontakt
- 3. Stikforbindelse
- 4. Adresse- og protokolindstillinger

Tilslutninger indvendigt



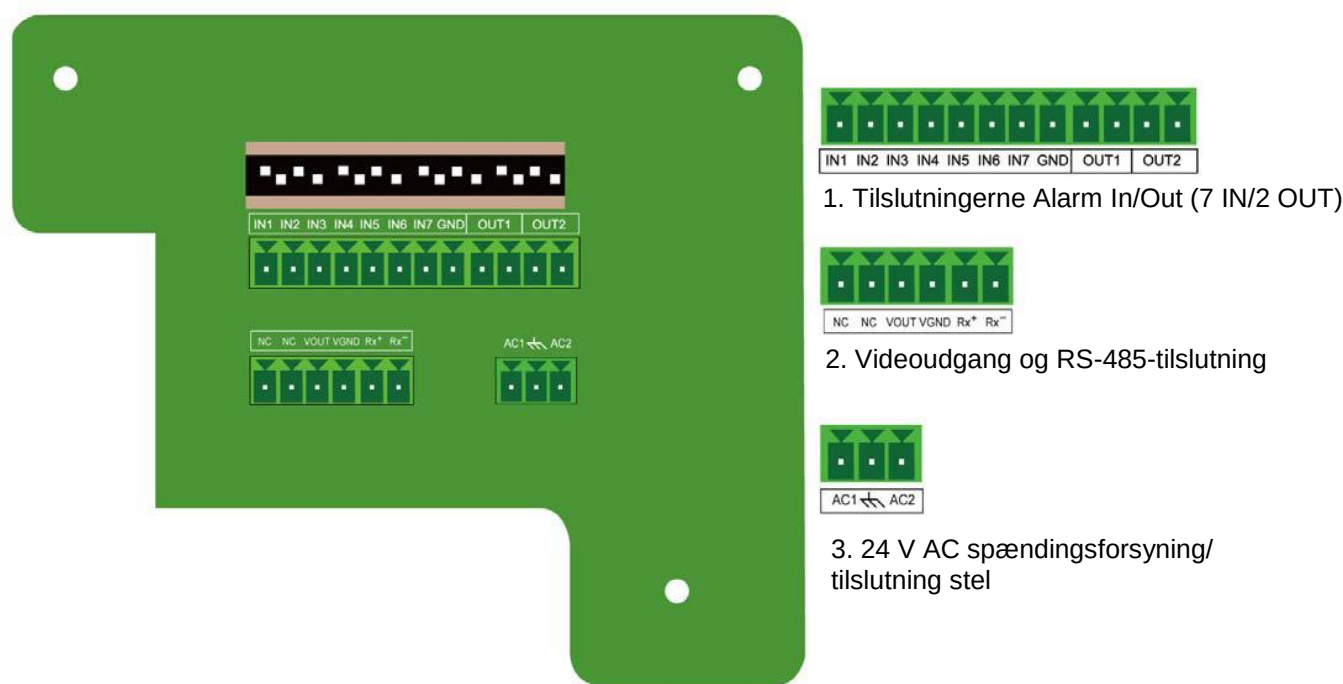
TVCC81500:

Tilslutninger udvendigt



| Sw1        | Number | 1   | 2   | 3   | 4                    | 5   | 6      | 7   | 8   |
|------------|--------|-----|-----|-----|----------------------|-----|--------|-----|-----|
| Switch     | Value  | 1   | 2   | 4   | 8                    | 16  | 32     | 64  | 128 |
| Rx Address | 1      | on  | off | off | off                  | off | off    | off | off |
| Rx Address | 255    | on  | on  | on  | on                   | on  | on     | on  | on  |
| Sw2        | Number | 1   | 2   | 3   | 4                    |     |        | 5   | 6   |
| 2400       | Baud   | on  | off | off | AD                   |     | on     | on  | on  |
| 4800       | Baud   | off | on  | off | RS 485               |     | Others |     |     |
| 9600       | Baud   | on  | on  | off | Only for Analog Dome |     |        |     |     |

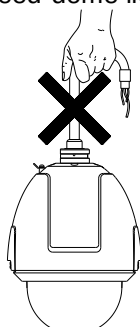
Tilslutninger indvendigt:



## 4. Installation

### Før du starter:

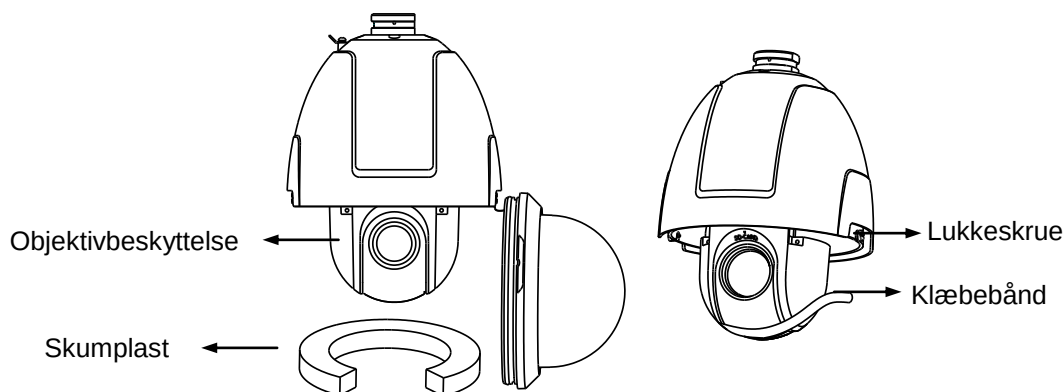
Kontrollér leveringsomfanget, og kontrollér, at speed-dome ikke er beskadiget.



Hold aldrig speed-dome i det vandtætte kabel, da det kan beskadige vandtætheden.

### 4.1 Vægmontering TVCC81100

1. Løsn de to lukkeskruer på siden af speed-dome, og åbn derefter kuplen.
2. Fjern objektivbeskyttelsen, skumplasten og klæbebåndet fra dome.



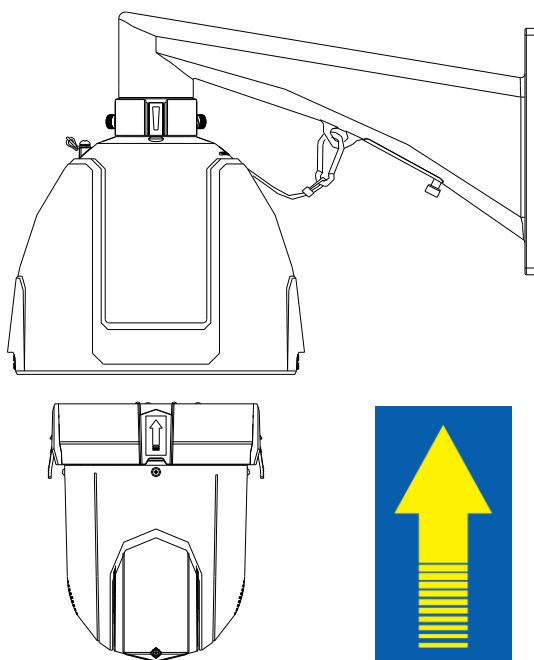
3. Fjern speeddomen ved hjælp af de to sikringsfjedre på siden.
4. Konfigurer dome-adressen, baudraten og andre indstillinger med DIP-kontakterne SW 1 og SW 2, se beskrivelse, punkt 3.



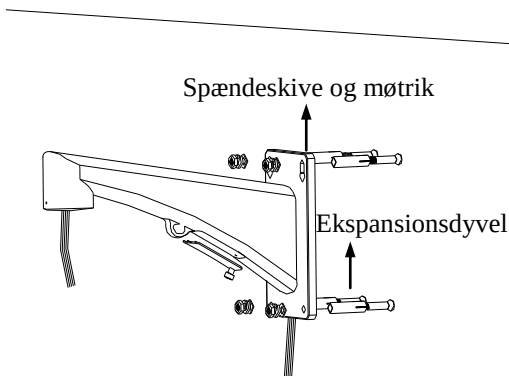
Da speeddomen er selvadapterende i forhold til PELCO-D, PELCO-P, er en indstilling hertil ikke nødvendig i forbindelse med protokollen.



5. Placér derefter igen domen i huset, og luk huset.



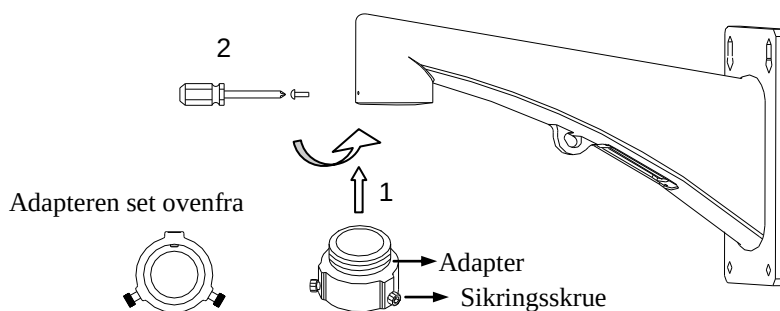
6. Bor de fire huller i væggen svarende til holderen, og montér ekspansionsdyvlen i væggen.
7. Fastgør pakningen mellem væggen og holderen ved hjælp af ekspansionsdyvlerne.
8. Montér holderen med spændeskiven og møtrikken.



Til stenvægge er det tvingende nødvendigt at anvende ekspansionsdyvlerne. Til trævægge kan der anvendes træskruer (Spax).  
Kontrollér, at væggen er stærk nok til at kunne bære mere end 8 gange vægten af speed-dome og holderen.

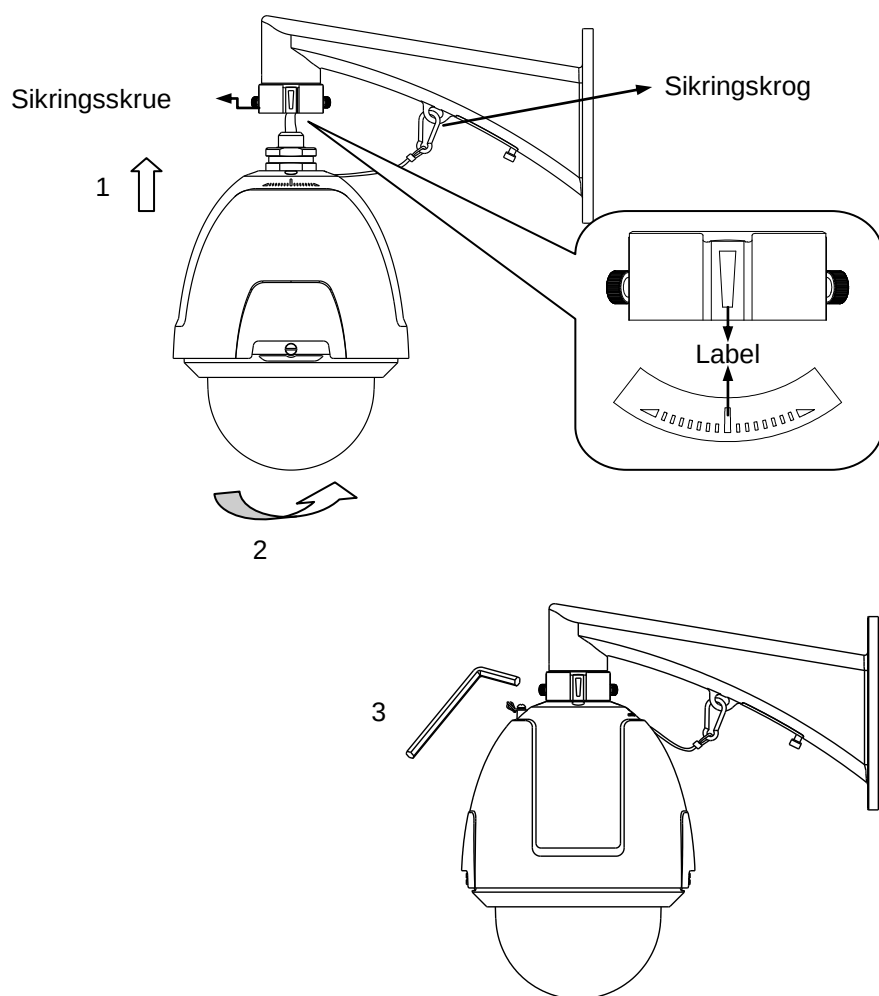
9. Fastgør teflonbåndet på adapterens gevind, og skru derefter adapteren i holderen.

10. Fastgør til sidst adapteren ved hjælp af pinolskruen.



11. Fastgør speed-dome til holderen ved hjælp af sikringskrogen. Før derefter kablerne gennem holderen.

12. Justér de to labels på adapteren og speed-dome. Skru derefter huset fast med uret. Sørg for at sikre adapteren ved hjælp af de to sikringskruer.



Fjern beskyttelsesfolien på kuplen, når installationen er færdig.

## 4.2 Loftmontering TVCC80000

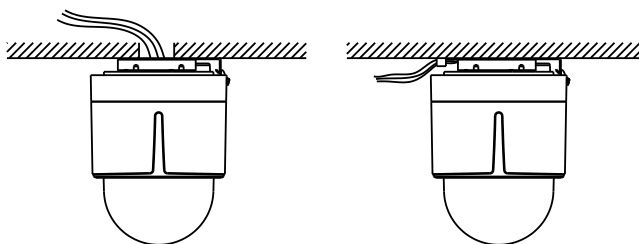
### Før du starter:

Følgende punkter er en forudsætning for monteringen:

- Loftet skal være mindst 5 til 40 mm tykt.
- Loftet skal være stærkt nok til at kunne bære mere end 4 gange vægten af speed-dome og tilbehør.

#### 1. Trækning af kablerne

Kablerne kan enten føres til speed-dome ovenfra eller fra siden. Hvis du vil tilføre kablerne ovenfra, er det nødvendigt at bore et hul til kablerne i loftet.



#### 2. Montering

### Før du starter:

- Til trævægge kan der anvendes træskrue (Spax).
- Til stenvægge skal der bores fire huller med Ø 5 i loftet svarende til hulafstandene i monteringspladen. Anbring derefter fire passende dyvler.

2.1 Drej kuplen mod uret for at åbne og fjerne den.

2.2 Fjern objektivbeskyttelsen, skumplasten og klæbebåndet fra dome.

2.3 Fjern speeddomen ved hjælp af de to sikringsfjedre på siden.

2.4 Konfigurér dome-adressen, baudraten og andre indstillinger med DIP-kontakterne SW 1 og SW 2, se beskrivelse, punkt 3.



Da speeddomen er selvadapterende i forhold til PELCO-D, PELCO-P, er en indstilling hertil ikke nødvendig i forbindelse med protokollen.

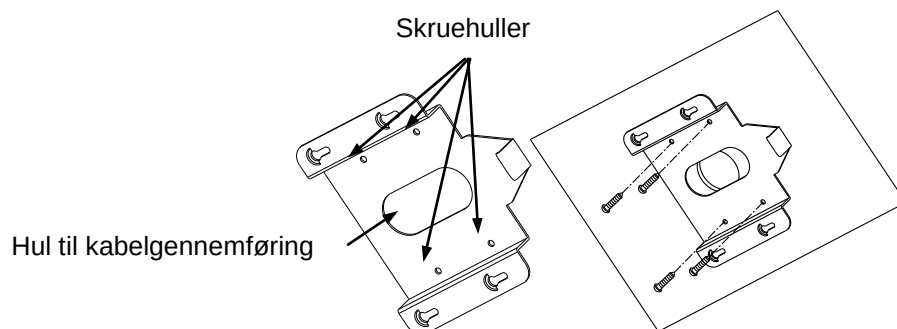
2.5 Hvis du ønsker at tilslutte alarmind- og -udgange, skal du åbne bundpladen og tilslutte kablerne i henhold til punktet „Beskrivelse af tilslutningerne“.

2.6 Placér derefter igen domen i huset, og luk huset.

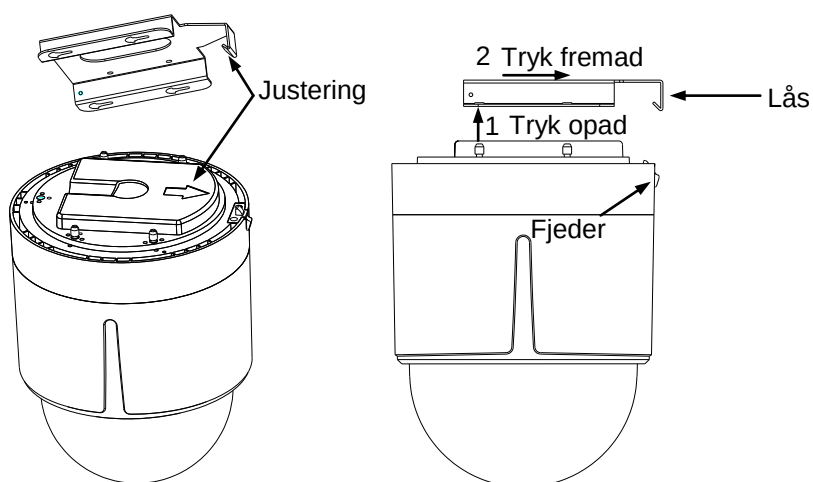
2.7 Montér derefter kuplen på dome igen.

2.8 Benyt monteringspladen som skabelon for at markere de fire borehuller.

2.9 Hvis kablerne tilføres ovenfra, skal hullet til kablerne markeres og alle hullerne derefter bores.



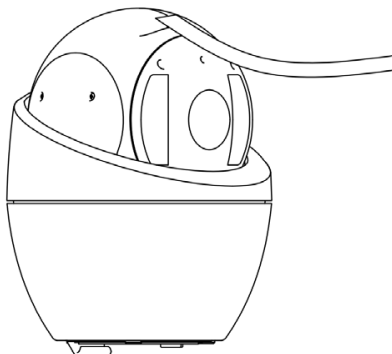
- 2.10 Installation af speed-dome i monteringspladen
- 2.11 Træk kablerne til speed-dome, og justér undersiden af speed-dome med monteringspladen svarende til illustrationen.
- 2.12 Tryk speed-dome opad og derefter fremad i pilens retning. Så snart speed-dome befinder sig i den rigtige position, går fjederen automatisk i hak i monteringspladen.



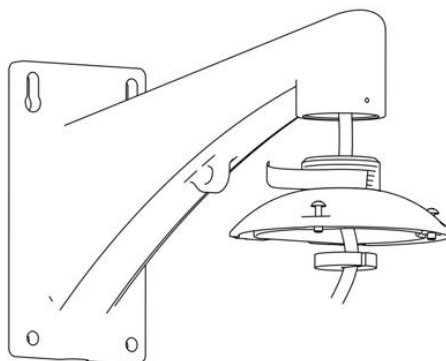
Fjern beskyttelsesfolien på kuplen, når installationen er færdig.

### 4.3 Vægmontering TVCC81500

1. Installér den ønskede holder, se punkt 7 „Montering af holdere“.
2. Fjern klæbestriben fra domen.



3. Placér monteringspladen på holderen.

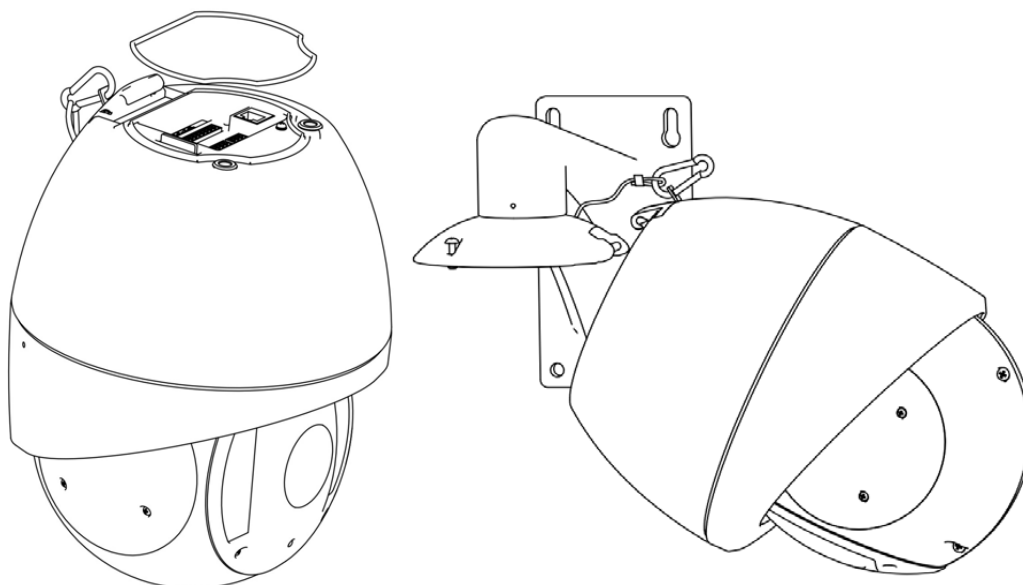


4. Konfigurer dome-adressen, baudraten og andre indstillinger med DIP-kontakterne SW 1 og SW 2, se beskrivelse, punkt 3.

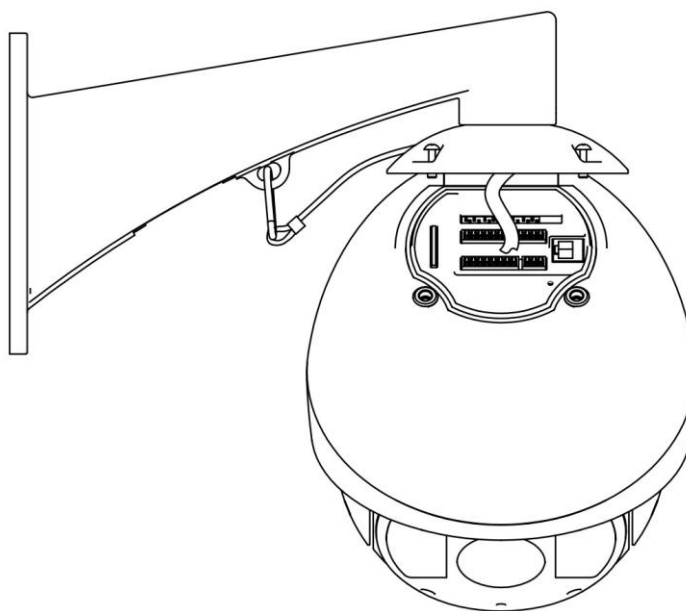


Da speeddomen er selvadapterende i forhold til PELCO-D, PELCO-P, er en indstilling hertil ikke nødvendig i forbindelse med protokollen.

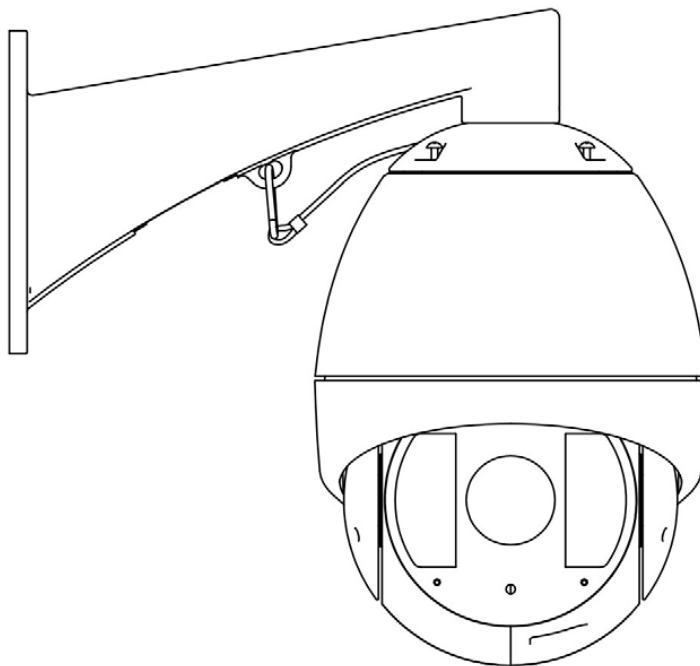
5. Placer O-ringen, og monter sikringskrogen.



6. Monter domen på adapterpladen, og tilslut forbindelseskablerne i overensstemmelse hermed.



7. Anvend unbrakoskruerne til at lukke og fastgøre huset.



## 5. DIP-kontaktindstillinger

### 5.1 Adresseindstillinger

DIP-kontakten SW1 anvendes til indstillingerne af domens adresse:

| Domeadresse | SW1-indstillinger                                                                     | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   |
|-------------|---------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0           | SW1  | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 1           | SW1  | ON  | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 255         | SW1  | ON  | ON  | ON  | ON  | ON  | ON  | ON  | ON  |

Indstillinger for adressen 0~71:

| SW1-position | Indstillinger for DIP-kontakt SW1 |     |     |     |     |     |     |     |
|--------------|-----------------------------------|-----|-----|-----|-----|-----|-----|-----|
| Adresse      | 1                                 | 2   | 3   | 4   | 5   | 6   | 7   | 8   |
| 0            | OFF                               | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 1            | ON                                | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 2            | OFF                               | ON  | OFF | OFF | OFF | OFF | OFF | OFF |
| 3            | ON                                | ON  | OFF | OFF | OFF | OFF | OFF | OFF |
| 4            | OFF                               | OFF | ON  | OFF | OFF | OFF | OFF | OFF |
| 5            | ON                                | OFF | ON  | OFF | OFF | OFF | OFF | OFF |
| 6            | OFF                               | ON  | ON  | OFF | OFF | OFF | OFF | OFF |
| 7            | ON                                | ON  | ON  | OFF | OFF | OFF | OFF | OFF |
| 8            | OFF                               | OFF | OFF | ON  | OFF | OFF | OFF | OFF |
| 9            | ON                                | OFF | OFF | ON  | OFF | OFF | OFF | OFF |
| 10           | OFF                               | ON  | OFF | ON  | OFF | OFF | OFF | OFF |
| 11           | ON                                | ON  | OFF | ON  | OFF | OFF | OFF | OFF |
| 12           | OFF                               | OFF | ON  | ON  | OFF | OFF | OFF | OFF |
| 13           | ON                                | OFF | ON  | ON  | OFF | OFF | OFF | OFF |
| 14           | OFF                               | ON  | ON  | ON  | OFF | OFF | OFF | OFF |
| 15           | ON                                | ON  | ON  | ON  | OFF | OFF | OFF | OFF |
| 16           | OFF                               | OFF | OFF | OFF | ON  | OFF | OFF | OFF |
| 17           | ON                                | OFF | OFF | OFF | ON  | OFF | OFF | OFF |
| 18           | OFF                               | ON  | OFF | OFF | ON  | OFF | OFF | OFF |
| 19           | ON                                | ON  | OFF | OFF | ON  | OFF | OFF | OFF |
| 20           | OFF                               | OFF | ON  | OFF | ON  | OFF | OFF | OFF |
| 21           | ON                                | OFF | ON  | OFF | ON  | OFF | OFF | OFF |
| 22           | OFF                               | ON  | ON  | OFF | ON  | OFF | OFF | OFF |
| 23           | ON                                | ON  | ON  | OFF | ON  | OFF | OFF | OFF |
| 24           | OFF                               | OFF | OFF | ON  | ON  | OFF | OFF | OFF |
| 25           | ON                                | OFF | OFF | ON  | ON  | OFF | OFF | OFF |
| 26           | OFF                               | ON  | OFF | ON  | ON  | OFF | OFF | OFF |
| 27           | ON                                | ON  | OFF | ON  | ON  | OFF | OFF | OFF |
| 28           | OFF                               | OFF | ON  | ON  | ON  | OFF | OFF | OFF |
| 29           | ON                                | OFF | ON  | ON  | ON  | OFF | OFF | OFF |
| 30           | OFF                               | ON  | ON  | ON  | ON  | OFF | OFF | OFF |
| 31           | ON                                | ON  | ON  | ON  | ON  | OFF | OFF | OFF |
| 32           | OFF                               | OFF | OFF | OFF | OFF | ON  | OFF | OFF |
| 33           | ON                                | OFF | OFF | OFF | OFF | ON  | OFF | OFF |
| 34           | OFF                               | ON  | OFF | OFF | OFF | ON  | OFF | OFF |
| 35           | ON                                | ON  | OFF | OFF | OFF | ON  | OFF | OFF |
| 36           | OFF                               | OFF | ON  | OFF | OFF | ON  | OFF | OFF |
| 37           | ON                                | OFF | ON  | OFF | OFF | ON  | OFF | OFF |
| 38           | OFF                               | ON  | ON  | OFF | OFF | ON  | OFF | OFF |
| 39           | ON                                | ON  | ON  | OFF | OFF | ON  | OFF | OFF |
| 40           | OFF                               | OFF | OFF | ON  | OFF | ON  | OFF | OFF |
| 41           | ON                                | OFF | OFF | ON  | OFF | ON  | OFF | OFF |



|    |     |     |     |     |     |     |     |     |
|----|-----|-----|-----|-----|-----|-----|-----|-----|
| 42 | OFF | ON  | OFF | ON  | OFF | ON  | OFF | OFF |
| 43 | ON  | ON  | OFF | ON  | OFF | ON  | OFF | OFF |
| 44 | OFF | OFF | ON  | ON  | OFF | ON  | OFF | OFF |
| 45 | ON  | OFF | ON  | ON  | OFF | ON  | OFF | OFF |
| 46 | OFF | ON  | ON  | ON  | OFF | ON  | OFF | OFF |
| 47 | ON  | ON  | ON  | ON  | OFF | ON  | OFF | OFF |
| 48 | OFF | OFF | OFF | OFF | ON  | ON  | OFF | OFF |
| 49 | ON  | OFF | OFF | OFF | ON  | ON  | OFF | OFF |
| 50 | OFF | ON  | OFF | OFF | ON  | ON  | OFF | OFF |
| 51 | ON  | ON  | OFF | OFF | ON  | ON  | OFF | OFF |
| 52 | OFF | OFF | ON  | OFF | ON  | ON  | OFF | OFF |
| 53 | ON  | OFF | ON  | OFF | ON  | ON  | OFF | OFF |
| 54 | OFF | ON  | ON  | OFF | ON  | ON  | OFF | OFF |
| 55 | ON  | ON  | ON  | OFF | ON  | ON  | OFF | OFF |
| 56 | OFF | OFF | OFF | ON  | ON  | ON  | OFF | OFF |
| 57 | ON  | OFF | OFF | ON  | ON  | ON  | OFF | OFF |
| 58 | OFF | ON  | OFF | ON  | ON  | ON  | OFF | OFF |
| 59 | ON  | ON  | OFF | ON  | ON  | ON  | OFF | OFF |
| 60 | OFF | OFF | ON  | ON  | ON  | ON  | OFF | OFF |
| 61 | ON  | OFF | ON  | ON  | ON  | ON  | OFF | OFF |
| 62 | OFF | ON  | ON  | ON  | ON  | ON  | OFF | OFF |
| 63 | ON  | ON  | ON  | ON  | ON  | ON  | OFF | OFF |
| 64 | OFF | OFF | OFF | OFF | OFF | OFF | ON  | OFF |
| 65 | ON  | OFF | OFF | OFF | OFF | OFF | ON  | OFF |
| 66 | OFF | ON  | OFF | OFF | OFF | OFF | ON  | OFF |
| 67 | ON  | ON  | OFF | OFF | OFF | OFF | ON  | OFF |
| 68 | OFF | OFF | ON  | OFF | OFF | OFF | ON  | OFF |
| 69 | ON  | OFF | ON  | OFF | OFF | OFF | ON  | OFF |
| 70 | OFF | ON  | ON  | OFF | OFF | OFF | ON  | OFF |
| 71 | ON  | ON  | ON  | OFF | OFF | OFF | ON  | OFF |

## 5.2 Baudrateindstillinger

Position 1-3 på DIP-kontakt SW2 anvendes til indstillingen af domens baudrate.

| Baudrateindstillinger for DIP-kontakt SW2 |                                |                                                                                     |     |     |     |
|-------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------|-----|-----|-----|
| Baudrate                                  | Indstillinger for position 1-3 |                                                                                     | 1   | 2   | 3   |
| 2400                                      | SW2                            |  | ON  | OFF | OFF |
| 4800                                      | SW2                            |  | OFF | ON  | OFF |
| 9600                                      | SW2                            |  | ON  | ON  | OFF |
| 19200<br>(kun TVCC8x000)                  | SW2                            |  | OFF | OFF | ON  |
| 38400<br>(kun TVCC8x000)                  | SW2                            |  | ON  | OFF | ON  |

## 5.3 Protokolindstillinger

Position 4-6 på DIP-kontakt SW2 anvendes til indstillingen af domens protokol.

| Indstillinger for DIP-kontakt SW2 |                                |                                                                                     |     |    |    |
|-----------------------------------|--------------------------------|-------------------------------------------------------------------------------------|-----|----|----|
| Protokol                          | Indstillinger for position 4-6 |                                                                                     | 4   | 5  | 6  |
| Bosch Manchester                  | SW 2                           |  | OFF | ON | ON |
| AD Manchester                     | SW 2                           |  | ON  | ON | ON |
| Self-adaptive                     | Andre                          |                                                                                     |     |    |    |

5.4 Indstillingerne simplex/halv duplex

Position 7 på DIP-kontakt SW2 anvendes til indstillingen af kommunikationen.

| Simplex/halv duplex-indstillinger for DIP-kontakt SW2 |                                                                                       |     |
|-------------------------------------------------------|---------------------------------------------------------------------------------------|-----|
| Beskrivelse                                           | Indstillinger for position 7                                                          | 7   |
| Simplex                                               | SW2  | OFF |
| Half-duplex                                           | SW2  | ON  |

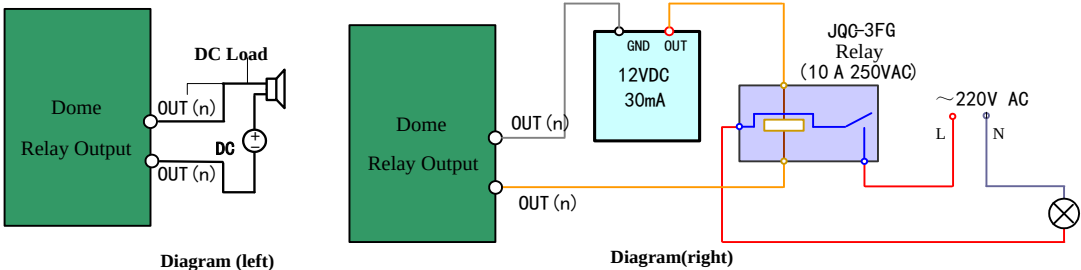
5.5 Indstilling af slutmodstanden

Position 8 på DIP-kontakt SW2 anvendes til indstillingen af slutmodstanden.

| Indstillinger af slutmodstanden for DIP-kontakt SW2 |                                                                                       |     |
|-----------------------------------------------------|---------------------------------------------------------------------------------------|-----|
| Beskrivelse                                         | Indstillinger for position 8                                                          | 8   |
| Nej                                                 | SW2  | OFF |
| Ja                                                  | SW2  | ON  |

6. Alarm IN/OUT

6.1 Forbindelsesdiagram



Forbindelsesdiagram til venstre:

Hermed kan slutforbrugere tilkobles med følgende belastning.

DC: Maks. 12 V DC, 30 mA

Forbindelsesdiagram til højre:

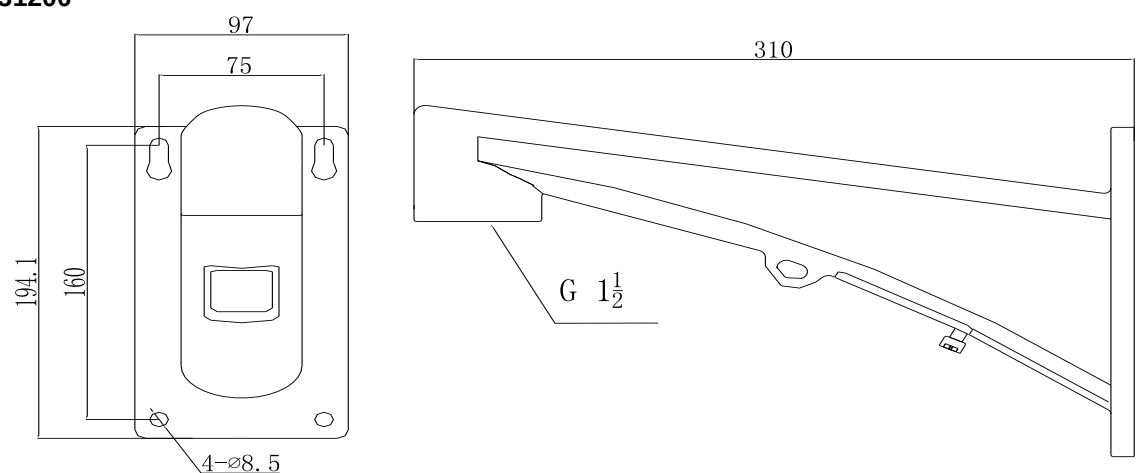
Der skal anvendes et eksternt relæ for at undgå elektriske skader på domen.

7. Montering af holdere

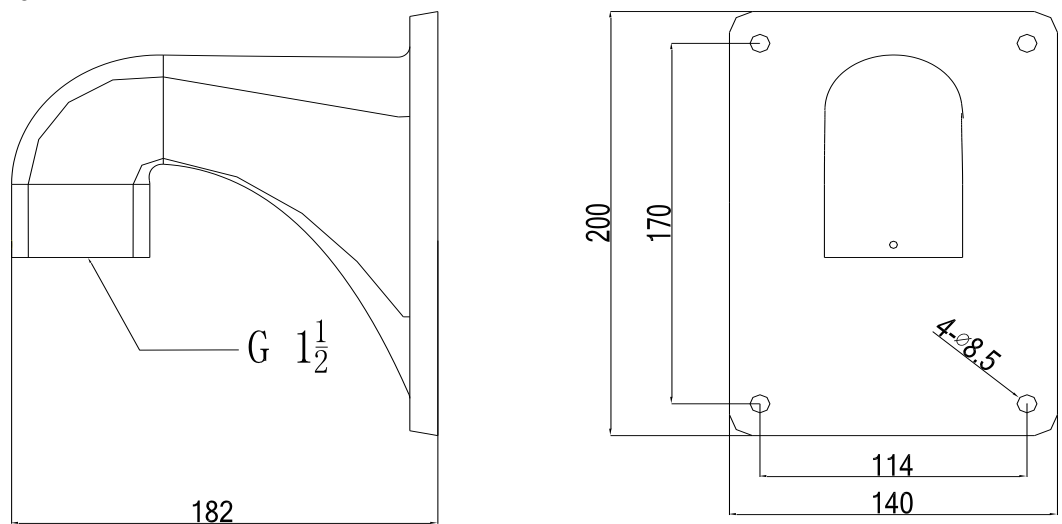
7.1 Montering af vægholdere (TVAC31200/TVAC31210)

7.1.1 Mål

TVAC31200



TVAC31210

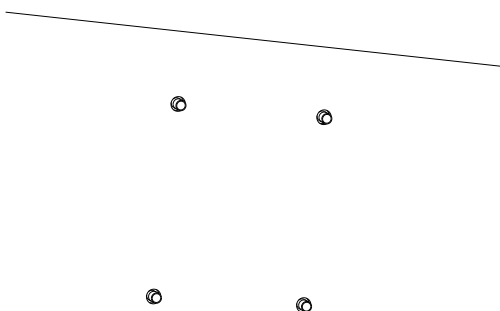


## 7.1.2 Montering

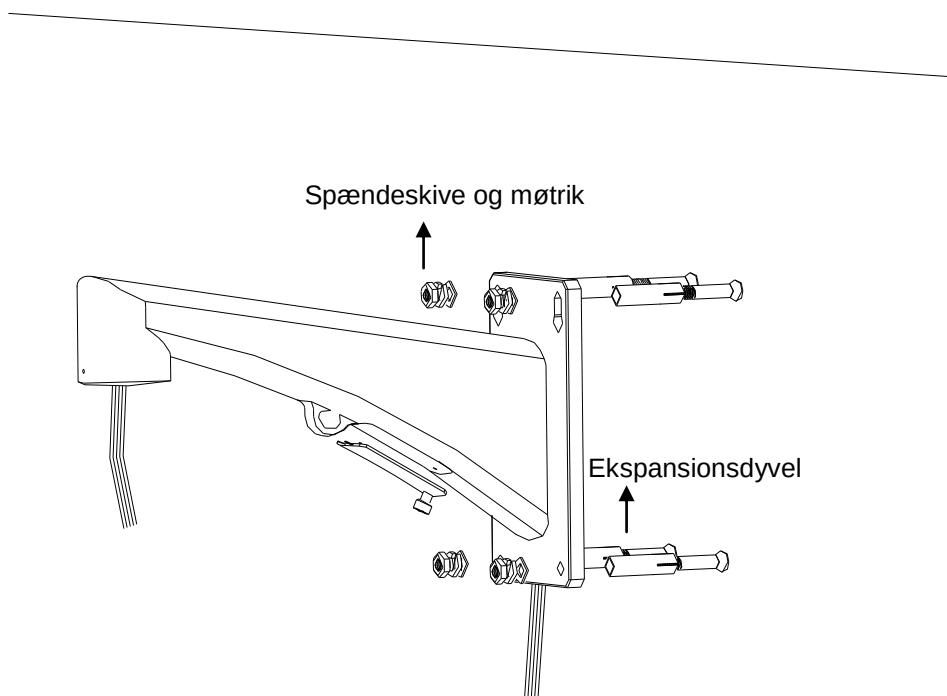
**Før du starter:**

- Væggen skal være tyk nok til at kunne montere ekspansionsdyvlerne.
- Kontrollér, at væggen er stærk nok til at kunne bære mere end 8 gange vægten af speed-dome og holderen.

1. Bor fire huller i væggen svarende til målene, og montér derefter ekspansionsdyvlerne.



2. Fastgør pakningen mellem væggen og holderen ved hjælp af ekspansionsdyvlerne.
3. Montér holderen med spændeskiven og møtrikken.

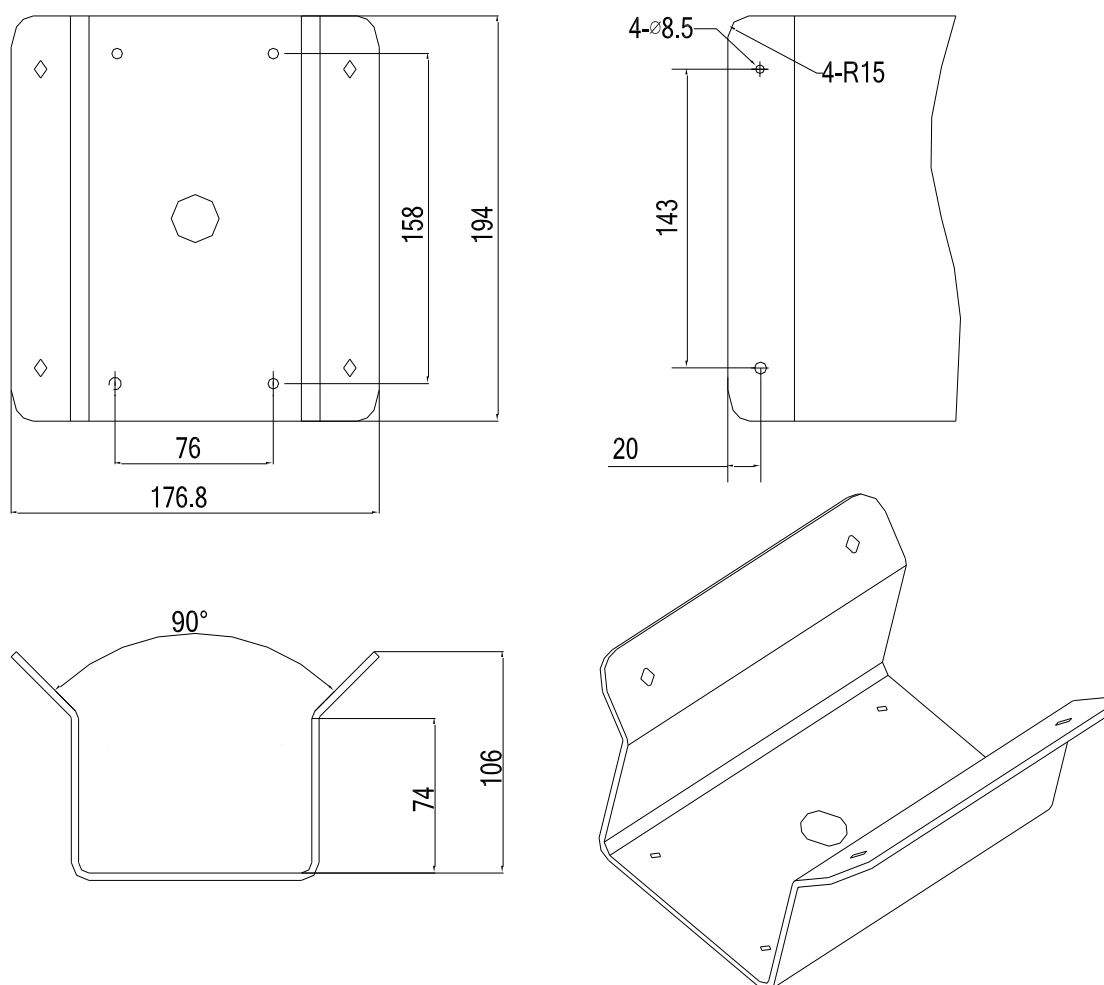


Installationen til TVAC31210 er identisk.

## 7.2 Montering af hjørneholder (TVAC31220)

### 7.2.1 Mål

#### TVAC31220

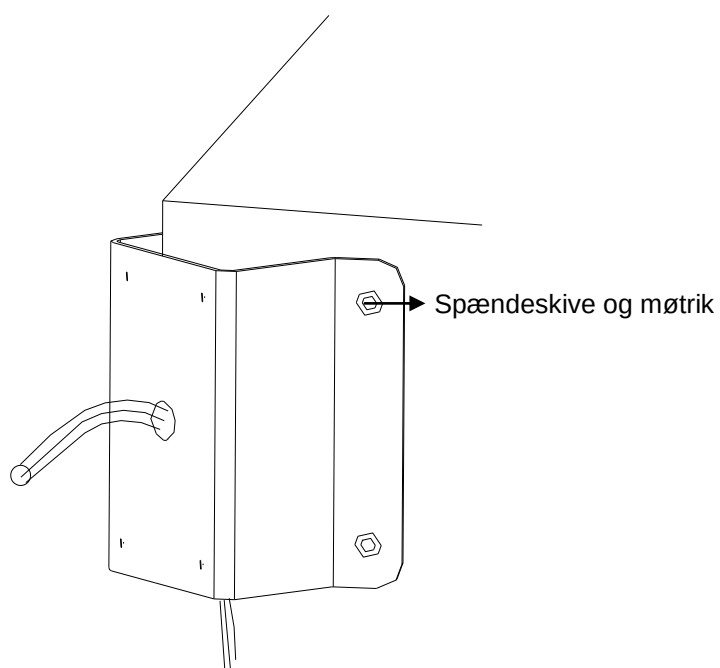


### 7.2.2 Montering

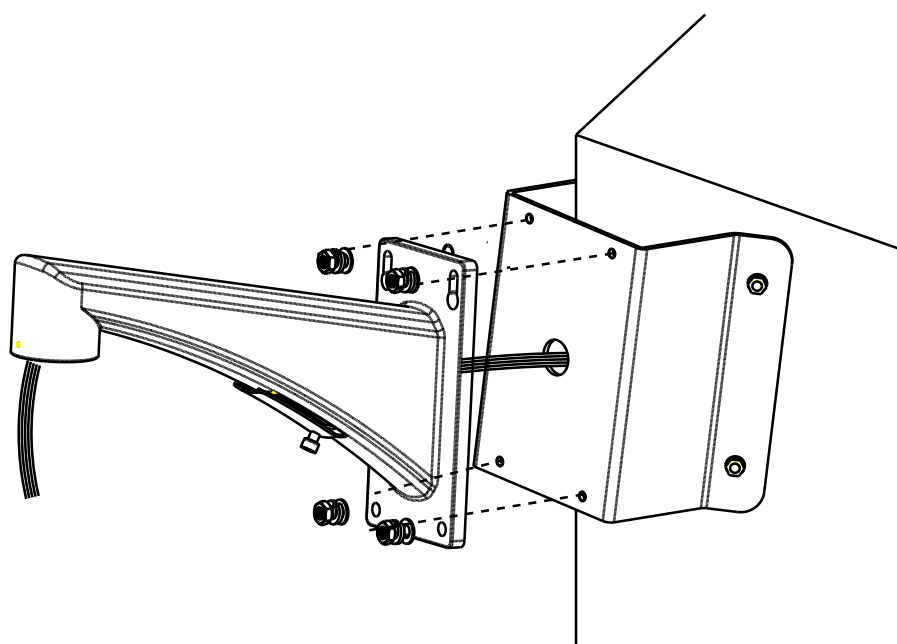
#### Før du starter:

- Væggen skal være tyk nok til at kunne montere ekspansionsdyvlerne.
- Kontrollér, at væggen er stærk nok til at kunne bære mere end 8 gange vægten af speed-dome og holderen.

1. Bor fire huller i væggen svarende til målene, og monter derefter passende ekspansionsdyvler.
2. Træk tilslutningskablerne gennem det midterste hul i hjørneholderen.
3. Anbring hjørneholderen i position på hjørnet.
4. Fastgør adapteren med spændeskiverne og møtrikkerne.



5. Anbring pakningen mellem hjørneholderen og vægholderen.
6. Skru vægholderen fast ved hjælp af de fire gevindskruer og fjederskive.



7. Fortsæt med monteringen af speed-dome.

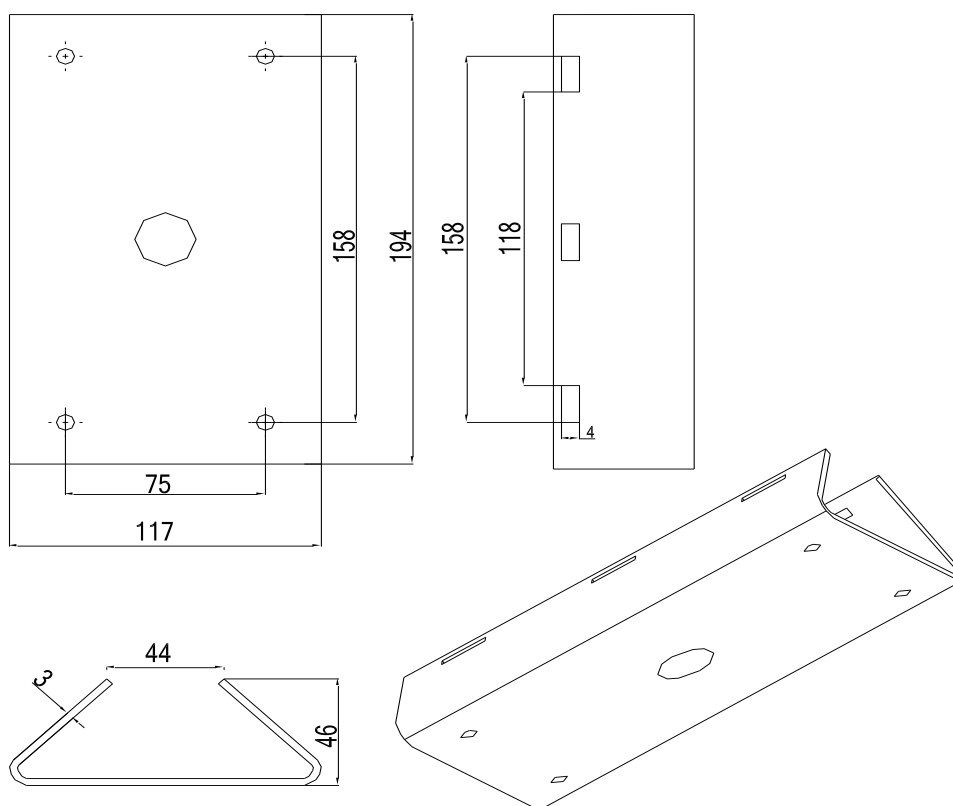


Yderligere henvisninger vedrørende monteringen af speed-dome findes i kapitel 4.

## 7.3 Montering af mastholder (TVAC31230)

### 7.3.1 Mål

#### TVAC3130

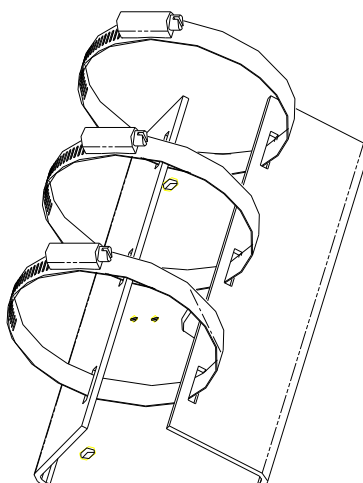


### 7.3.2 Montering

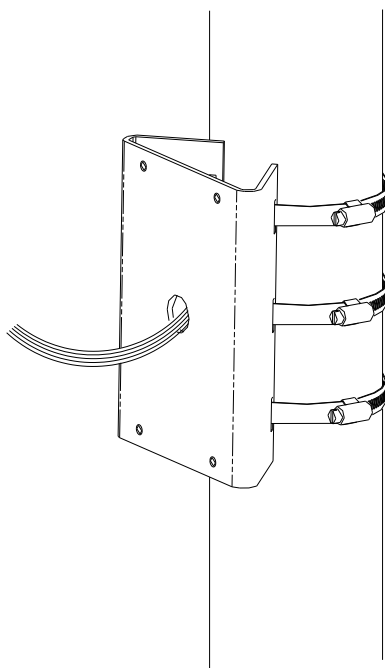
#### Før du starter:

- Specialstålsspændebåndets diameter skal svare til mastens diameter.
- Kontrollér, at masten er stærk nok til at kunne bære mere end 8 gange vægten af speed-dome og holderen.

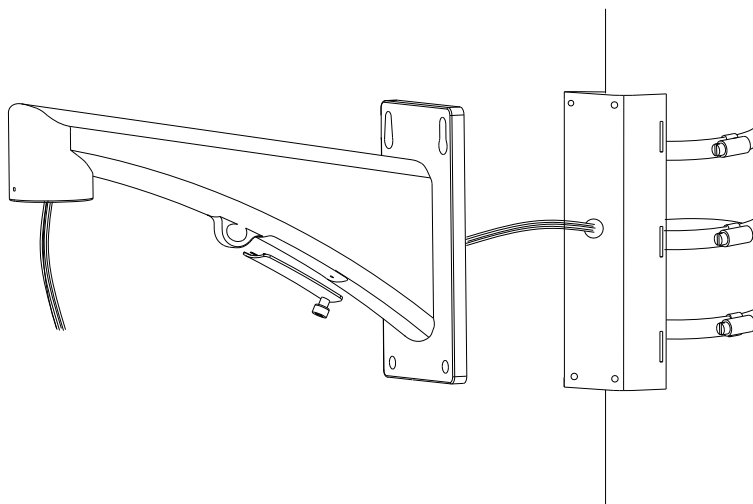
1. Løsn skruerne i specialstålsspændebåndet med en skruetrækker.
2. Før det gennem åbningerne i mastholderen.



3. Træk tilslutningskablerne gennem det midterste hul i mastholderen.
4. Sørg for at sikre specialstålsspændebåndet på masten ved at spænde skruerne.



5. Anbring pakningen mellem mastholderen og vægholderen.
6. Skru vægholderen fast ved hjælp af de fire gevindskruer og fjederskive.



7. Fortsæt med monteringen af speed-dome.



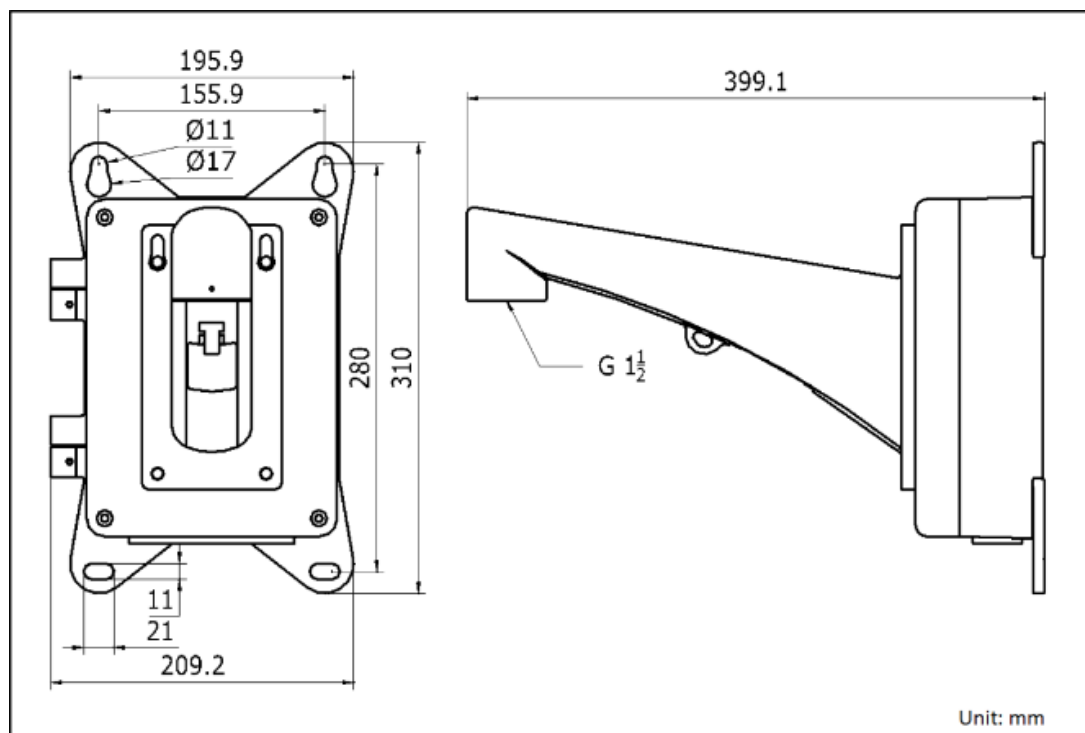
Yderligere henvisninger vedrørende monteringen af speed-dome findes i kapitel 4.



## 7.4 Montering af vægholder inkl. montering af strømforsyning (TVAC31240)

## 7.4.1 Mål

## TVAC31240

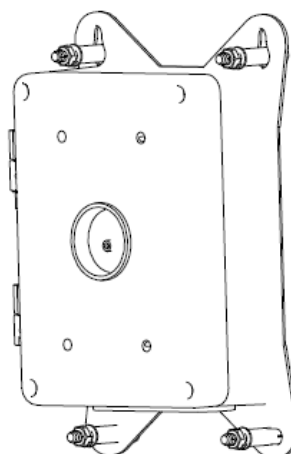


## 7.4.2 Montering

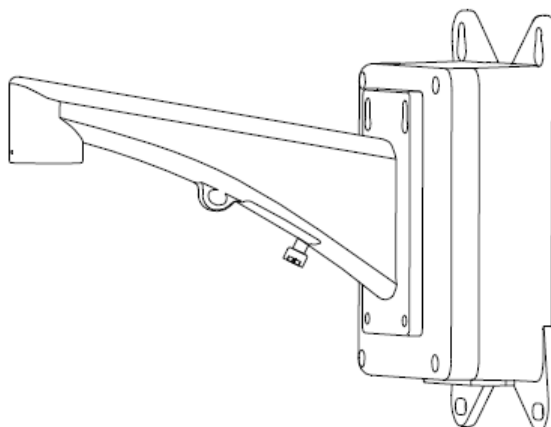
## Før du starter:

- Væggen skal være tyk nok til at kunne montere ekspansionsdyvlerne.
- Kontrollér, at væggen er stærk nok til at kunne bære mere end 8 gange vægten af speed-dome og holderen.

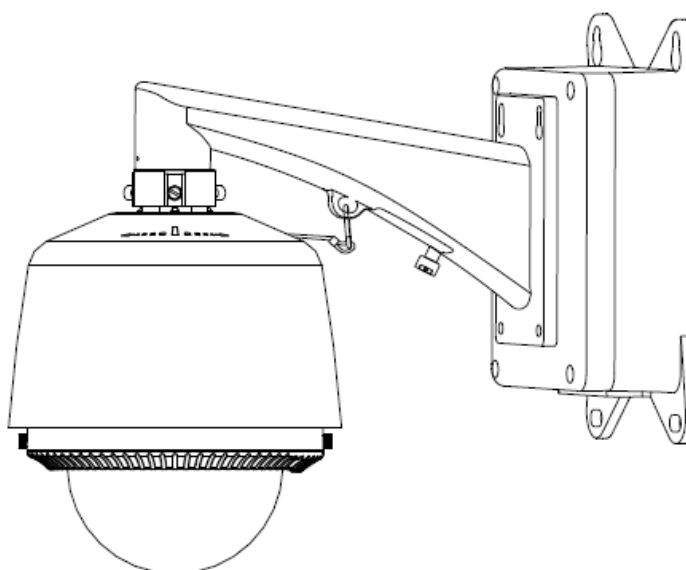
1. Bor fire huller svarende til målene på illustrationen ovenfor.
2. Anbring ekspansionsdyvlerne.



3. Montér vægholderen.



4. Før alle ledninger gennem monteringskassen til strømforsyningen, og tilslut speed-dome tilsvarende.



Yderligere henvisninger vedrørende monteringen af speed-dome findes i kapitel 5.

På den vedlagte cd findes der en udførlig vejledning i pdf-format.

## 1. Informacje, z którymi należy zapoznać się przed instalacją

|                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>Symbol błyskawicy w trójkącie jest stosowany w celu wskazania na zagrożenie dla zdrowia, np. porażeniem elektrycznym.</b></p>                                                    |  <p><b>Wykrzyknik w trójkącie oznacza w niniejszej instrukcji obsługi ważne wskazówki, które muszą być bezwzględnie przestrzegane.</b></p>                                     |
| <p>Użyj zasilacza sieciowego zawartego w zestawie.</p>                                                                                                                                                                                                                   | <p>Chroń kopułkę przed upadkiem i przed wstrząsami. Unikaj instalacji na wibrujących powierzchniach.</p>                                                                                                                                                        |
| <p>Nie podłączaj kilku kopulek do zasilacza, gdyż może to doprowadzić do przeciążenia lub spowodować zagrożenie pożarowe.</p>                                                                                                                                            | <p>Unikaj instalacji w miejscach bardzo gorących, zimnych, zakurzonych lub wilgotnych, ponieważ może to spowodować pożar lub porażenie prądem. Temperatura pracy powinna wynosić -30 °C ~ 65 °C (kopułka zewnętrzna) i -10 °C ~ 50 °C (kopułka wewnętrzna).</p> |
| <p>Przed podłączeniem zasilacza lub otwarciem kamery Speed Dome upewnij się, że zasilanie jest odłączone.</p>                                                                                                                                                            | <p>Kopułka wewnętrzna powinna być zabezpieczona przed deszczem i wilgocią.</p>                                                                                                                                                                                  |
| <p>W razie wydobywania się z kamery Speed Dome dymu, nietypowych zapachów lub odgłosów natychmiast wyłącz urządzenie i skontaktuj się z działem wsparcia technicznego naszej firmy.</p>                                                                                  | <p>Skorzystaj z dołączonych rękawiczek podczas otwierania kamery Speed Dome. Unikaj bezpośredniego kontaktu z kopułką, żeby jej nie uszkodzić.</p>                                                                                                              |
| <p>Jeśli produkt nie działa prawidłowo, zwróć się do sprzedawcy lub działu wsparcia technicznego naszej firmy. Nigdy nie próbuj demontować kamery Speed Dome.</p> <p>Nie ponosimy odpowiedzialności za problemy spowodowane nieautoryzowaną naprawą lub konserwacją.</p> | <p>Zachowaj opakowania i pianki. W przypadku awarii kamera Speed Dome musi zostać odesłana w oryginalnym opakowaniu. Transport bez oryginalnego opakowania może spowodować uszkodzenie kamery Speed Dome i powstanie dodatkowych kosztów.</p>                   |

2. Zakres dostawy

2.1 TVCC80000



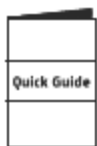
Kamera kopułkowa dzień/noc PTZ 23x



Zasilacz sieciowy



Płyta adaptera



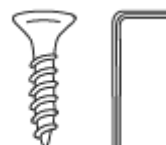
Quickguide



Rękawice

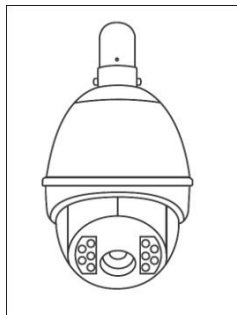


CD



Materiały do mocowania

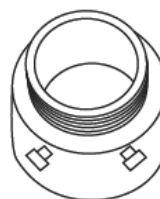
2.2 TVCC81000 / TVCC81500



Kamera kopułkowa zewnętrzna dzień/noc PTZ 23x



Zasilacz sieciowy

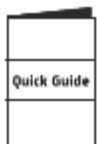


Adapter



Taśma teflonowa

Kamera kopułkowa zewnętrzna WDR DNR IR PTZ 36x



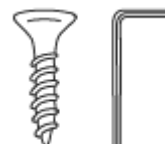
Quickguide



Rękawice



CD

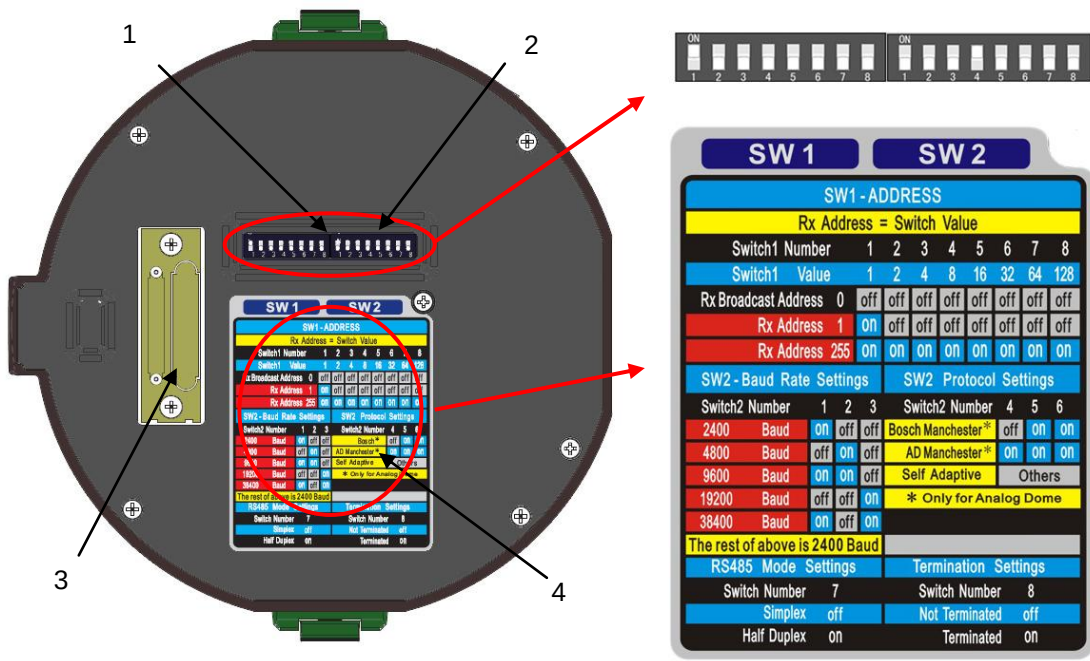


Materiały do mocowania

3. Opis złącz

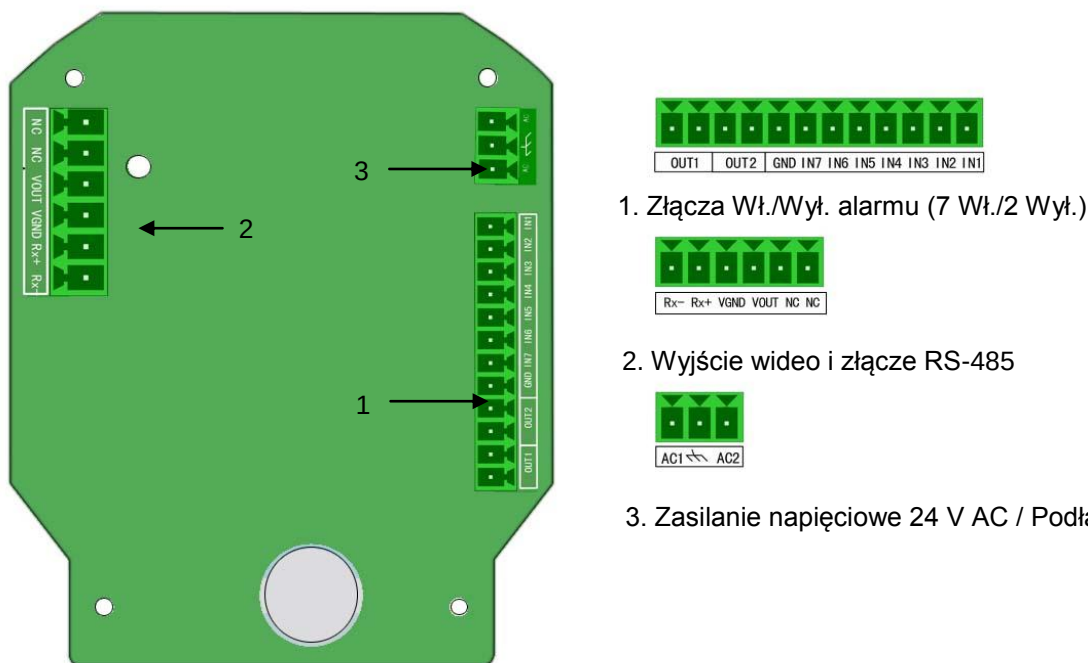
TVCC80000 / TVCC81000:

Złącza zewnętrzne



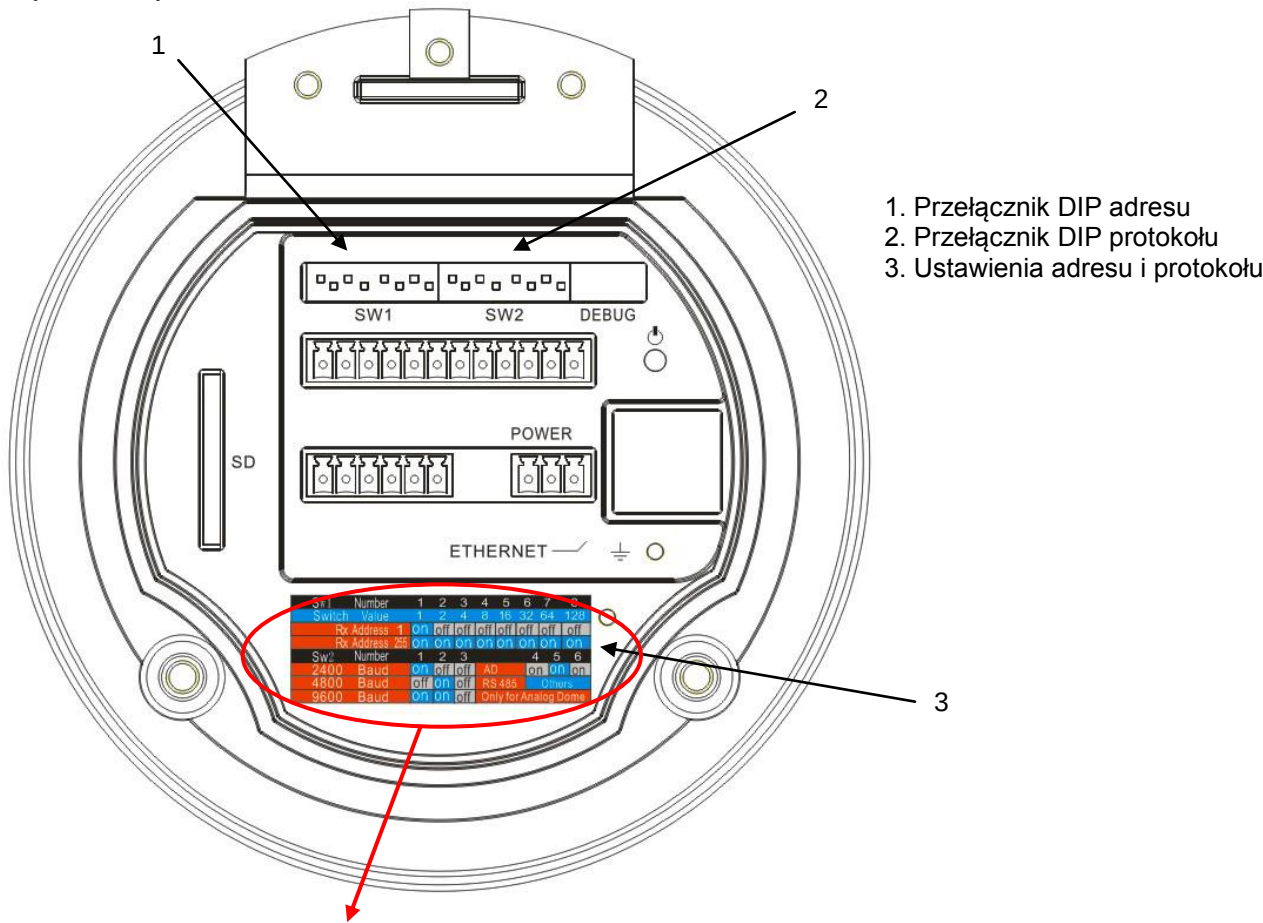
- 1. Przełącznik DIP adresu
- 2. Przełącznik DIP protokołu
- 3. Złącze wtykowe
- 4. Ustawienia adresu i protokołu

Złącza wewnętrzne



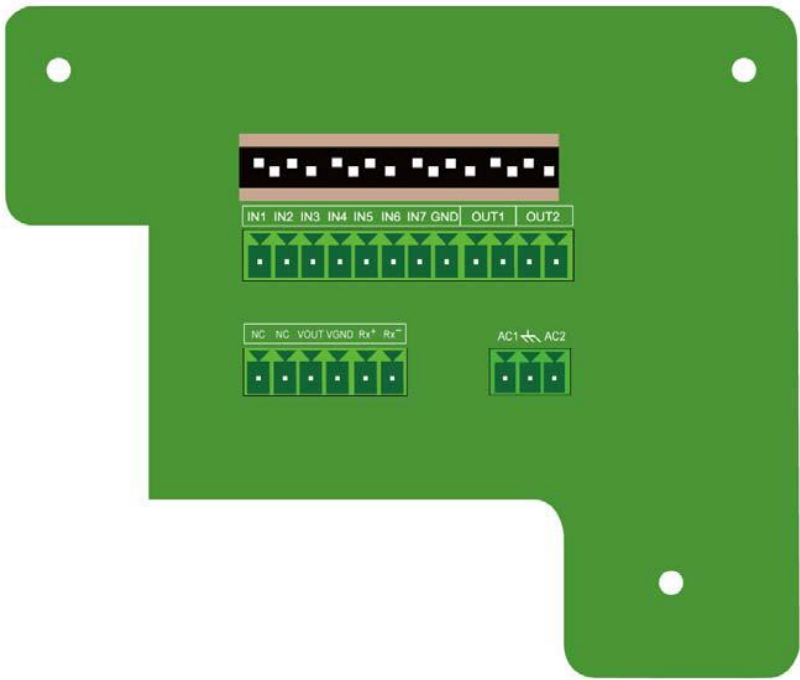
TVCC81500:

Złącza zewnętrzne

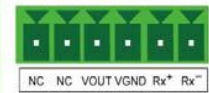


|        |                |     |     |     |                      |     |        |     |     |
|--------|----------------|-----|-----|-----|----------------------|-----|--------|-----|-----|
| Sw1    | Number         | 1   | 2   | 3   | 4                    | 5   | 6      | 7   | 8   |
| Switch | Value          | 1   | 2   | 4   | 8                    | 16  | 32     | 64  | 128 |
|        | Rx Address 1   | on  | off | off | off                  | off | off    | off | off |
|        | Rx Address 255 | on  | on  | on  | on                   | on  | on     | on  | on  |
| Sw2    | Number         | 1   | 2   | 3   | 4                    |     |        | 5   | 6   |
| 2400   | Baud           | on  | off | off | AD                   |     | on     | on  | on  |
| 4800   | Baud           | off | on  | off | RS 485               |     | Others |     |     |
| 9600   | Baud           | on  | on  | off | Only for Analog Dome |     |        |     |     |

Złącza wewnętrzne:



1. Złącza Wł./Wył. alarmu (7 Wł./2 Wył.)



2. Wyjście wideo i złącze RS-485

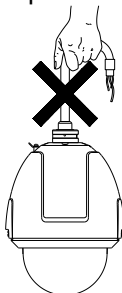


3. Zasilanie napięciowe 24 V AC /  
Podłączenie masy

## 4. Instalacja

### Przed rozpoczęciem:

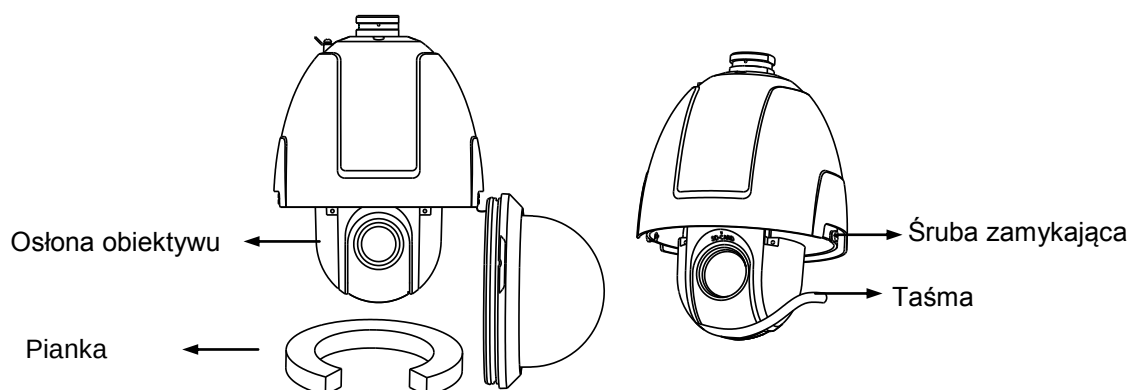
Sprawdź zakres dostawy i upewnij się, że kamera Speed Dome nie jest uszkodzona.



Nigdy nie przytrzymuj kamery za wodoszczelny kabel, ponieważ może to spowodować naruszenie wodoszczelności.

### 4.1 Montaż na ścianie TVCC81100

1. Poluzuj dwie śruby zamykające z boku kamery Speed Dome, a następnie otwórz kopułkę.
2. Zdejmij z kamery osłonę obiektywu, piankę i taśmę.



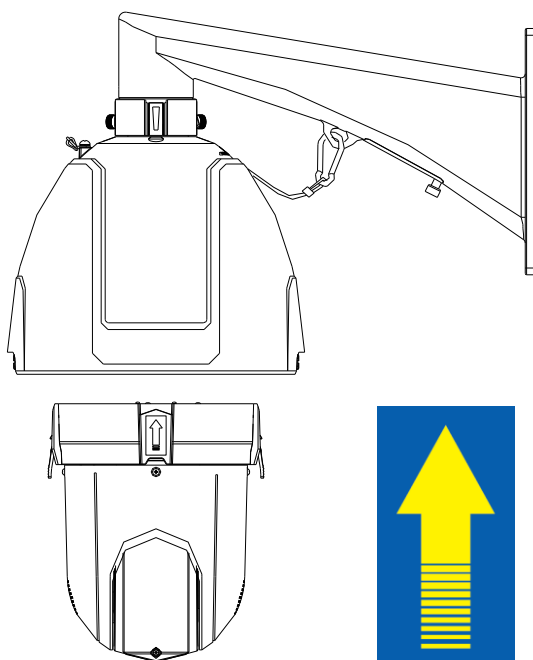
3. Proszę usunąć kamerę Speeddome za pomocą dwóch bocznych sprężyn zabezpieczających.
4. Należy skonfigurować adres kamery kopułkowej, prędkość transmisji i pozostałe ustawienia za pomocą przełączników DIP SW 1 oraz SW 2, zob. opis w Punkcie 3.



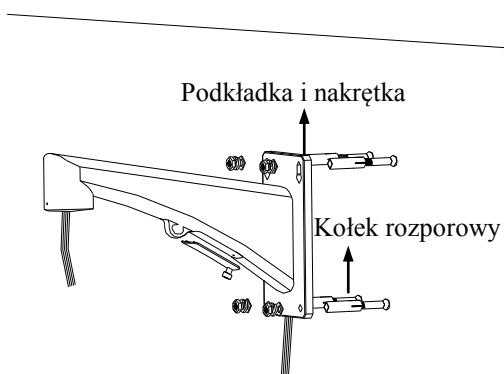
Ponieważ kamera Speeddome samodzielnie dostosowuje się do PELCO-D, PELCO-P, nie jest wymagane żadne ustawienie w zakresie protokołu.



5. Następnie kopułkę należy ponownie umieścić w obudowie i zamknąć obudowę.



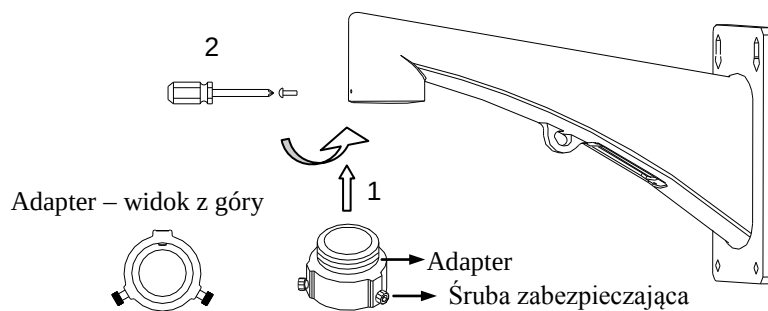
6. Wywierć w ścianie cztery otwory odpowiednio do uchwytu i zamontuj w niej kołek rozporowy.  
 7. Przymocuj uszczelnienie między ścianą i uchwytem za pomocą kołków rozporowych.  
 8. Zamontuj uchwyt za pomocą podkładki i nakrętki.



W przypadku ścian kamiennych zastosowanie kołków rozporowych jest konieczne. Do ścian drewnianych można zastosować wkręty do drewna (Spax).  
 Upewnij się, że ściana jest wystarczająco mocna, aby wytrzymać co najmniej 8-krotny ciężar kamery Speed Dome i uchwytu.

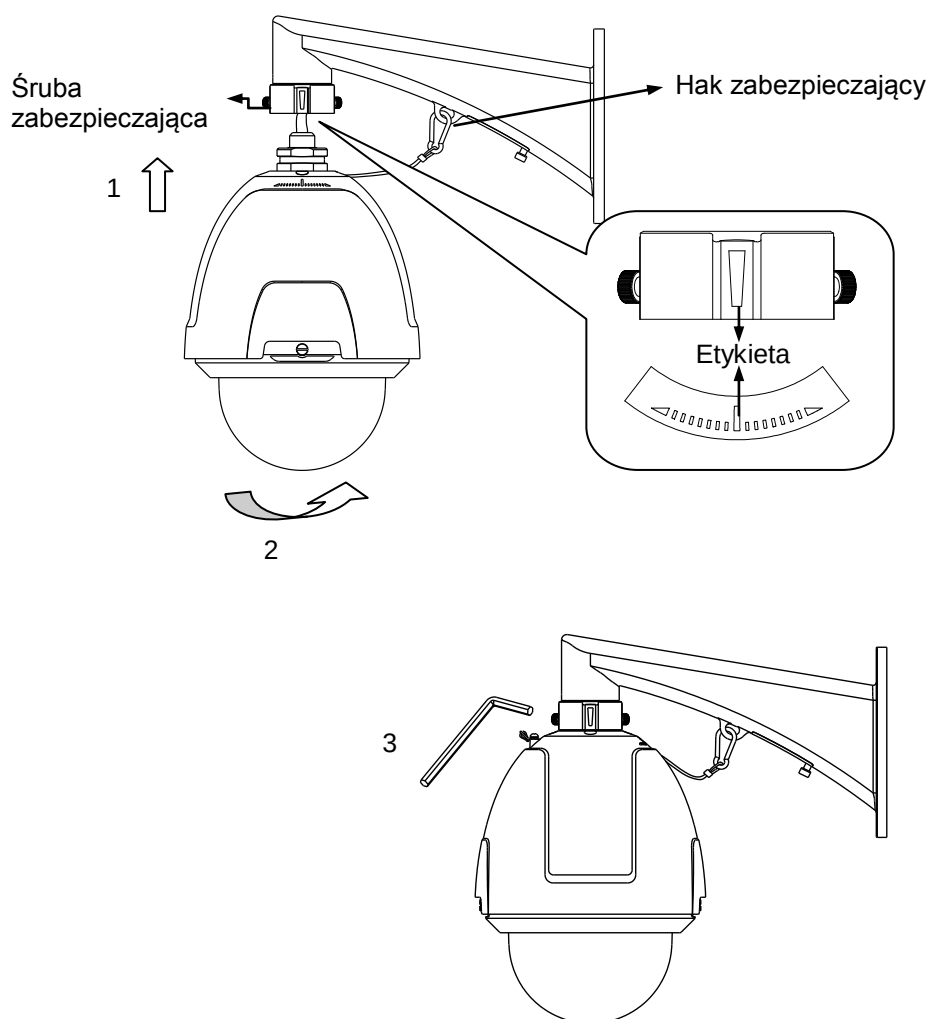
9. Przymocuj taśmę teflonową na gwincie adaptera, a następnie przykręć go do uchwytu.

10. Następnie przymocuj adapter za pomocą śruby bez łba.



11. Powieś kamerę Speed Dome za pomocą haka zabezpieczającego na uchwycie. Następnie przeprowadź kable przez uchwyt.

12. Wyrównaj etykietę adaptera i kamery Speed Dome. Potem dokręć obudowę w kierunku zgodnym z ruchem wskazówek zegara. Zabezpiecz adapter dwoma śrubami zabezpieczającymi.



Pod koniec instalacji usuń folię ochronną z kopułki.

## 4.2 Montaż na suficie podwieszanym TVCC80000

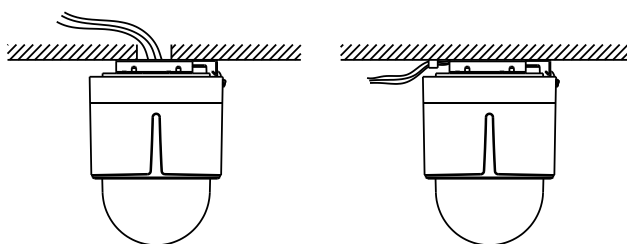
### Przed rozpoczęciem:

Warunkiem wstępnym montażu są następujące punkty:

- Grubość sufitu musi wynosić co najmniej od 5 do 40 mm.
- Sufit musi być wystarczająco mocny, by wytrzymać przynajmniej 4-krotny ciężar kamery Speed Dome i osprzętu.

#### 1. Układanie kabli

Kable mogą być poprowadzone z góry bądź z boku kamery Speed Dome. Jeśli kable mają być doprowadzone z góry, konieczne jest wywiercenie w suficie jednego otworu.



#### 2. Montaż

### Przed rozpoczęciem:

- Do ścian drewnianych można zastosować wkręty do drewna (Spax).
- W przypadku ścian kamiennych wywierć w suficie cztery otwory  $\varnothing 5$  zgodnie z odstępami na płycie montażowej. Następnie umieść w nich cztery odpowiednie kołki rozporowe.

2.1 Przekręć kopułkę w lewo, aby ją otworzyć i zdjąć.

2.2 Zdejmij z kamery osłonę obiektywu, piankę i taśmę.

2.3 Proszę usunąć kamerę Speeddome za pomocą dwóch bocznych sprężyn zabezpieczających.

2.4 Należy skonfigurować adres kamery kopułkowej, prędkość transmisji i pozostałe ustawienia za pomocą przełączników DIP SW 1 oraz SW 2, zob. opis w Punkcie 3.



Ponieważ kamera Speeddome samodzielnie dostosowuje się do PELCO-D, PELCO-P, nie jest wymagane żadne ustawienie w zakresie protokołu.

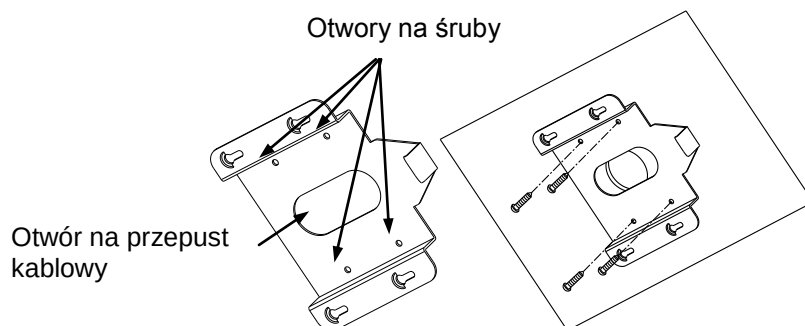
2.5 W celu podłączenia wejść i wyjść alarmowych należy otworzyć podstawkę i podłączyć przewód zgodnie z instrukcją w Punkcie „Opis złącz”.

2.6 Następnie kopułkę należy ponownie umieścić w obudowie i zamknąć obudowę.

2.7 Następnie ponownie zamontuj kopułkę na kamerze.

2.8 Użyj płyty montażowej jako szablonu, aby zaznaczyć cztery otwory do wywiercenia.

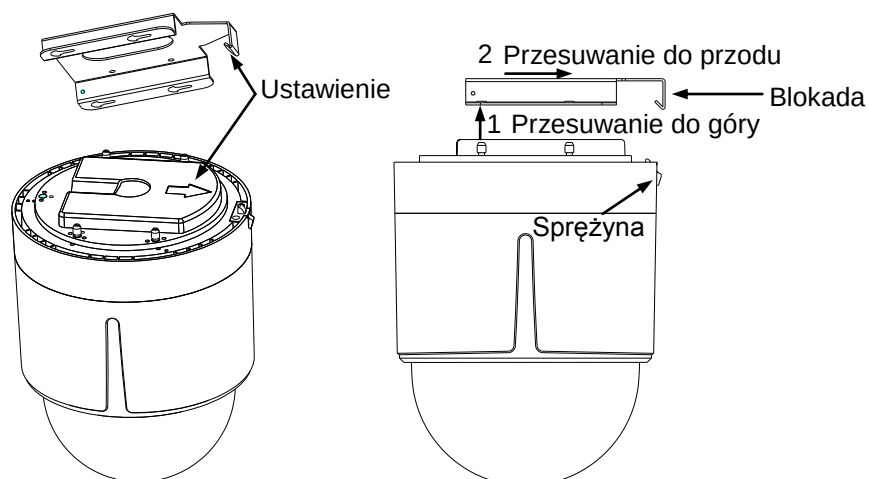
2.9 Jeśli kable mają być doprowadzone z góry, zaznacz odpowiedni otwór na kabel, a następnie wywierć wszystkie otwory.



2.10 Instalacja Speed Dome na płycie montażowej

2.11 Ułóż kable do kamery Speed Dome i dopasuj jej spód do płyty montażowej zgodnie z rysunkiem.

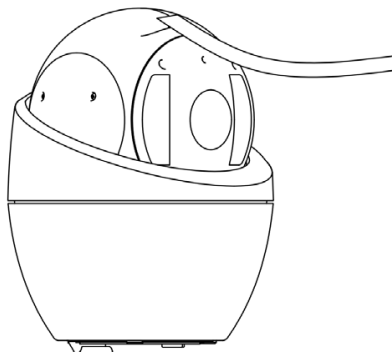
2.12 Przesuń Speed Dome do góry, a następnie do przodu w kierunku wskazywanym przez strzałkę. Gdy Speed Dome znajduje się w prawidłowym położeniu, sprężyna automatycznie wskoczy na płytę montażową.



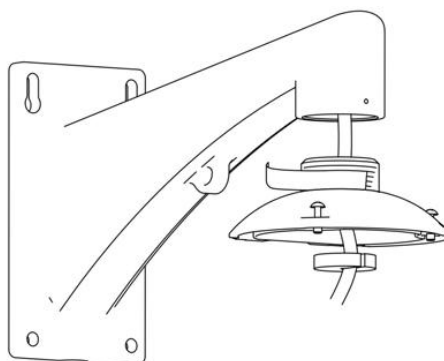
Pod koniec instalacji usuń folię ochronną z kopułki.

**Montaż ścienny TVCC81500**

1. Należy zamontować odpowiednie uchwyty, zob. Punkt 7 „Montaż uchwytów“.
2. Z kamery należy usunąć taśmę.



3. Płytę montażową należy umieścić na uchwytach.

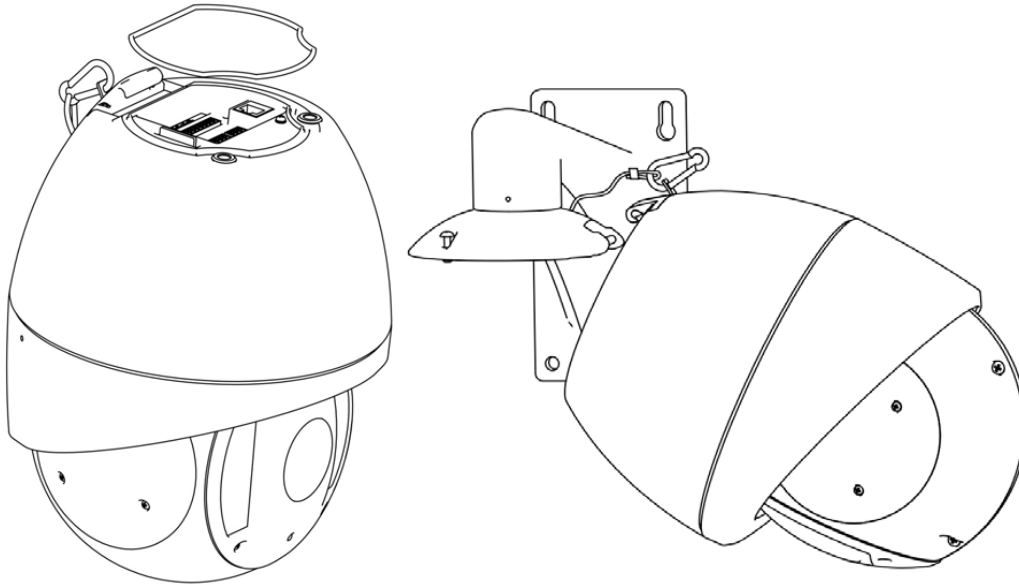


4. Należy skonfigurować adres kamery kopułkowej, prędkość transmisji i pozostałe ustawienia za pomocą przełączników DIP SW 1 oraz SW 2, zob. opis w Punkcie 3.

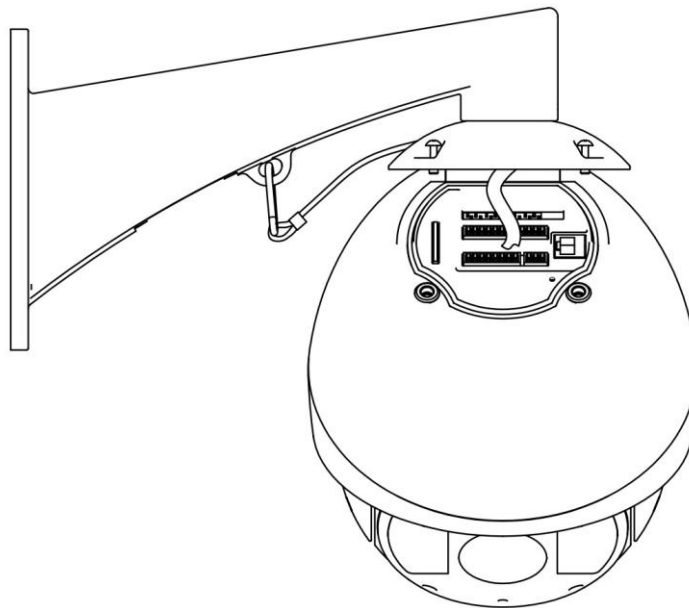


Ponieważ kamera Speeddome samodzielnie dostosowuje się do PELCO-D, PELCO-P, nie jest wymagane żadne ustawienie w zakresie protokołu.

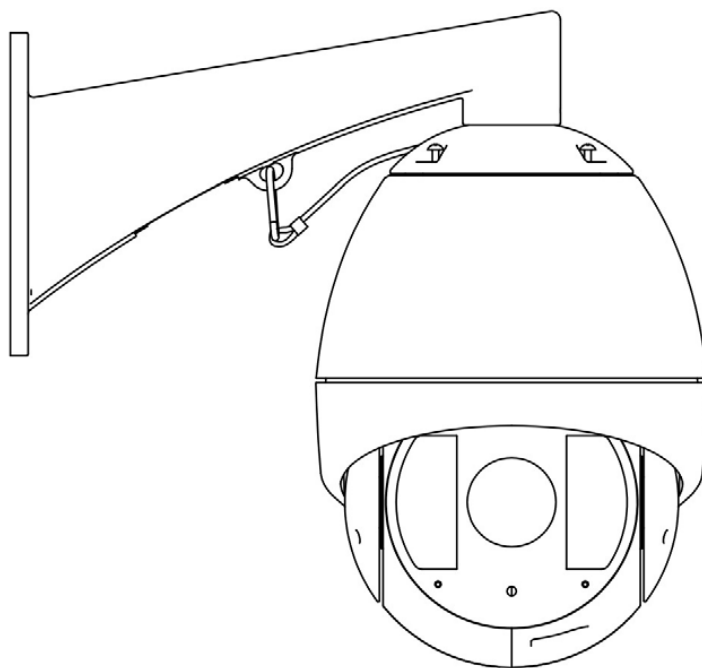
5. Należy założyć okrągły pierścień i zawiesić hak zabezpieczający.



6. Kamerę należy zawiesić na płycie adaptera i podłączyć odpowiednio przewód połączeniowy.



7. Należy użyć śrub imbusowych w celu zamknięcia oraz zamocowania obudowy.



## 5. Ustawienia przełącznika DIP

### 5.1 Ustawienia adresu

Przełącznik DIP SW1 jest wykorzystywany do ustawiania adresu kamery:

| Adres kamery | Ustawienia SW1                                                                        | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   |
|--------------|---------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 0            | SW1  | OFF | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 1            | SW1  | ON  | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 255          | SW1  | ON  | ON  | ON  | ON  | ON  | ON  | ON  | ON  |

Ustawienia dla adresu 0~71:

| Pozycja SW1 | Ustawienia przełącznika DIP SW1 |     |     |     |     |     |     |     |
|-------------|---------------------------------|-----|-----|-----|-----|-----|-----|-----|
| Adres       | 1                               | 2   | 3   | 4   | 5   | 6   | 7   | 8   |
| 0           | OFF                             | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 1           | ON                              | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 2           | OFF                             | ON  | OFF | OFF | OFF | OFF | OFF | OFF |
| 3           | ON                              | ON  | OFF | OFF | OFF | OFF | OFF | OFF |
| 4           | OFF                             | OFF | ON  | OFF | OFF | OFF | OFF | OFF |
| 5           | ON                              | OFF | ON  | OFF | OFF | OFF | OFF | OFF |
| 6           | OFF                             | ON  | ON  | OFF | OFF | OFF | OFF | OFF |
| 7           | ON                              | ON  | ON  | OFF | OFF | OFF | OFF | OFF |
| 8           | OFF                             | OFF | OFF | ON  | OFF | OFF | OFF | OFF |
| 9           | ON                              | OFF | OFF | ON  | OFF | OFF | OFF | OFF |
| 10          | OFF                             | ON  | OFF | ON  | OFF | OFF | OFF | OFF |
| 11          | ON                              | ON  | OFF | ON  | OFF | OFF | OFF | OFF |
| 12          | OFF                             | OFF | ON  | ON  | OFF | OFF | OFF | OFF |
| 13          | ON                              | OFF | ON  | ON  | OFF | OFF | OFF | OFF |
| 14          | OFF                             | ON  | ON  | ON  | OFF | OFF | OFF | OFF |
| 15          | ON                              | ON  | ON  | ON  | OFF | OFF | OFF | OFF |
| 16          | OFF                             | OFF | OFF | OFF | ON  | OFF | OFF | OFF |
| 17          | ON                              | OFF | OFF | OFF | ON  | OFF | OFF | OFF |
| 18          | OFF                             | ON  | OFF | OFF | ON  | OFF | OFF | OFF |
| 19          | ON                              | ON  | OFF | OFF | ON  | OFF | OFF | OFF |
| 20          | OFF                             | OFF | ON  | OFF | ON  | OFF | OFF | OFF |
| 21          | ON                              | OFF | ON  | OFF | ON  | OFF | OFF | OFF |
| 22          | OFF                             | ON  | ON  | OFF | ON  | OFF | OFF | OFF |
| 23          | ON                              | ON  | ON  | OFF | ON  | OFF | OFF | OFF |
| 24          | OFF                             | OFF | OFF | ON  | ON  | OFF | OFF | OFF |
| 25          | ON                              | OFF | OFF | ON  | ON  | OFF | OFF | OFF |
| 26          | OFF                             | ON  | OFF | ON  | ON  | OFF | OFF | OFF |
| 27          | ON                              | ON  | OFF | ON  | ON  | OFF | OFF | OFF |
| 28          | OFF                             | OFF | ON  | ON  | ON  | OFF | OFF | OFF |
| 29          | ON                              | OFF | ON  | ON  | ON  | OFF | OFF | OFF |
| 30          | OFF                             | ON  | ON  | ON  | ON  | OFF | OFF | OFF |
| 31          | ON                              | ON  | ON  | ON  | ON  | OFF | OFF | OFF |
| 32          | OFF                             | OFF | OFF | OFF | OFF | ON  | OFF | OFF |
| 33          | ON                              | OFF | OFF | OFF | OFF | ON  | OFF | OFF |
| 34          | OFF                             | ON  | OFF | OFF | OFF | ON  | OFF | OFF |
| 35          | ON                              | ON  | OFF | OFF | OFF | ON  | OFF | OFF |
| 36          | OFF                             | OFF | ON  | OFF | OFF | ON  | OFF | OFF |
| 37          | ON                              | OFF | ON  | OFF | OFF | ON  | OFF | OFF |
| 38          | OFF                             | ON  | ON  | OFF | OFF | ON  | OFF | OFF |
| 39          | ON                              | ON  | ON  | OFF | OFF | ON  | OFF | OFF |
| 40          | OFF                             | OFF | OFF | ON  | OFF | ON  | OFF | OFF |
| 41          | ON                              | OFF | OFF | ON  | OFF | ON  | OFF | OFF |



|    |     |     |     |     |     |     |     |     |
|----|-----|-----|-----|-----|-----|-----|-----|-----|
| 42 | OFF | ON  | OFF | ON  | OFF | ON  | OFF | OFF |
| 43 | ON  | ON  | OFF | ON  | OFF | ON  | OFF | OFF |
| 44 | OFF | OFF | ON  | ON  | OFF | ON  | OFF | OFF |
| 45 | ON  | OFF | ON  | ON  | OFF | ON  | OFF | OFF |
| 46 | OFF | ON  | ON  | ON  | OFF | ON  | OFF | OFF |
| 47 | ON  | ON  | ON  | ON  | OFF | ON  | OFF | OFF |
| 48 | OFF | OFF | OFF | OFF | ON  | ON  | OFF | OFF |
| 49 | ON  | OFF | OFF | OFF | ON  | ON  | OFF | OFF |
| 50 | OFF | ON  | OFF | OFF | ON  | ON  | OFF | OFF |
| 51 | ON  | ON  | OFF | OFF | ON  | ON  | OFF | OFF |
| 52 | OFF | OFF | ON  | OFF | ON  | ON  | OFF | OFF |
| 53 | ON  | OFF | ON  | OFF | ON  | ON  | OFF | OFF |
| 54 | OFF | ON  | ON  | OFF | ON  | ON  | OFF | OFF |
| 55 | ON  | ON  | ON  | OFF | ON  | ON  | OFF | OFF |
| 56 | OFF | OFF | OFF | ON  | ON  | ON  | OFF | OFF |
| 57 | ON  | OFF | OFF | ON  | ON  | ON  | OFF | OFF |
| 58 | OFF | ON  | OFF | ON  | ON  | ON  | OFF | OFF |
| 59 | ON  | ON  | OFF | ON  | ON  | ON  | OFF | OFF |
| 60 | OFF | OFF | ON  | ON  | ON  | ON  | OFF | OFF |
| 61 | ON  | OFF | ON  | ON  | ON  | ON  | OFF | OFF |
| 62 | OFF | ON  | ON  | ON  | ON  | ON  | OFF | OFF |
| 63 | ON  | ON  | ON  | ON  | ON  | ON  | OFF | OFF |
| 64 | OFF | OFF | OFF | OFF | OFF | OFF | ON  | OFF |
| 65 | ON  | OFF | OFF | OFF | OFF | OFF | ON  | OFF |
| 66 | OFF | ON  | OFF | OFF | OFF | OFF | ON  | OFF |
| 67 | ON  | ON  | OFF | OFF | OFF | OFF | ON  | OFF |
| 68 | OFF | OFF | ON  | OFF | OFF | OFF | ON  | OFF |
| 69 | ON  | OFF | ON  | OFF | OFF | OFF | ON  | OFF |
| 70 | OFF | ON  | ON  | OFF | OFF | OFF | ON  | OFF |
| 71 | ON  | ON  | ON  | OFF | OFF | OFF | ON  | OFF |

## 5.2 Ustawienia prędkości transmisji

Pozycje 1-3 przełącznika DIP SW2 są wykorzystywane w celu ustawienia prędkości transmisji kamery.

| Ustawienia prędkości transmisji przełącznika DIP SW2 |                        |     |     |     |
|------------------------------------------------------|------------------------|-----|-----|-----|
| Prędkość transmisji                                  | Ustawienia pozycji 1-3 | 1   | 2   | 3   |
| 2400                                                 | SW2                    | ON  | OFF | OFF |
| 4800                                                 | SW2                    | OFF | ON  | OFF |
| 9600                                                 | SW2                    | ON  | ON  | OFF |
| 19200<br>(tylko TVCC8x000)                           | SW2                    | OFF | OFF | ON  |
| 38400<br>(tylko TVCC8x000)                           | SW2                    | ON  | OFF | ON  |

## 5.3 Ustawienia protokołu

Pozycje 4-6 przełącznika DIP SW2 są wykorzystywane w celu ustawienia protokołu kamery.

| Ustawienia protokołu przełącznika DIP SW2 |                        |     |    |    |
|-------------------------------------------|------------------------|-----|----|----|
| Protokół                                  | Ustawienia pozycji 4-6 | 4   | 5  | 6  |
| Bosch Manchester                          | SW2                    | OFF | ON | ON |
| AD Manchester                             | SW2                    | ON  | ON | ON |
| Self-adaptive                             | Inne                   |     |    |    |

5.4 Ustawienia transmisji Simpleks/Semidupleks

Pozycja 7 przełącznika DIP SW2 wykorzystywana jest do ustawień komunikacji.

| Ustawienia transmisji Simpleks/Semidupleks przełącznika DIP SW2 |                                                                                       |     |
|-----------------------------------------------------------------|---------------------------------------------------------------------------------------|-----|
| Opis                                                            | Ustawienia pozycji 7                                                                  | 7   |
| Simplex                                                         | SW2  | OFF |
| Half-duplex                                                     | SW2  | ON  |

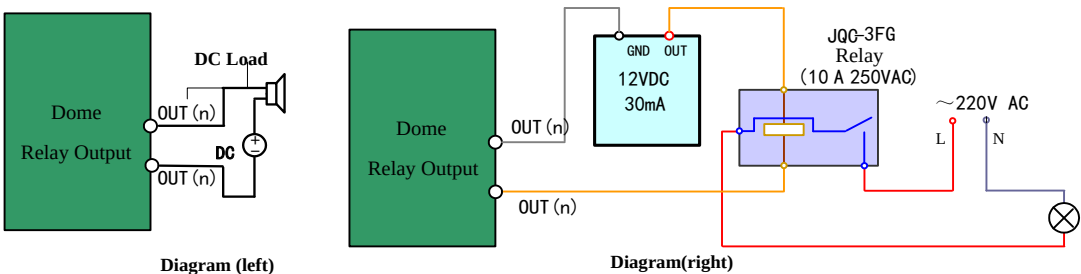
5.5 Ustawienie rezystora obciążenia

Pozycja 8 przełącznika DIP SW2 wykorzystywana jest do ustawienia rezystora obciążenia.

| Ustawienia rezystora obciążenia przełącznika DIP SW2 |                                                                                       |     |
|------------------------------------------------------|---------------------------------------------------------------------------------------|-----|
| Opis                                                 | Ustawienia pozycji 8                                                                  | 8   |
| Nie                                                  | SW2  | OFF |
| Tak                                                  | SW2  | ON  |

6. Alarm WŁ./WYŁ.

6.1 Schemat połączeń



Schemat połączeń po lewej:

Tu można podłączyć odbiorniki końcowe z następującym obciążeniem.  
DC: maks. 12 V DC, 30 mA

Schemat połączeń po prawej:

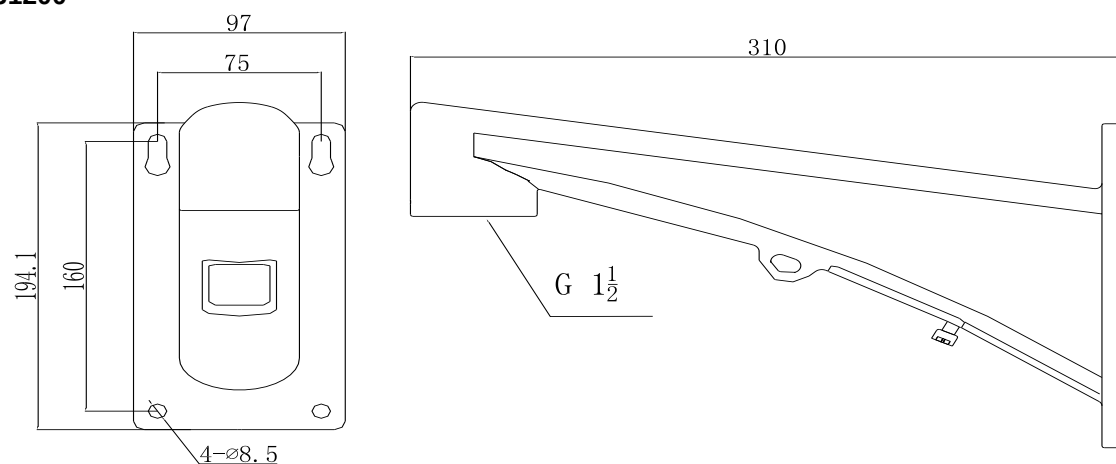
Konieczne jest zastosowanie zewnętrznego przekaźnika w celu uniknięcia elektrycznych uszkodzeń kamery.

## 7. Montaż uchwyty

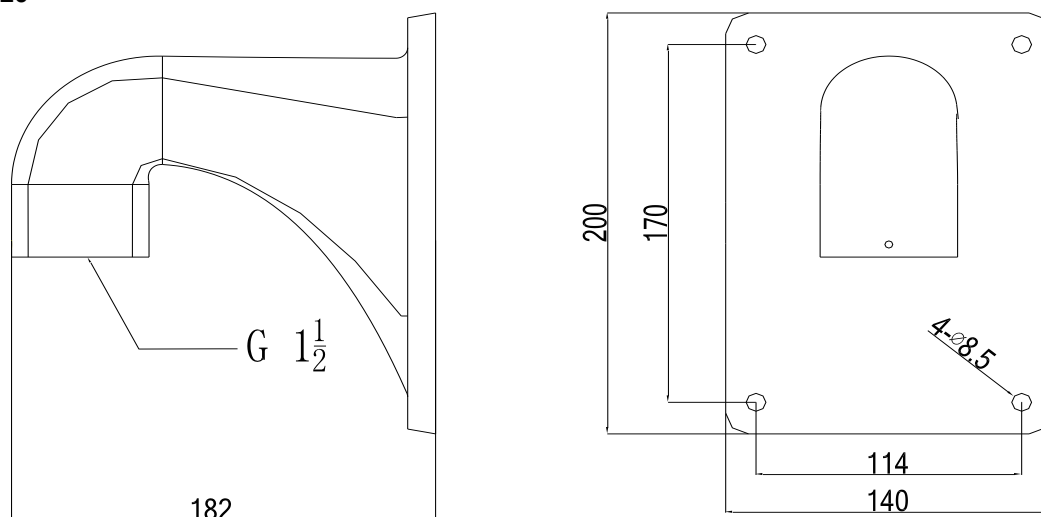
### 7.1 Montaż uchwyty naścienny (TVAC31200/TVAC31210)

#### 7.1.1 Wymiary

##### TVAC31200



##### TVAC31210

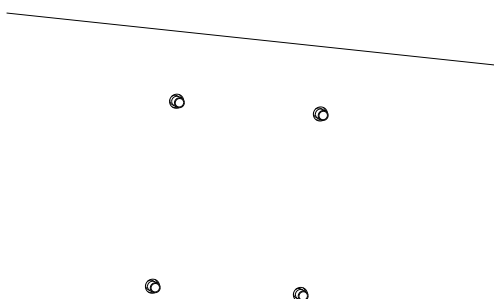


## 7.1.2 Montaż

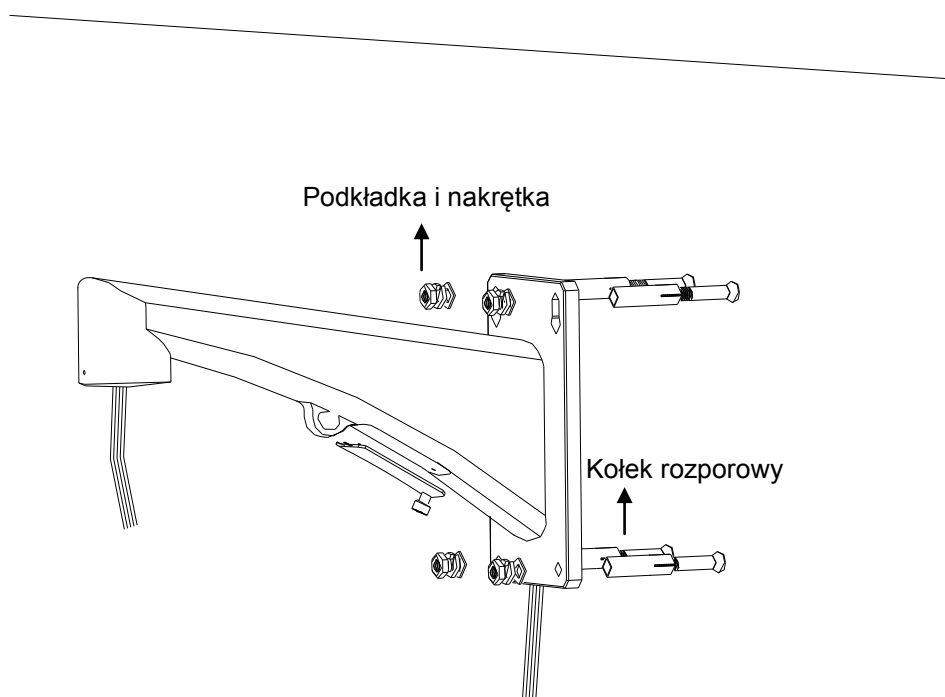
**Przed rozpoczęciem:**

- Ściana musi mieć wystarczającą grubość, aby można było zamontować kołki rozporowe.
- Upewnij się, że ściana jest wystarczająco mocna, aby wytrzymać co najmniej 8-krotny ciężar kamery Speed Dome i uchwyty.

1. Wywierć w ścianie cztery otwory zgodnie z wymiarami i zamontuj kołek rozporowy.



2. Przymocuj uszczelnienie między ścianą i uchwytem za pomocą kołków rozporowych.
3. Zamontuj uchwyt za pomocą podkładki i nakrętki.

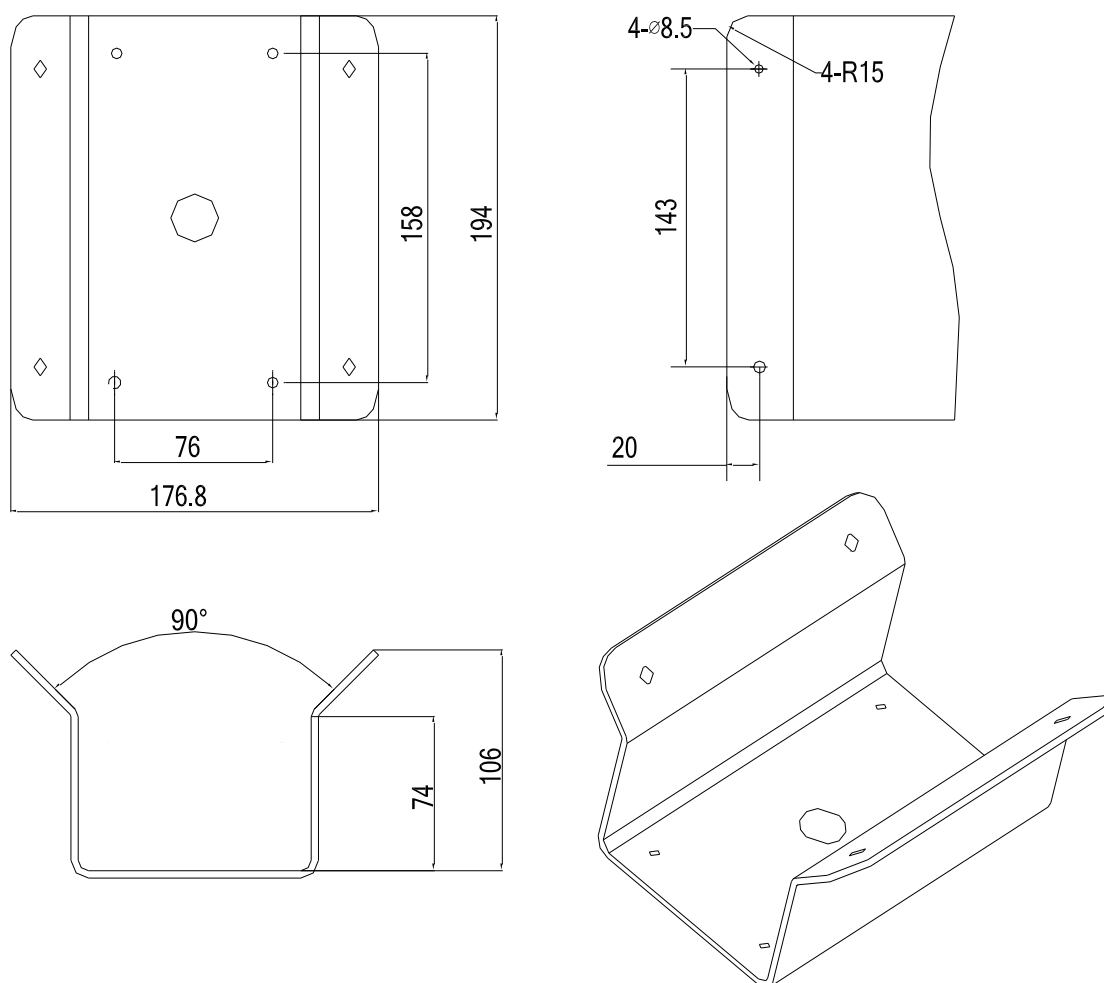


Instalacja TVAC31210 jest identyczna.

## 7.2 Montaż uchwyty narożnego (TVAC31220)

### 7.2.1 Wymiary

#### TVAC31220

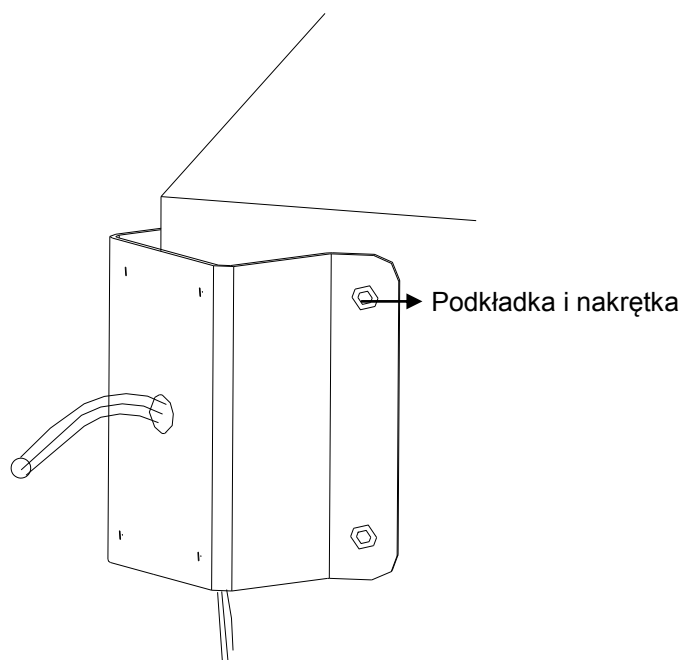


### 7.2.2 Montaż

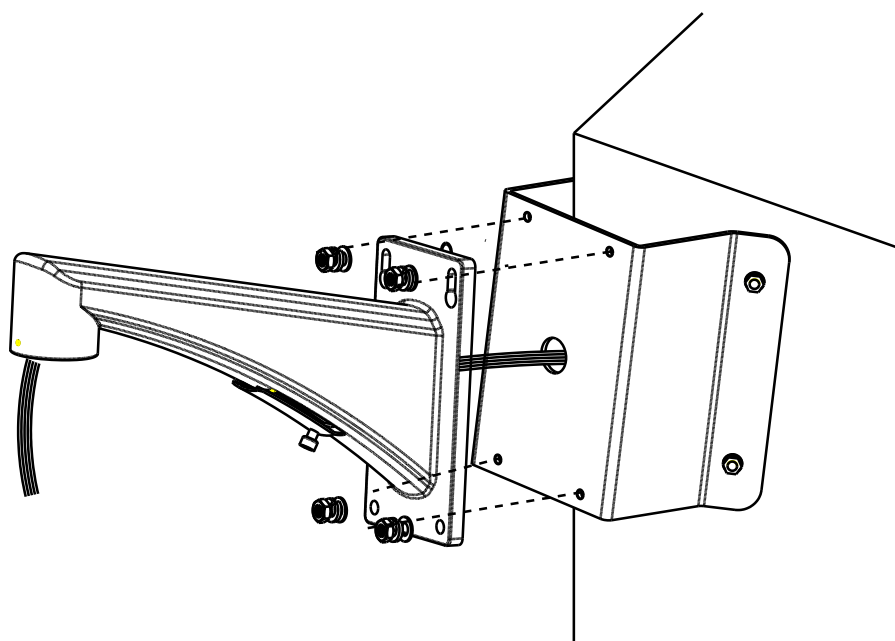
#### Przed rozpoczęciem:

- Ściana musi mieć wystarczającą grubość, aby można było zamontować kołki rozporowe.
- Upewnij się, że ściana jest wystarczająco mocna, aby wytrzymać co najmniej 8-krotny ciężar kamery Speed Dome i uchwyty.

1. Wywierć w ścianie cztery otwory zgodnie z wymiarami i zamontuj odpowiedni kołek rozporowy.
2. Przeciągnij kabel przyłączeniowy przez środkowy otwór uchwyty narożnego.
3. Ustaw uchwyt narożny w odpowiedniej pozycji na rogu.
4. Przymocuj adapter za pomocą podkładek i nakrętek.



5. Przymocuj uszczelnienie między uchwytem narożnym i ściennym.
6. Przykręć uchwyt ścienny za pomocą czterech śrub gwintowanych i podkładki sprężystej.



7. Kontynuuj montaż kamery Speed Dome.

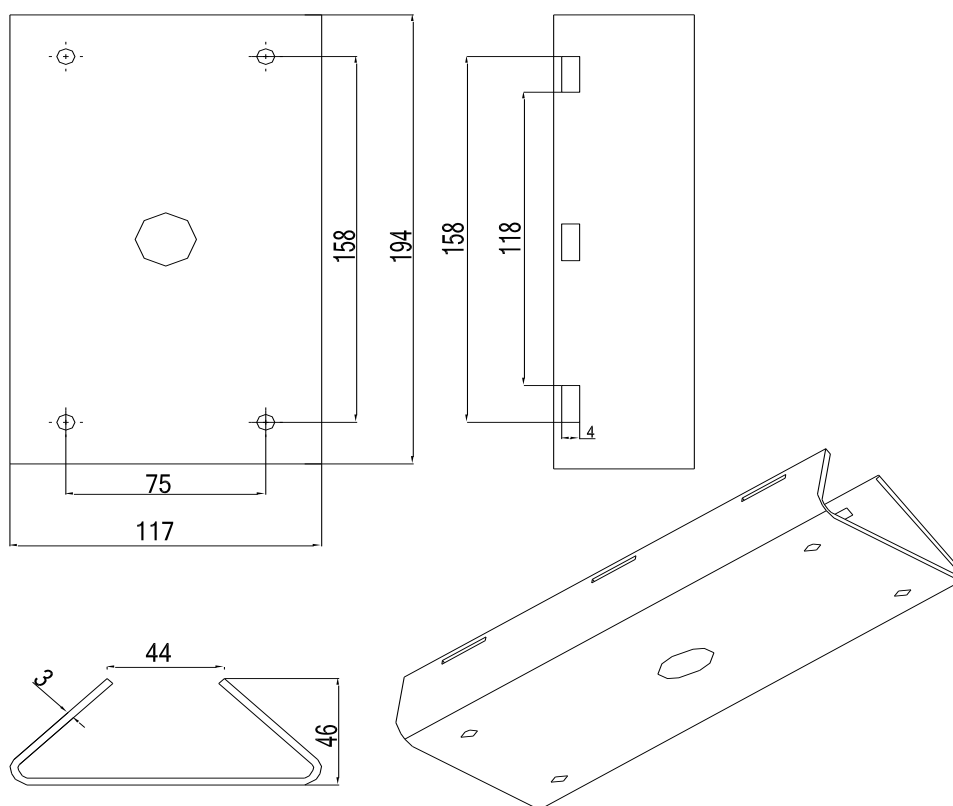


Więcej informacji na temat montażu kamery Speed Dome można znaleźć w rozdziale 4.

## 7.3 Montaż uchwyty masztowego (TVAC31230)

### 7.1.1 Wymiary

#### TVAC3130

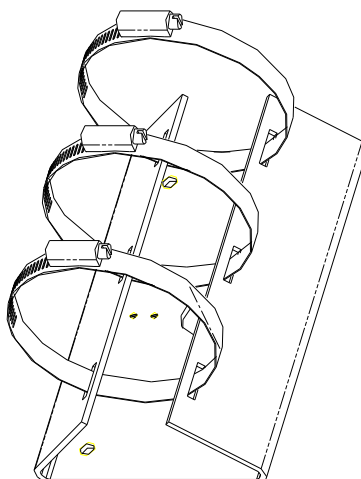


### 7.3.2 Montaż

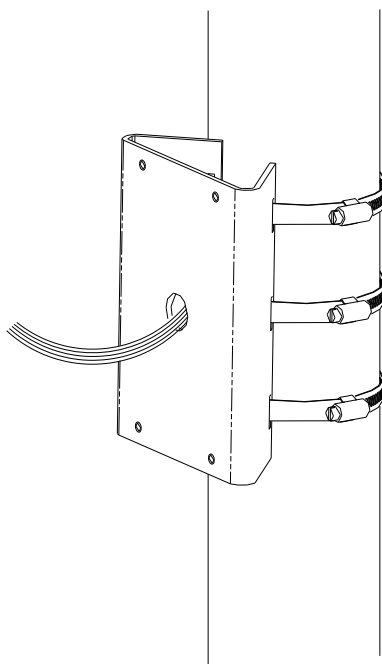
#### Przed rozpoczęciem:

- Średnica zacisku ze stali szlachetnej musi odpowiadać średnicy masztu.
- Upewnij się, że maszt jest wystarczająco mocny, aby wytrzymać co najmniej 8-krotny ciężar kamery Speed Dome i uchwyty.

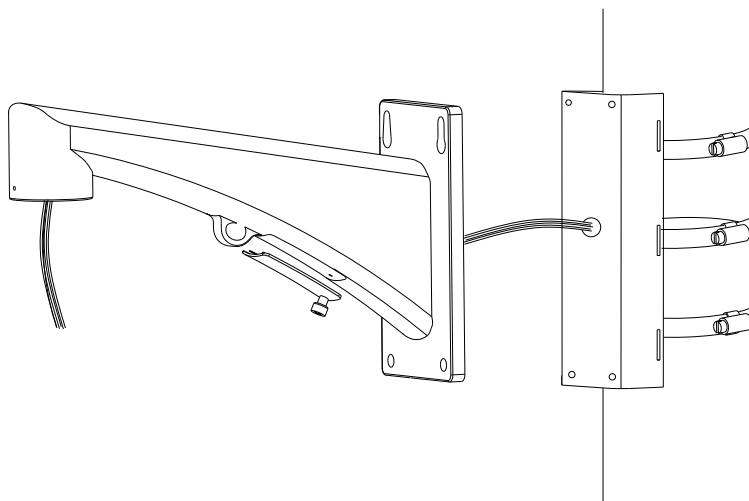
1. Poluzuj śruby zacisku ze stali szlachetnej za pomocą śrubokrętu.
2. Poprowadź je przez otwory w uchwycie masztowym.



3. Przeciągnij kabel przyłączeniowy przez środkowy otwór uchwyty masztowego.
4. Zabezpiecz zacisk ze stali szlachetnej na maszcie poprzez dokręcenie śrub.



5. Przymocuj uszczelnienie między uchwytem masztowym i ściennym.
6. Przykręć uchwyt ścienny za pomocą czterech śrub gwintowanych i podkładki sprężystej.



7. Kontynuuj montaż kamery Speed Dome.



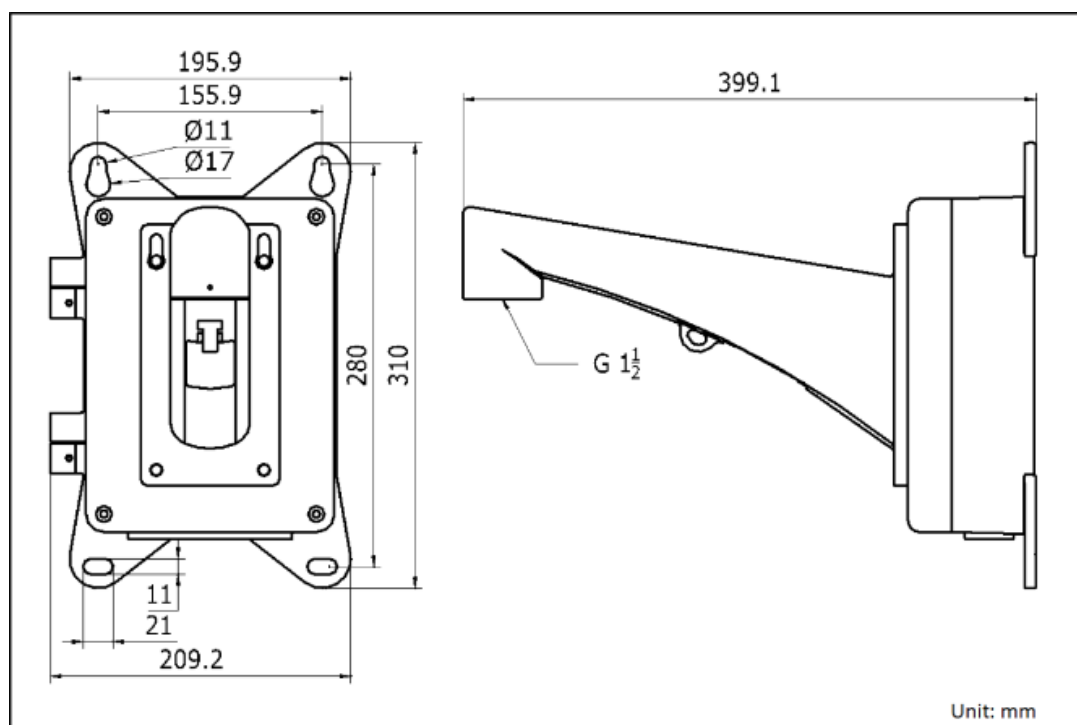
Więcej informacji na temat montażu kamery Speed Dome można znaleźć w rozdziale 4.



## 7.4 Montaż uchwyty naściennego wraz z montowanym zasilaczem sieciowym (TVAC31240)

### 7.4.1 Wymiary

#### TVAC31240

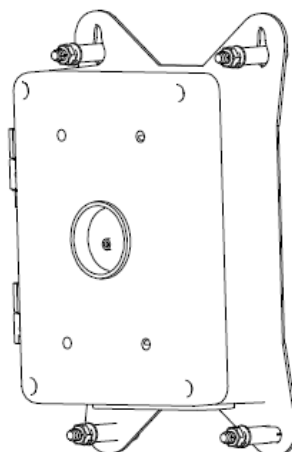


### 7.4.2 Montaż

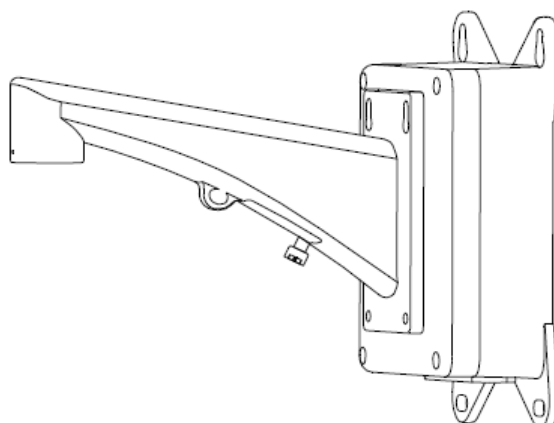
#### Przed rozpoczęciem:

- Ściana musi mieć wystarczającą grubość, aby można było zamontować kołki rozporowe.
- Upewnij się, że ściana jest wystarczająco mocna, aby wytrzymać co najmniej 8-krotny ciężar kamery Speed Dome i uchwyty.

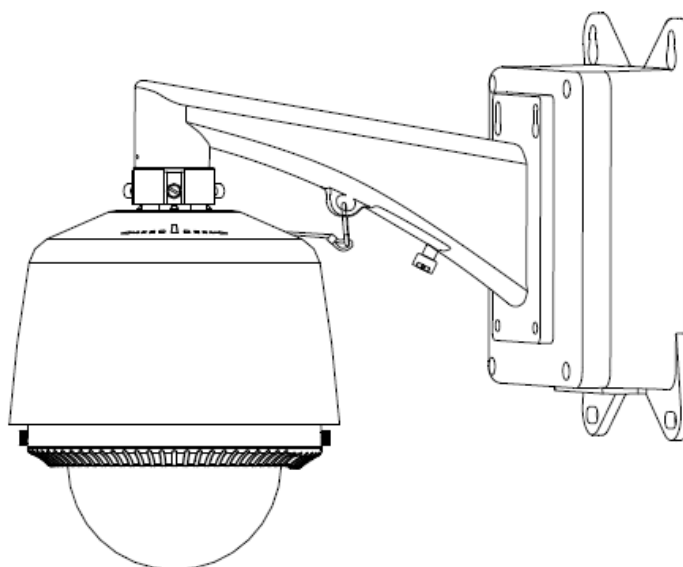
1. Wywierć w ścianie cztery otwory zgodnie z wymiarami na powyższym rysunku.
2. Przymocuj kołki rozporowe.



3. Zamontuj uchwyt ścienny.



4. Poprowadź wszystkie przewody przez skrzynkę montażową do zasilacza sieciowego i podłącz Speed Dome.



Więcej informacji na temat montażu kamery Speed Dome można znaleźć w rozdziale 5.

**Szczegółowa instrukcja w formacie PDF znajduje się na dołączonej płycie CD.**