IPCV10000 / IPCV10010 / IPCV10020

(GB)   **User manual**

This user manual contains important information for installation and operation.
This should be also noted when this product is passed on to a third party.
Therefore look after these operating instructions for future reference!

Version 04/2019

CE

Ⓓ INHALT

Declaration of conformity

ABUS Security-Center hereby declares that the enclosed product complies with the requirements of the following directives concerning the product:

RED Directive (2014/53/EU)
EMC Directive (2014/30/EU)
Low Voltage Directive (2014/35/EU)
RoHS Directive (2011/65/EU)

The full EU declaration of conformity can be obtained from the following address:
ABUS Security-Center GmbH & Co. KG

Linker Kreuthweg 5
86444 Affing
GERMANY

www.abus.com/product/Itemnumber
('Item number' in the link to be replaced with
the article number of the enclosed product)

GNU GPL License note

Note that this product includes open source software, licensed under the GNU General Public License (GPL). The GPL license terms can be viewed online under the following link:

https://www.abus.com/var/ImagesPIM/d110001/medias/docus/13/gpl-2.0_license.txt

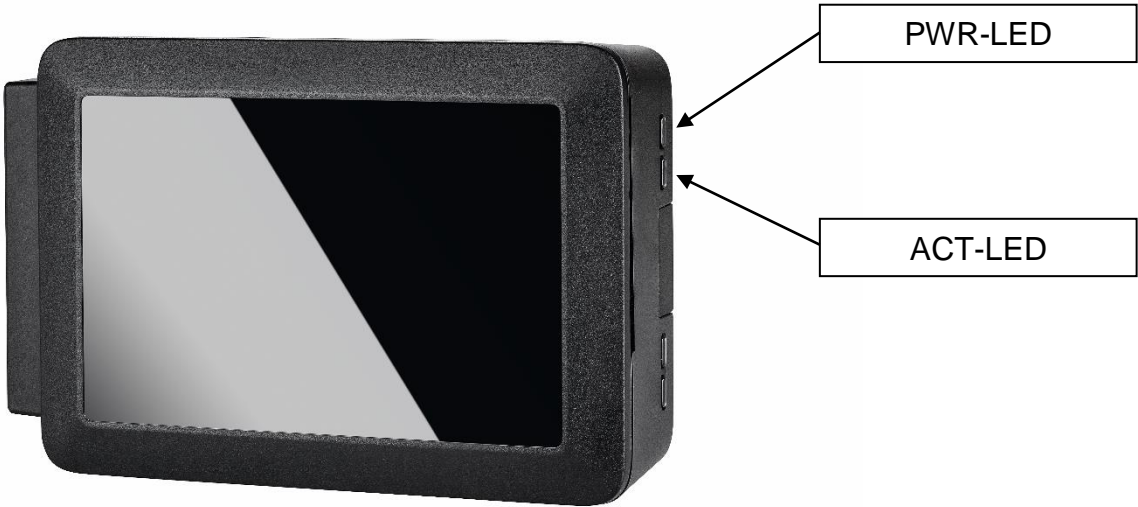# IPCV10000 – ABUS IP Camera Viewer (1-channel)

Features

- Live image display of 2 MPx network cameras on one monitor
- Display expandable up to 4 cameras (IPCV10010)
- Practical solution for numerous customer needs
- Ideal for sales rooms, for example as a confrontation monitor
- Comfortable solution for private end customers, e.g. more security at the front door
- Low installation costs
- Network integration via LAN or WiFi
- Monitor connection via HDMI
- Silent operation
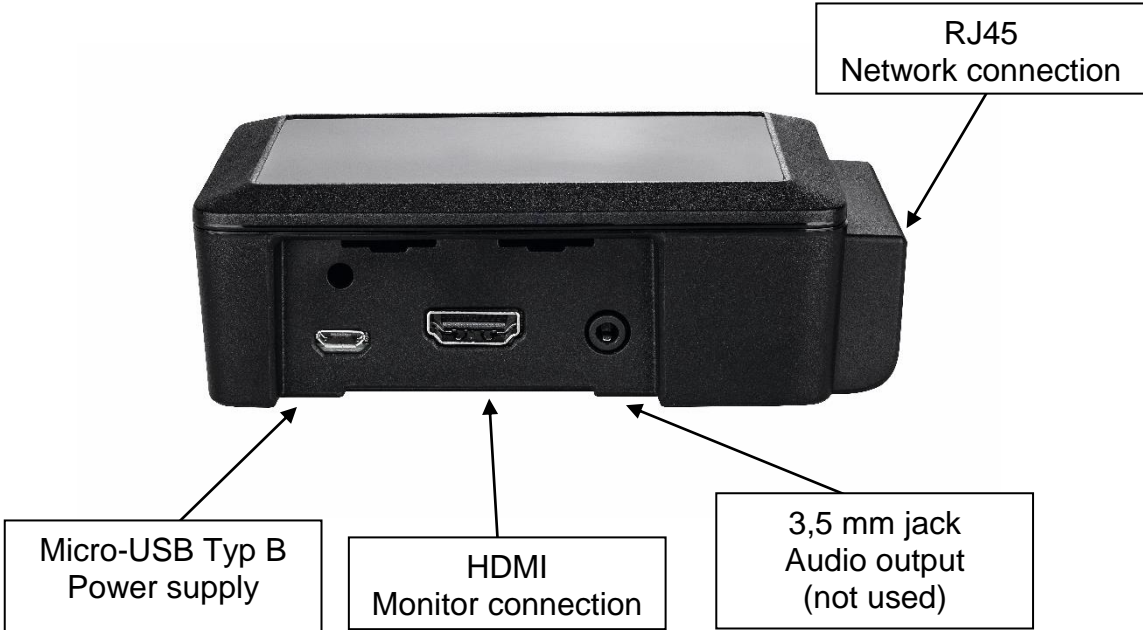- Without the use of an additional PC or recorder

Specification

Item #	IPCV10000
Dimensions	75 x 110 x 35 mm
Connections	1 x HDMI, 1x RJ45, 1x Micro-USB Typ B
Resolution	2 MPx
Resolution modes	1920 x 1080
Scope of delivery	1 x ABUS IP Camera Viewer (1-channel)
Max. operating temperature	50 °C
Min. operating temperature	0 °C
Net weight	0,12 kg
Network connector	RJ45
LAN network access	Gigabit Ethernet with max. 300 Mbit/s
Wi-Fi network access	2,4 GHz & 5 GHz WLAN IEEE 802.11 b/g/n/ac
Voltage supply	5 V DC
Power consumption	2500 mA
Technology	IP

LED Display

LED	Color	Status	Description
PWR	**Red**	Off	No power supply connected
		On	Power supply connected
		Blink	Supply voltage below 4,63 Volt
ACT	**Green**	Off	No access to SD card
		On	Accessing SD card (operating system) not possible or no SD card available
		Blink	Flashes every time accessing the SD card (read and write access)

Connections

RJ45
Network connection

Micro-USB Typ B
Power supply

HDMI
Monitor connection

3,5 mm jack
Audio output
(not used)

IPCV10010 – ABUS Quad View Addon for ABUS IP Camera Viewer

Features

- Extension from 1 to 4 channels for the ABUS IP Camera Viewer (1-channel) IPCV10000
- Software extension via activation code
- No further installation or infrastructure needed

The ABUS Quad View Addon is the display expansion of your ABUS IP Viewer IPCV10000 from one camera to four cameras. You will receive a sealed envelope with activation code, which allows you to unlock three additional display channels without any further installation effort.

IPCV10020 – ABUS Overlay Add-on für ABUS IP Camera Viewer

Features

- Software extension to display logo and text
- Video stream optimization for the POS and adaptation to the corporate design
- Integration of customized data for targeted customer information
- Software extension using activation code
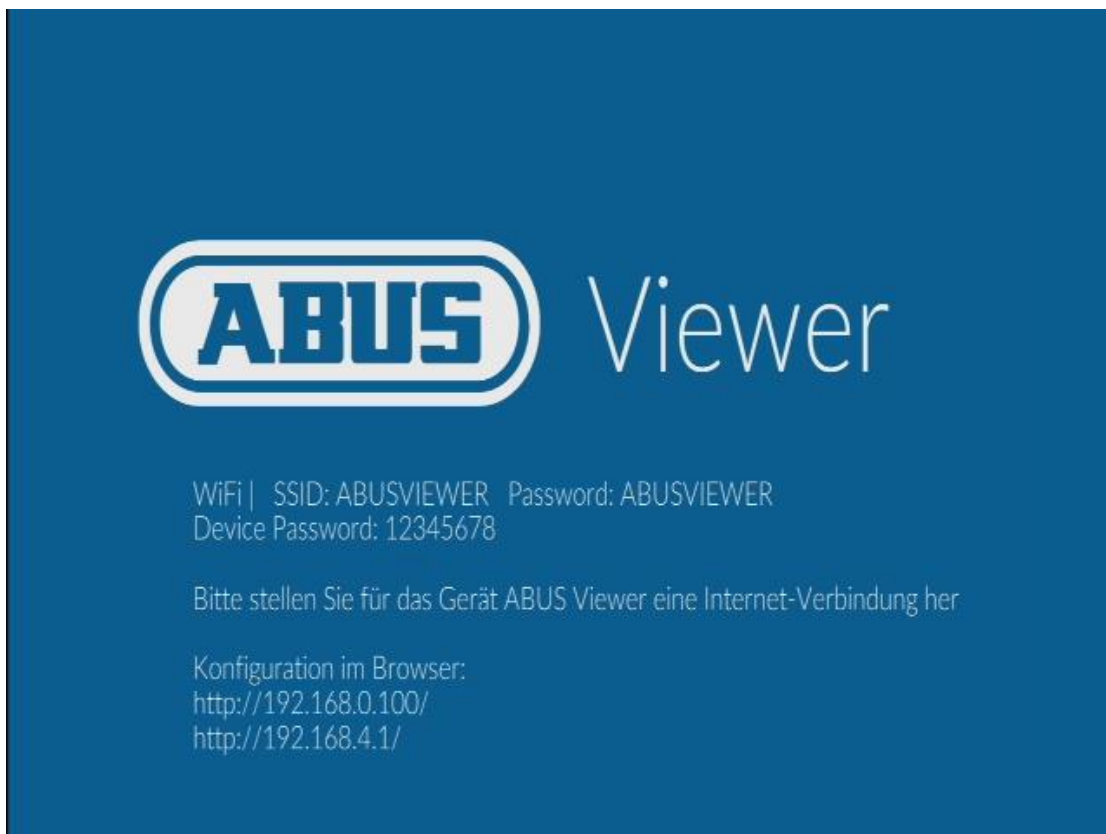- No further installation or infrastructure necessary

The Overlay add-on is an extension for the ABUS IP Viewer for displaying a logo and text line. This function makes it possible to optimize the point of sale. The positions of both elements are preconfigured.

How to install the ABUS IP Camera Viewer

- Connect the ABUS IP Camera Viewer with an HDMI cable to the monitor that you want to use, to display the camera image.
- When operating via network cable, connect the cable now with the ABUS IP Camera Viewer. If operating via WiFi, proceed directly with the next step.
- Connect the ABUS IP Camera Viewer to a USB power supply to turn on the device and provide power.
- Select the appropriate HDMI input tob e displayed on the monitor.
- After the ABUS IP Camera Viewer has booted up, you will see the following startup screen:

⚠️ Please note that the ABUS Viewer must be connected to a network that has access to the Internet for initial startup. This also applies to commissioning after resetting the configuration settings to factory default.

Example: Start display of the ABUS IP Camera Viewer on the monitor

Explanation of the IP addresses:
http://192.168.0.100   ABUS Viewer Address from the local connected network via network cable.
http://192.168.4.1   ABUS Viewer address of its own WiFi hotspot "ABUSVIEWER" (only for configuration access)

Configuration of the ABUS IP Camera Viewer the network

The ABUS Viewer has a web interface, which is used to configure the device. In order to access the web interface, you must connect to the ABUS Viewer with your PC or web-enabled terminal as follows.

Please note that the ABUS Viewer must be connected to a network that has access to the Internet for initial startup.

An appropriate privacy policy is available at the beginning on the web interface of the ABUS Viewer.

- **Connection via ABUS IP Installer**

  If you are already using the ABUS IP Installer and have connected the ABUS Viewer to the network, you can find the ABUS Viewer in the device list and access the web interface of the ABUS Viewer.

- **Connection via network.**

  If you have connected the ABUS Viewer to the network, you can access the web interface of the ABUS Viewer directly via the web browser. The web interface can be reached in the web browser via the IP address, which can be found on the monitor's start display.

- **Connection via WiFi**

  After booting, the ABUS Viewer provides a WiFi hotspot. On the start display of the monitor, you can see the WiFi name (SSID) as well as the password to connect to the ABUS Viewer with your mobile device. Now you can reach its web interface in the web browser via the IP address, which can also be found on the monitor's start display.

If the general conditions of use have been confirmed and you have an internet connection, you can access the menu of the ABUS Viewer via the web interface. First, the password must be changed.

⚠ Please note, if you need to reset the password in the future, you will need the IP address of the ABUS Viewer to access the device. It is therefore recommended to assign a fixed IP address during configuration.

Please note that the device restarts after changing the network settings.

Now you can add IP cameras from the network as described in the section "Cameras" of the following chapter.

User interface

Explanation of the user interface for making configuration settings on the ABUS IP Camera Viewer.

Overview

The menu "Overview" provides information about currently displayed cameras.

Cameras

The menu "Cameras" is used for automatic or manual setup and adding of IP cameras. Cameras are also edited or removed here.

Auto: Automatic search for IP cameras in the network

Manually: For the manual setup of a new IP camera, the following data must be known and entered:

- Name
- IP address
- http Port
- RTSP Port
- RTSP Path Mainstream (optional)
- RTSP Path Substream (optional)
- User
- Password

View

Under the menu "View", the live image view is configured for the monitor.

- Setting the display mode, full screen or 2 x 2
- Selection of the camera which shall be used for live image view
- Selection of the camera stream which shall be displayed

⚙ System

Under the menu "System", the following system settings are made.

- **Languages**
  - ➔ Selection of the language for the user interface; DE, GB, NL, DK, ES, FR, RU or IT.

- **Addons**
  - ➔ Activation of the ABUS Addon extension IPCV10010 and IPCV10020 by entering the activation code (AddOn Secure Code).

- **Network**
  - ➔ Configuration of the network settings for TCP/IP or WiFi

- **Password**
  - ➔ Password change for the ABUS Viewer

- **Save and recovery**
  - ➔ Backup configuration settings of the ABUS Viewers in a cfg file
  - ➔ Load backup of configuration settings from a cfg file

- **Update**
  - ➔ View the current software version and search automatically for updates

- **Factory settings**
  - ➔ Resetting the configuration settings of the ABUS Viewer to the factory default. Optionally with or without network settings.

- **Licenses**
  - ➔ View the license terms

Password reset

In order to reset the password, you must access the web interface of the ABUS Viewer during the startup phase of the device, with the IP address of the ABUS Viewer and "/reset".

- The startup phase of the ABUS Viewer is 120 seconds from power-on
- The address for accessing the password reset web interface is **"IP address of the ABUS Viewer"/reset**

Now you can reset the password and log in again with the default password "12345678".

Troubleshooting

There is no internet connection at the installation site.
Initial commissioning does not have to take place at the installation site. Thus, the ABUS IP Camera Viewer can be put into operation in a place with Internet connection and later installed in a different location where the configuration will be completed.

IP camera is not found.
If the ABUS IP Camera Viewer is connected to two networks (WiFi and wired at the same time), by using the WiFi only for the Internet connection, the camera search may not work.
In this case deactivate WiFi in the system settings "System -> Network -> WiFi ->" Wlan - Off ".
Now the camera search works trouble-free in the wired network.

Warning

- For indoor use only
- Do NOT open the casing
- Do NOT use near water
- Do NOT insert sharp objects

⊖ Imprint

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