Firmware Release Note – ABUS MODUVIS TVHS2xxxx

Version Door station: V2.2.3_201029
Version Monitor: V2.1.2_210927
Release Date: 12.04.2022

Firmware compatible with following products:
- TVHS20000(S),TVHS20010(S), TVHS20200, TVHS2010, TVHS20220

Note: The firmware for door station with new change "voice announcement language can be adjusted" has the same version number 2.2.3_201029.

For intercom display no new firmware is available. (V2.1.2_201029 or V2.1.2_210927 has same functions , only different production dates. If V2.1.2_201029 is installed on your intercom monitor you don't need to upgrade to V2.1.2 210927)

The devices are upgradable via „ABUS IP Installer" or „ABUS CMS Software". To perform the upgrade via ABUS CMS software please add the devices to the CMS Software. Each device (monitor, extension monitor, door station) is a separated IP-device with an own IP address.

Please use the ABUS CMS Software Version 3.x for remote configuring the MODUVIS system. You can download it on our homepage and you will find it under article number TVSW11001.

Adding the devices to ABUS CMS: (Same procedure as ABUS NVR/DVR)
- Port 8000
- User: „admin"
- Password: Please use the activation password which you used for activating the monitors. The door station has the same password as the main monitor of the intercom system. Main monitor automatically activates the door unit after adding.

In case of devices were activated manually, please use the correct password for each device for adding.

Please start the ABUS CMS Software and click on "Online devices".

Down below now a list with all online devices in network appears. Choose the devices you want to upgrade and click on "Add".

If devices are successfully added, there is a green status icon "Online" visible. With the gearwheel "settings" icon, you open the remote configuration of the certain device.

Please go to „Remote Configuration „in the ABUS CMS Software and go to the "Maintenance" menu of the device you want to upgrade. It is recommended to reset he device to factory default after upgrade. Never disconnect power supply while upgrading devices!

There is no possibility of local firmware upgrade via microSD card!

Release notes:

- <mark>**04/2022 new:**</mark> Voice announcement (e.g.: "*The door is open*") of video door module (TVHS20000(S), TVHS20010(S) can be changed via ABUS CMS software (remote configuration). Please setup language in the "System Maintenance" menu.

• <mark>**04/2022 new:**</mark> External bell switches/buttons can be connected via the digital inputs of the door module.

Digital input AIN 1 triggers Apartment 1, AIN 2 = Apartment 2, AIN 3 = Apartment 3 and AIN 4 rings at Apartment 4. This means that up to 4 parties can be provided with their own bell button. The bell module TVHS20020(S) is not necessary.

To configure the digital inputs, the respective switching input AI must be set to "Custom" via the ABUS CMS software (remote configuration) in the "Intercom/IO Input" menu.

In order to trigger the bell signal, the switching input contact on the door station AIN 1 - AIN 4 must be bridged to "GND".

Example with two apartments:

Max. 2A @ 30 VDC

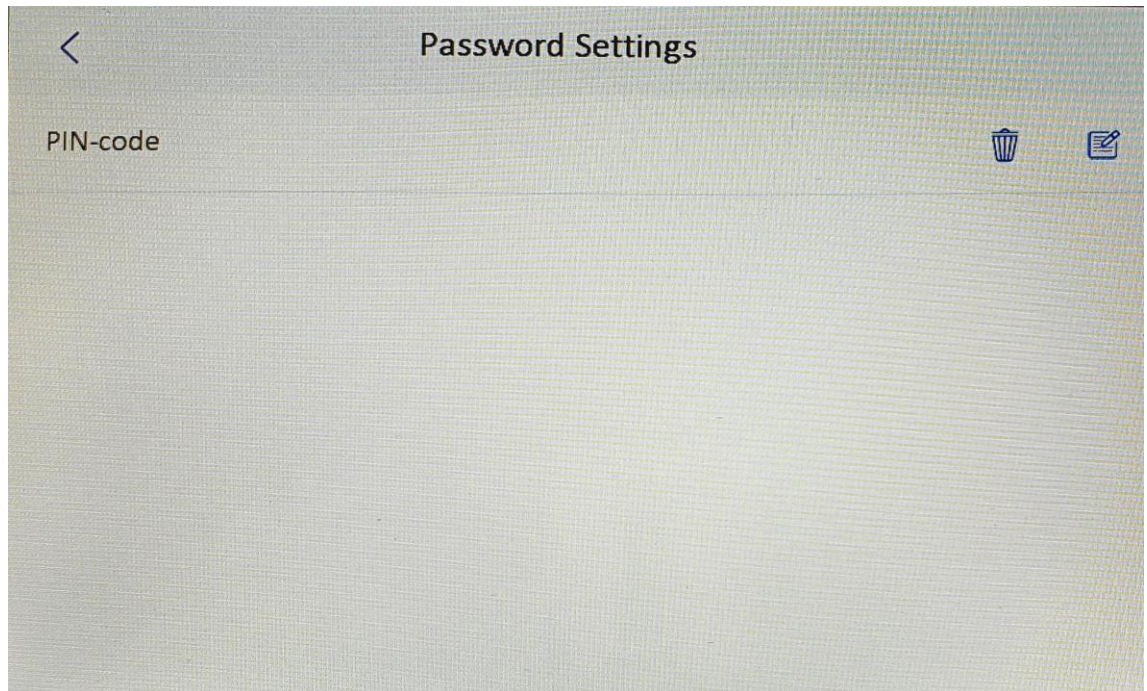Max. 0.5A @ 125 VAC

Further firmware changes:

- Pin code module TVHS20030 works in combination with security module TVHS10040
- The TVHS10040 security module is recognized automatically, no setup via ABUS CMS necessary
- New PIN code entry rule for PIN code assignment directly on the monitor.

  The process must be started with # on the TVHS20030 keypad. This is followed by the apartment number of the monitor. Immediately afterwards the 6-digit PIN and a confirmation again with #.
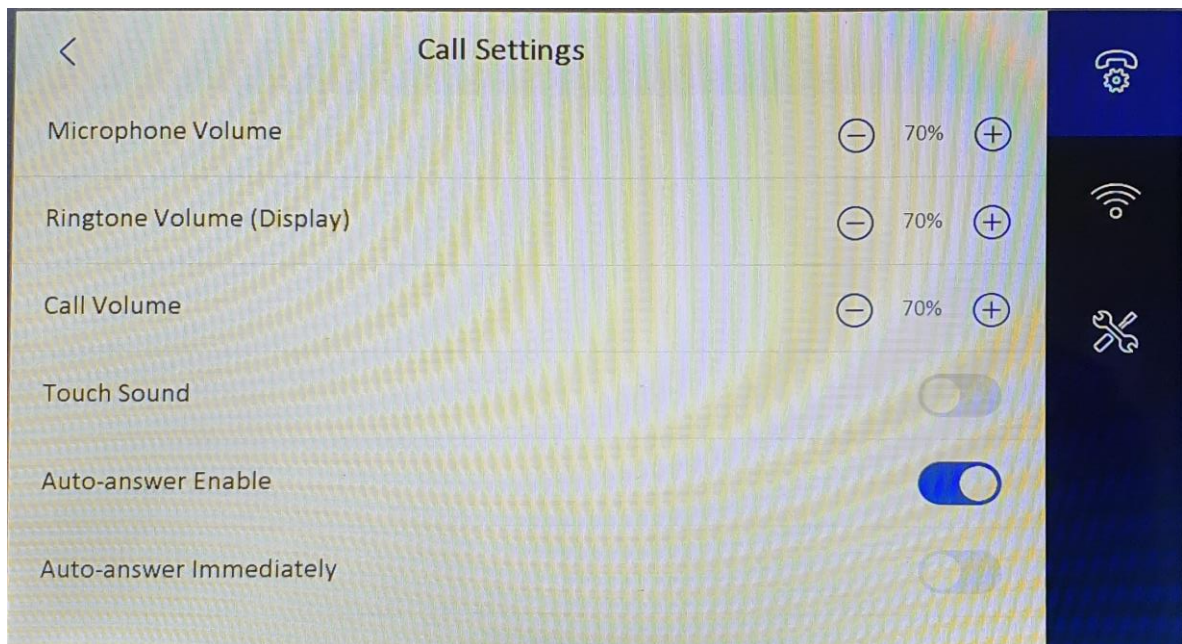
\# [Apartment number] [PIN] \# Example: Apartment 1, Pin 234234: \# 1234234 \#

Note: PIN codes that are set via ABUS CMS (remote configuration) still have 6 digits, as these are general and non-residential codes.
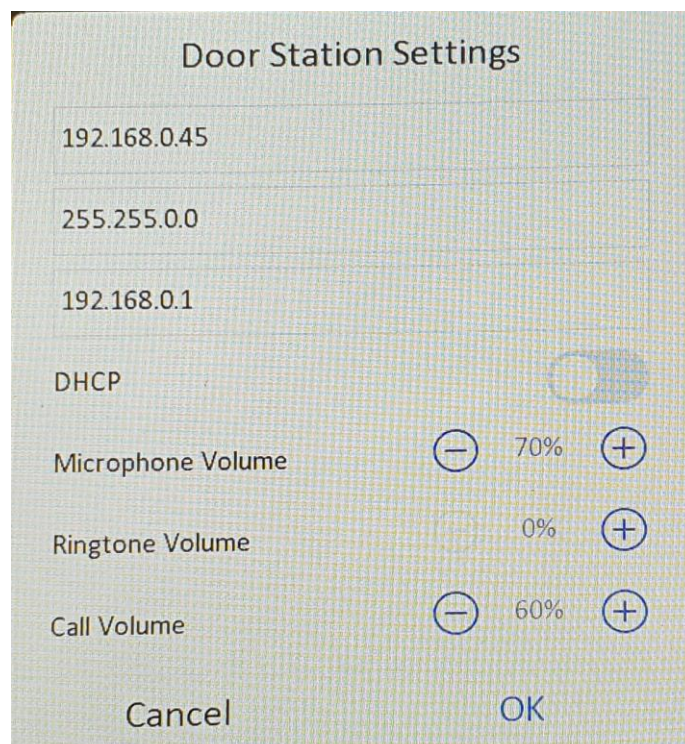
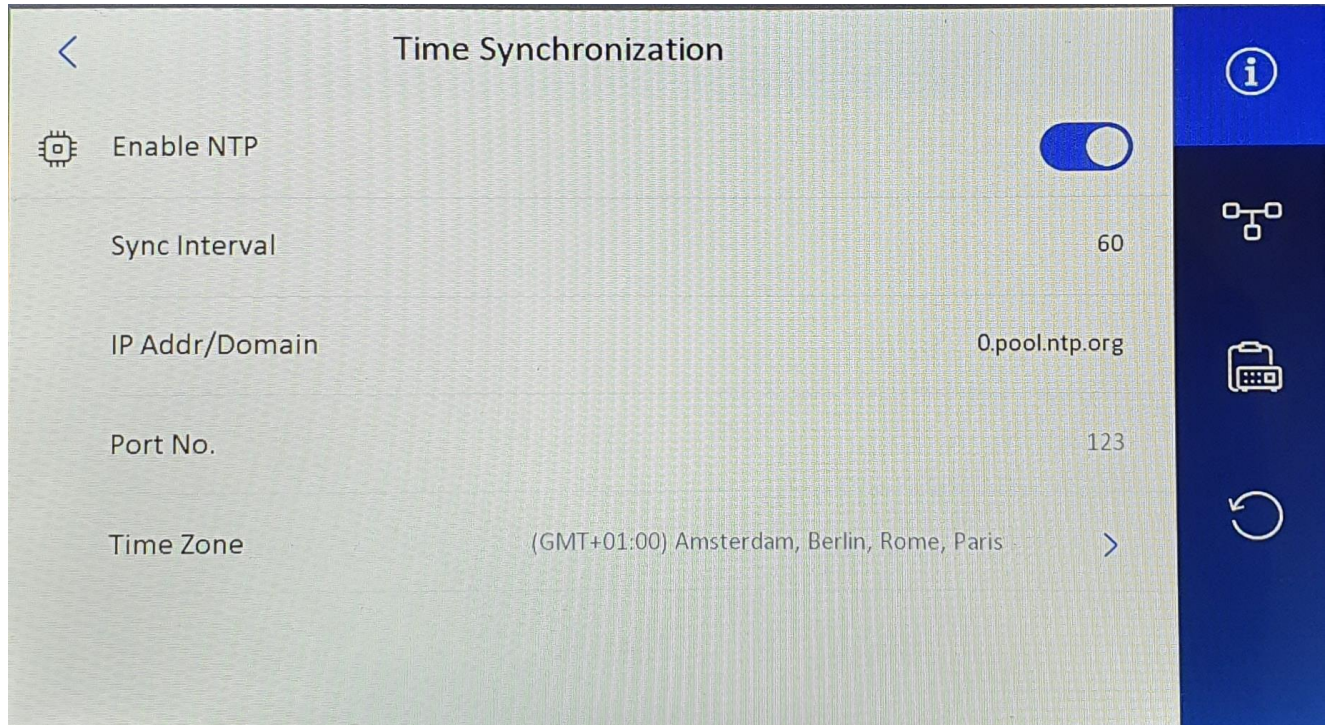- PIN code "can be deleted / edited on the monitor and CMS.

- Answering machine can be completely deactivated

- Integration of volume settings of the door station directly via the monitor (volume loudspeaker, microphone, signal tones and voice announcements volume can be changed directly for the door station from the monitor.

- Corrected NTP time server address (the initial firmware incorrectly contains ntp.org. Correct: 0.pool.ntp.org. If the system time is incorrect, problems arise with the PUSH notification in combination with the ABUS Link Station app!

- "WDR" for video image in the camera module is factory set to "On"

- Dutch language added