

FA01482-EN



**XVP S**

**XVP F**

## General precautions for installers

Read the instructions carefully before starting installation and performing any procedures as explained by the manufacturer. • Installation, programming, commissioning and maintenance must only be carried out by qualified, expert staff and in full compliance with the applicable law. • Before carrying out any cleaning or maintenance, or replacing any parts, disconnect the device from the power supply. • Only use this product for its intended purpose. Any other use is hazardous. • The manufacturer cannot be held liable for any damage caused by improper, unreasonable or erroneous use. • This product complies with current applicable reference standards.

## General precautions for controlling the device remotely

Some features of the system may be managed from a smartphone/tablet using the corresponding apps. • For the system to be remotely controlled, the device must be connected to a network with internet access. • For this type of system to operate properly, the connection bandwidth must be sufficiently high.

 Remotely controlling the device via the app means consuming your smartphone/tablet/home network's data traffic. The cost of this consumption is borne by the user.

## Dismantling and disposal

Dispose of the packaging and the device responsibly at the end of its life cycle, in compliance with the laws in force in the country where the product is used. The recyclable components are marked with a symbol and the material ID marker.

THE DATA AND INFORMATION IN THIS MANUAL MAY BE CHANGED AT ANY TIME AND WITHOUT NOTICE.

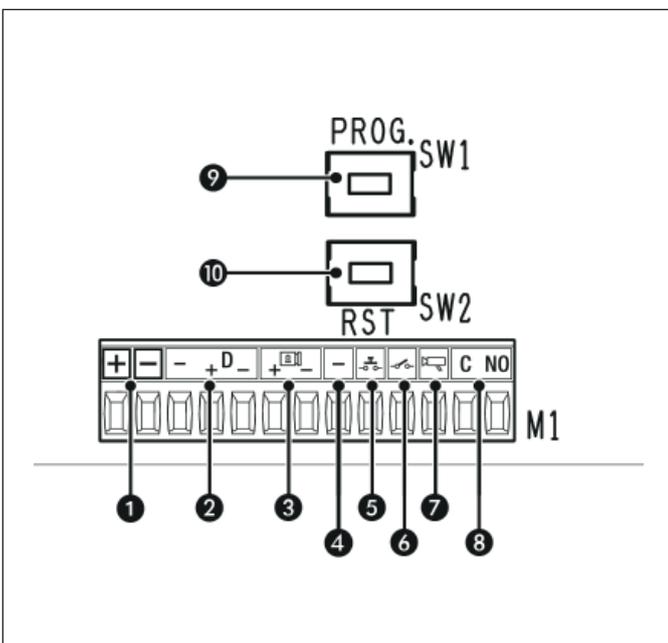
THE MEASUREMENTS, UNLESS OTHERWISE STATED, ARE IN MILLIMETRES.

## DESCRIPTION

XVP S: Wall-mounted video-entry panel with touch screen for IP360 system.

XVP F: Recessed video-entry panel with touch screen for IP360 system.

## Function of terminals



- 1 Local power supply input 12-24 V DC
- 2 CAN BUS data line
- 3 Solenoid lock 12 V - 1 A max
- 4 Earth
- 5 Door release button (NO) \*
- 6 Door open contact input (NC) \*
- 7 Entry panel enabling output Active to earth \*
- 8 Auxiliary contact max. 1 A 30 V (AUX 2)

\*  The contact can be programmed to perform different functions: if pressed and held for a few seconds, the Settings section is activated on the display.

- 9 Programming button.
- 10 RESET button Press and hold to restart the device. This operation DOES NOT delete any programming

## Error alerts

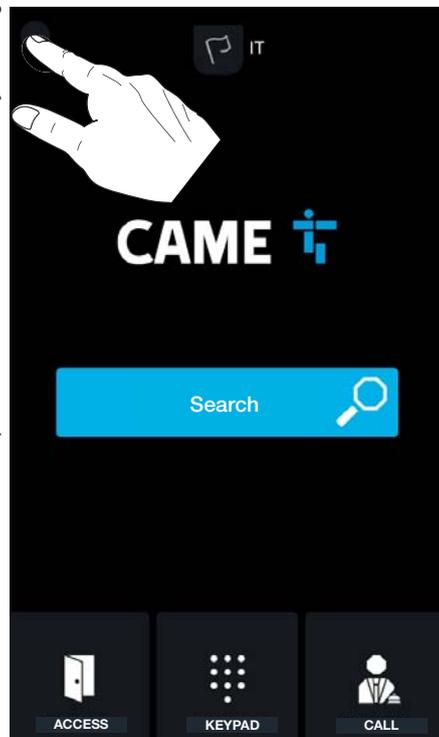
⚠ When shown on the display, this indicates that there is a programming error.  
The possible causes are listed below:

<b>High temperature</b>	Non-compliant installation; Heat sources near the device; Direct sunlight; Hardware failure
<b>Ethernet connection</b>	Defective or incorrectly connected CAT5 cable; Incorrect DATA connection; Defective switch; Faulty ethernet port
<b>Error in the configuration data</b>	Incorrect configuration; Partial or incomplete programming
<b>Audio or video service not available</b>	Server not reachable or switched off; Incorrect SIP account
<b>SIP registration failed</b>	

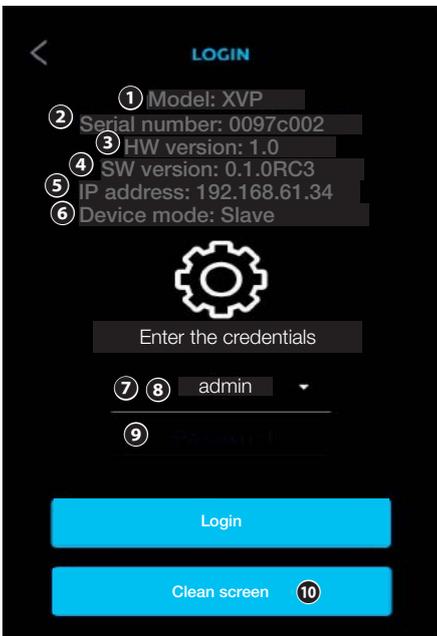
## CONFIGURATION AND COMMISSIONING FROM THE DISPLAY

📖 Once the device has been installed, the functions for the device to operate correctly need to be programmed.

### Entering programming mode



Press the top-left corner of the display for a few seconds to activate the Settings section.

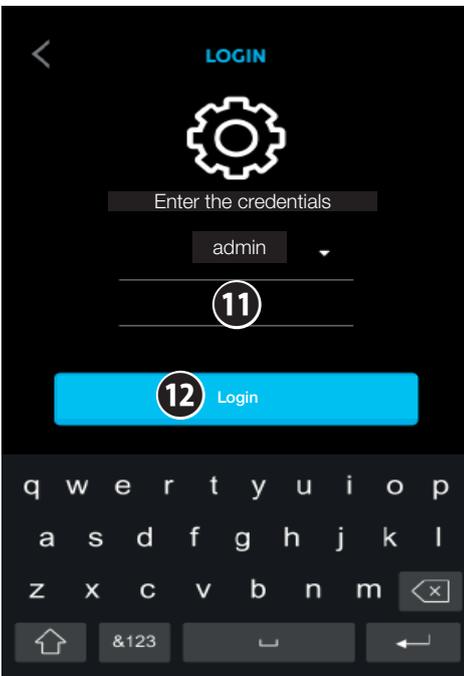


A page with some system information is displayed.

- 1 Device model.
- 2 This is the unique device ID. Use for PCS/XIP tool programming.
- 3 Device hardware version.
- 4 Software installed on the device.
- 5 Device network address (where applicable)

If there is no IP address, the configuration is in DHCP mode and the device has not obtained a valid address from the network.

- 6 Master or Slave operating mode
- 7 To access all system settings, select ADMIN.
- 8 To access a limited part of the system settings, select USER.
- 9 Enter the password.



10 Lock screen sensitivity for 20 seconds for cleaning. Log in not required.

11 Enter the password for the chosen account.

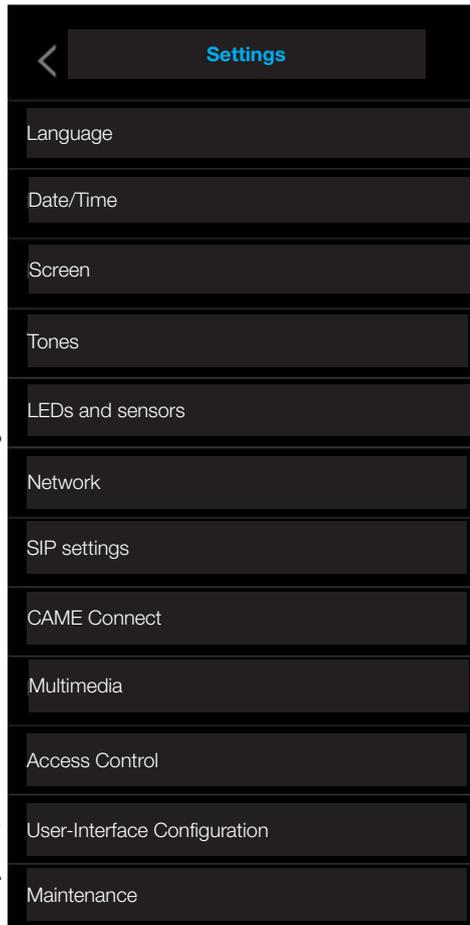
Default installer password (ADMIN): 112233

Default user password (USER): 123456

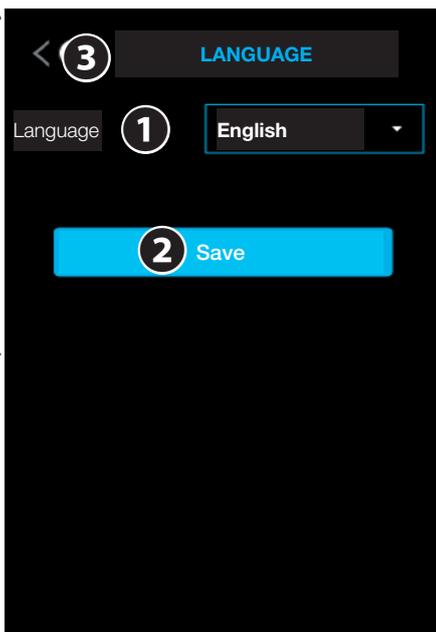
12 Tap [LOGIN] to open the SETTINGS menu.

## Settings

 Some of these sections require specific knowledge of how to operate the video-entry system. Incorrect configuration may cause full or partial malfunctions. For this reason, some parameters can only be modified from the installer profile.

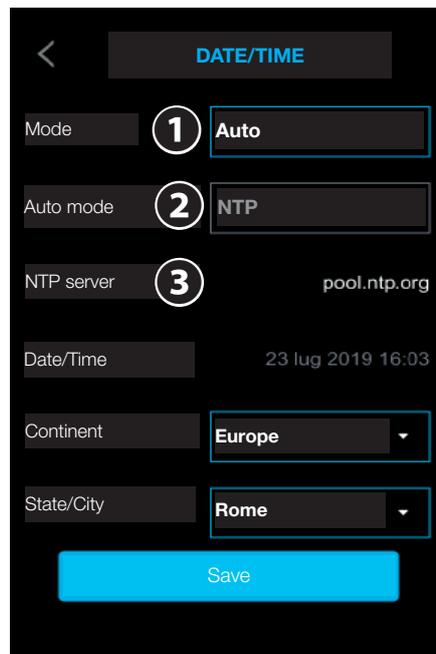
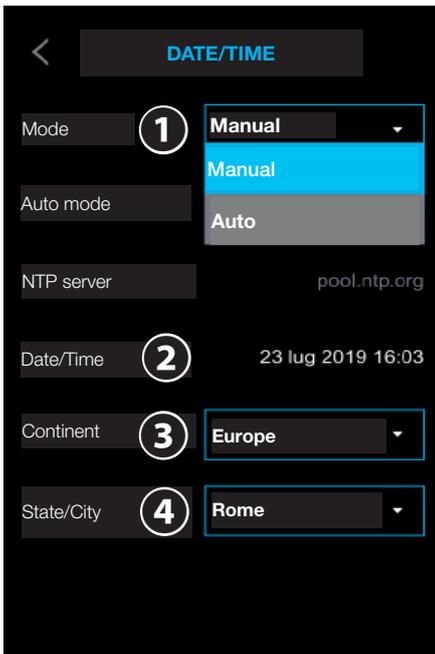


### Choosing the interface language



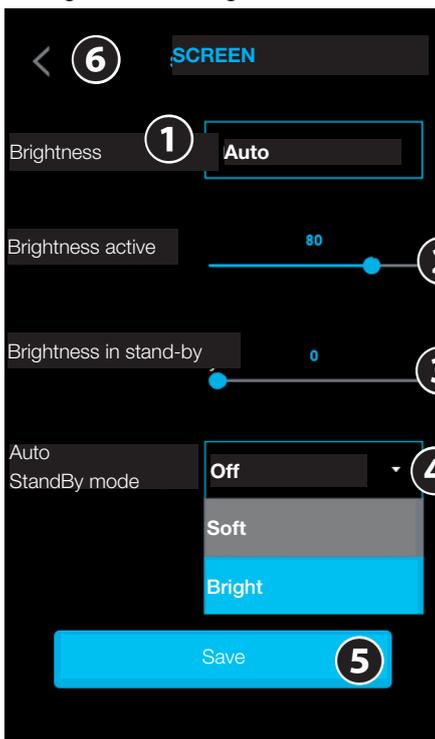
- 1 Choose the interface language.
- 2 Save the configuration.
- 3 Go back to the previous page.

## Date and time setting



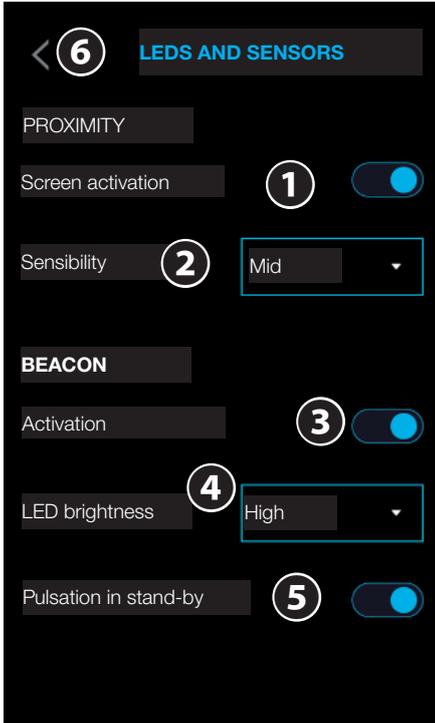
- 1 Choose between manual and auto mode.
- 2 In automatic mode, choose whether to synchronise to your XIP system master or an external service (NTP).  
 If you select NTP, the network that the device is connected to must have internet access.
- 3 Address of the server the device uses to synchronise the date and time.  
 The server can be the system master or an external server. In NTP mode, the external server address can be set from the web configuration page.
- 4 Set the date and time manually.
- 5 Select the continent and state/city where the system is installed from the dropdown lists. This ensures the time zone and daylight saving time are set correctly.
- 6 Save the configuration.
- 7 Go back to the previous page.

## Setting the screen brightness



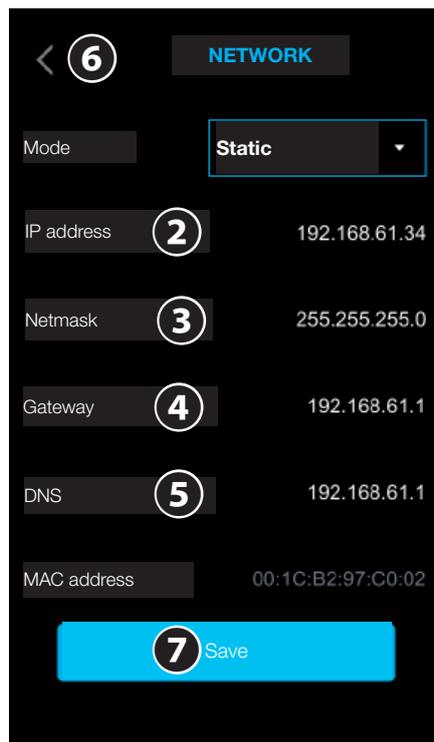
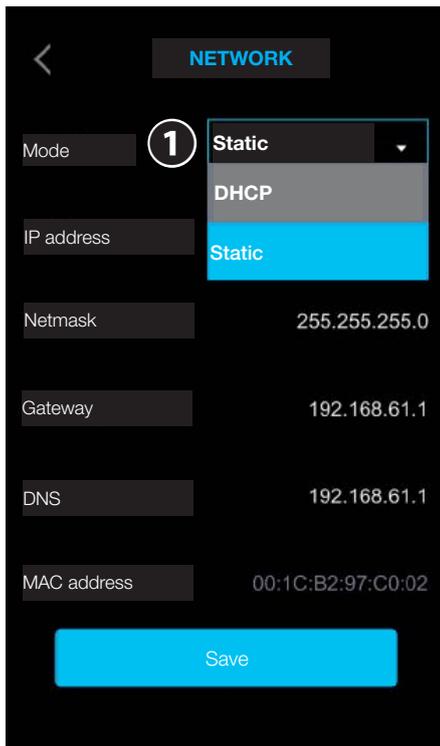
- 1 Choose between manual or automatic brightness.  
 In automatic mode, the display brightness is automatically adjusted according to the lighting conditions.
- 2 Adjust the screen brightness during use, if automatic brightness is not activated.
- 3 Adjust the screensaver brightness when the screen is in standby mode.
- 4 Adjust the brightness in stand-by mode when **the Brightness is set to "Auto"**:  
**OFF** - the display is off in stand-by mode;  
**Soft** - brightness is set according to the lighting conditions, but always below the active brightness level, in stand-by mode;  
**Bright** - the brightness level is kept at the current setting in stand-by mode.
- 5 Save the configuration.
- 6 Go back to the previous page.  
 Regardless of the selected mode, in high temperature conditions, the display brightness can be reduced to protect the device.

## LED and sensor enabling



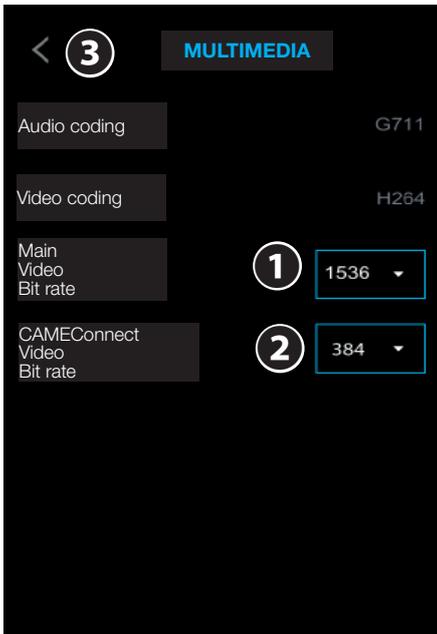
- 1 Enable the screen activation in proximity to the device.  
If the function is not enabled, the screen can only be activated by touch.
- 2 Set the sensitivity of the proximity sensor: low (short distances), medium or high (maximum distance).  
The proximity sensor distances may vary slightly depending on the person and the direct lighting conditions of the device.
- 3 Activate or deactivate the video camera LEDs. If the LEDs are active, the LED Brightness and Pulsation in stand-by configuration is applied.
- 4 If the LEDs are active, set the intensity of the LED crown on the video camera during a call.
- 5 Activate the pulsating effect of the LED crown on the video camera when the device is in standby mode.
- 6 Go back to the previous page.

## Network settings



- 1 Choose the type of addressing.  
**DHCP**  
The device's IP address is assigned by the DHCP server.  
If the device is configured as the master (serverless system), make sure that the DHCP server always assigns the same IP address to the device.  
**STATIC**  
 The device's IP address is assigned manually.
- 2 Enter the device's IP address.  
 The device IP address must belong to the same subnet as the router and the other connected devices.
- 3 Specify the correct netmask, where different from the default setting.
- 4 Specify the default gateway for your network.
- 5 Enter a valid DNS address for CAMEConnect connection.
- 6 Go back to the previous page.
- 7 Save the configuration.

## Multimedia configuration



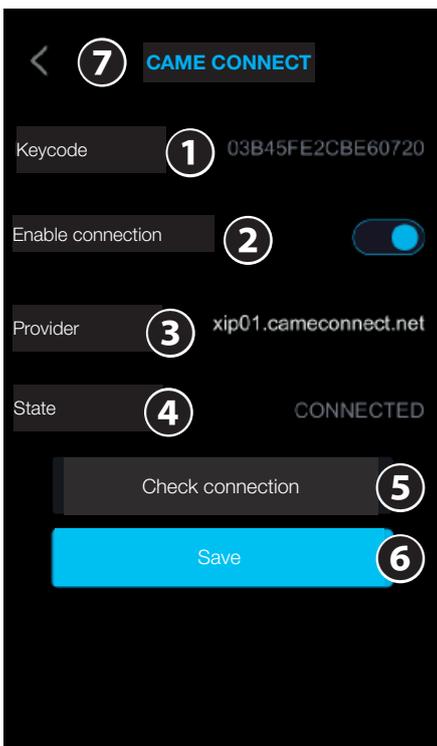
This window is used to configure the maximum BIT RATE and the video STREAM resolution that the device can process, choosing from the available values.

The greater the BIT RATE and RESOLUTION values, the better the video quality, but also the more UPLINK data bandwidth is occupied.

❶ Communicate with local system devices. This profile is also used as the MAIN profile for the RTSP video stream.

❷ Communicate with remote devices connected to CAMEConnect. This profile is also used as a LOW profile for the RTSP video stream.

The BIT RATE and RESOLUTION of the CAMECONNECT profile must be chosen according to the available UPLINK band.



❸ Go back to the previous page.

### Configuring CAME Connect (MASTER device only)

❶ Device keycode.

❷ Enable video-entry call VoIP remote control.

Connection to CAME Connect is disabled by default.

The CAME Connect connection must be active to receive calls over the app.

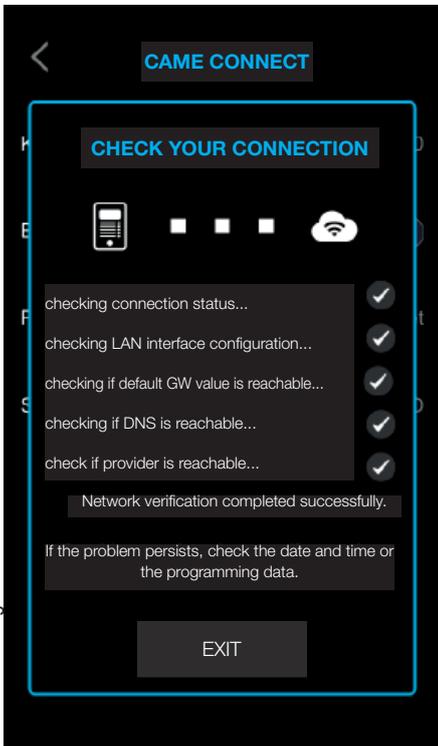
❸ URL for the remote calling service (default: xip01.cameconnect.net)

❹ Connection status.

❺ Press this to run a connectivity check. See next image.

❻ Save the configuration.

❼ Go back to the previous page.



This screen explains how to check the network connection.

Checking the connection status...

Checking the LAN interface configuration...

Checking if the default GW is reachable...

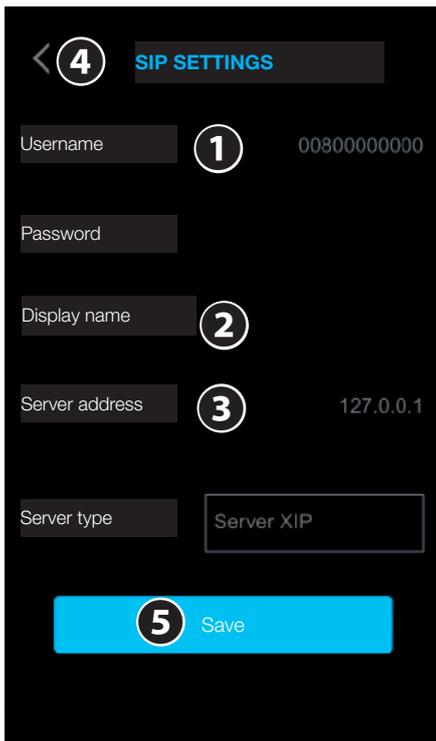
Checking if the DNS is reachable...

Checking if the provider is reachable...

Connectivity check performed successfully.

If the problem persists, check the date and time or the programming data.

## SIP settings (SLAVE device only)



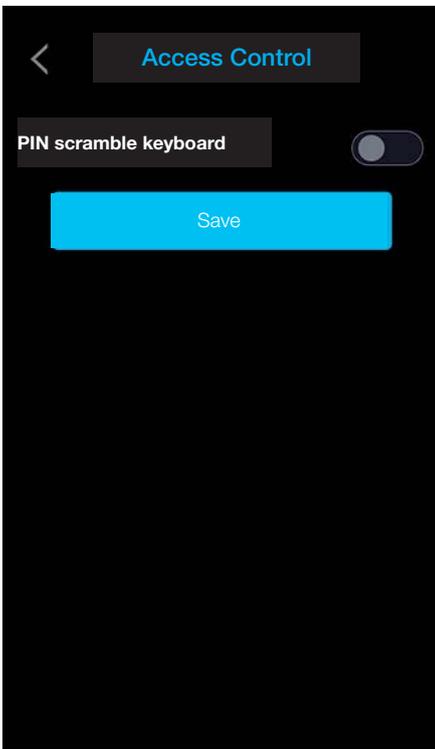
1 SIP username assigned to device by PCS/XIP.

2 Name assigned to the device by PCS/XIP.

3 Server IP address assigned to the device by PCS/XIP.

4 Go back to the previous page.

5 Save the configuration.

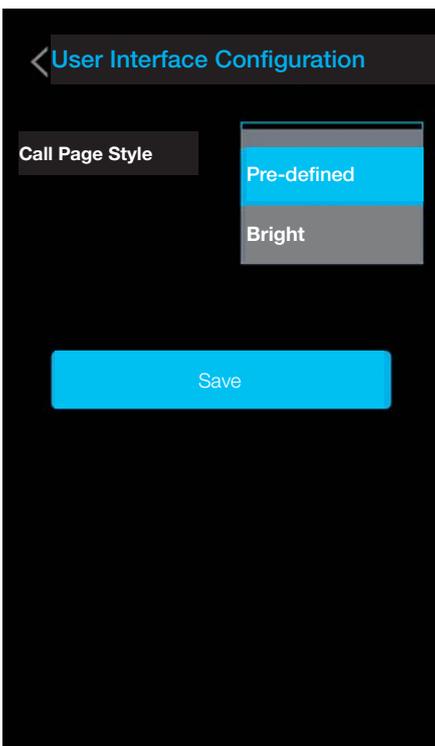


## Access control

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PIN scramble keyboard: if enabled, every time the numerical keypad is called up for access control, the keys appear in a random order.

**Save:** Save the configuration.



## User interface configuration

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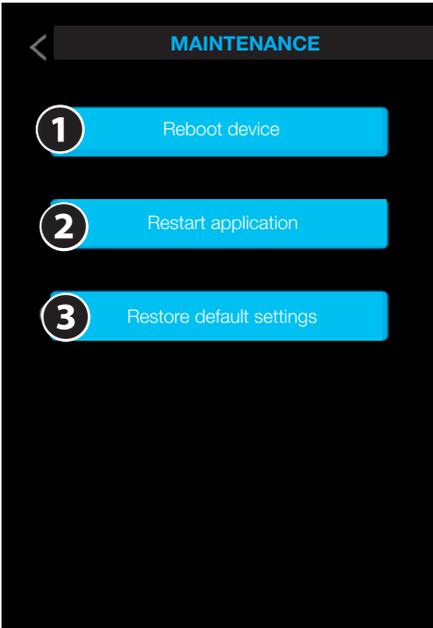
**Call page style:** select the style of the call page.

**Pre-defined:** the call page has the same style as all of the other interface screens with a black background.

**Bright:** the call page has a white background so that the person in front of the entry panel appears brighter.

**Save:** Save the configuration.

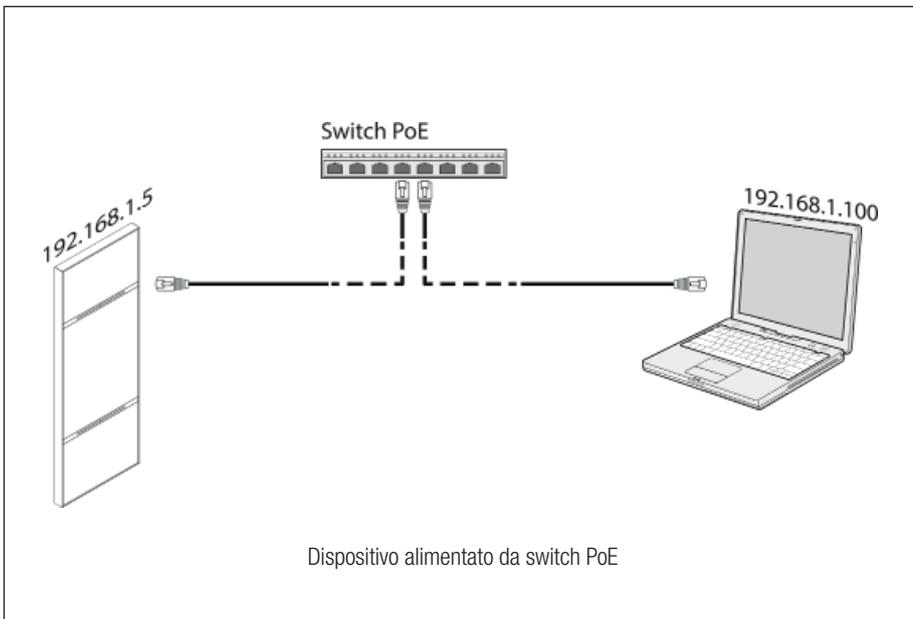
## Device maintenance



- 1 Tap to restart the device.
- 2 Tap to restart the graphic user interface and the video-entry call functions.
- 3 Tap to restore all local settings to the default factory settings.

## CONFIGURATION AND COMMISSIONING VIA THE WEB INTERFACE

Once the device has been installed, the functions for the device to operate correctly need to be programmed.



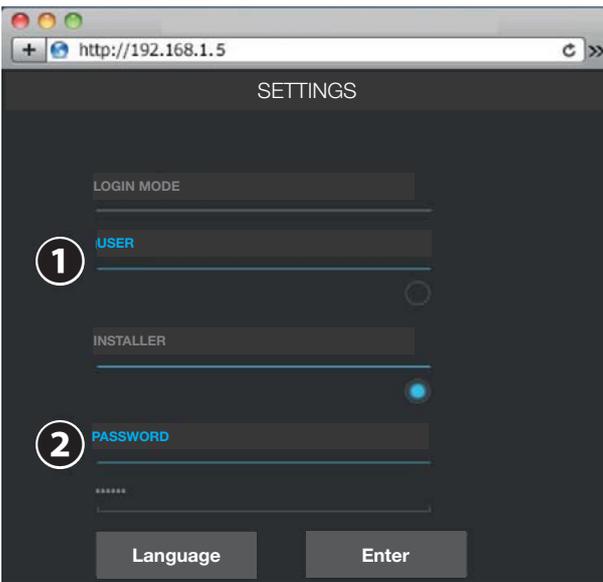
Assign an address belonging to the same subnet as the device to your PC (tablet, smartphone).

The default IP address is 192.168.1.5 with netmask 255.255.255.0.

## Entering programming mode

Some of these sections require specific knowledge of how to operate the video-entry system. Incorrect configuration may cause full or partial malfunctions. For this reason, some parameters can only be modified from the installer profile (default password 112233).

To access the configuration web page, type the address of the device to be configured into the browser address bar (Chrome, Firefox, Safari).



1 Select USER to access a limited part of the system settings. Enter the user password (default password: 123456).

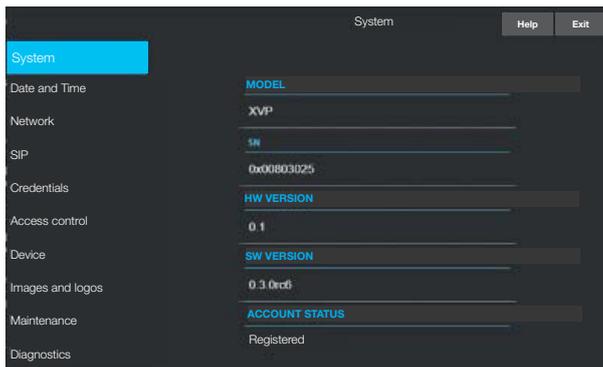
This type of access allows you to update the firmware and consult the following pages.

2 Select INSTALLER to access all system settings. Enter the installer password (default password: 112233).

There is no scroll bar on the right on the configuration web pages.

To scroll through the web pages, press and hold down the left mouse button and drag. On a smartphone or tablet, swipe your finger down the screen.

## System settings

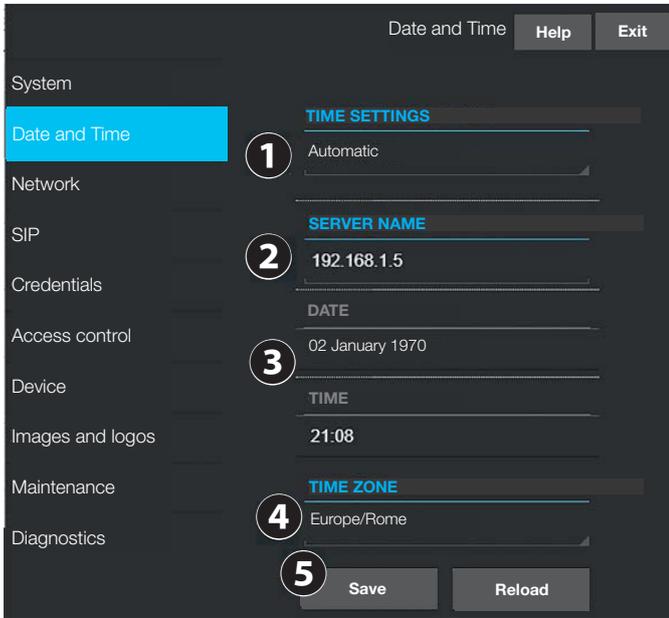


This shows the device characteristics, hardware and software versions, and the SIP account status.

The XVP entry panel can be configured as the MASTER from the PCS/XIP for 'Serverless' systems.

Only one device can be configured as the MASTER.

Tap HELP to go to the configuration manual in PDF format.



1 Choose between manual and auto mode.

In automatic mode, it allows to choose to synchronise to the XIP system master or to an external service (NTP).

By selecting NTP, the network to which the device is connected must be able to access the internet.

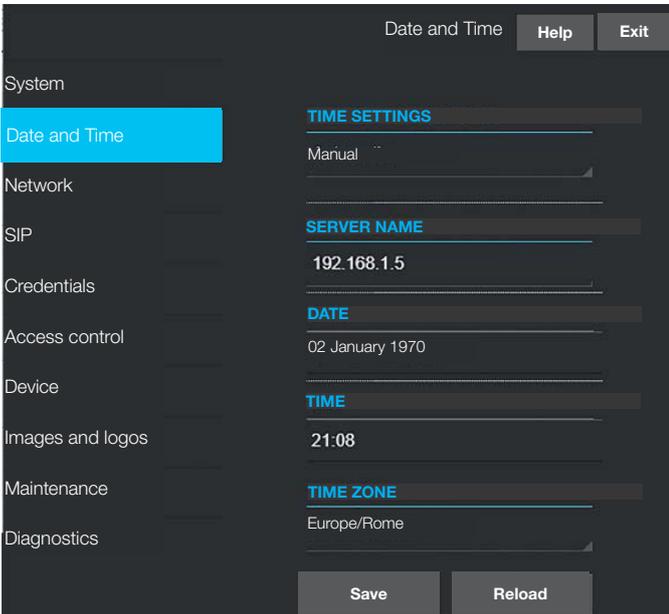
2 Address of the server the device uses to synchronise the date and time. The server can be the system master

or an external server.

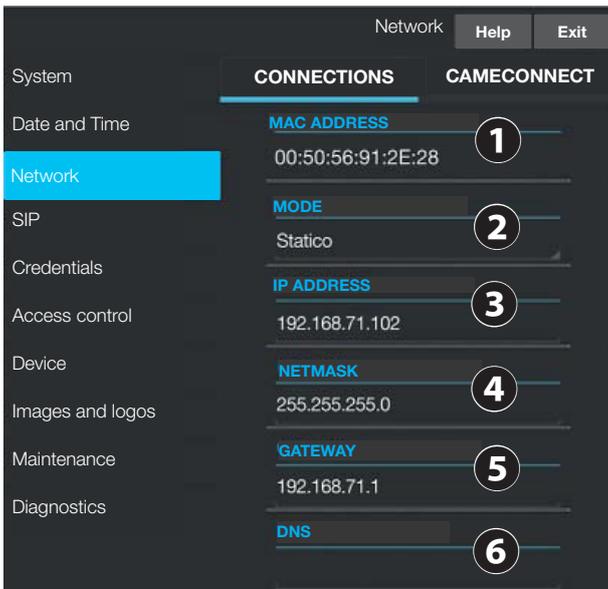
3 Set the date and time manually.

4 Select the continent and state/city where the system is installed from the dropdown lists. This ensures the time zone and daylight saving time are set correctly.

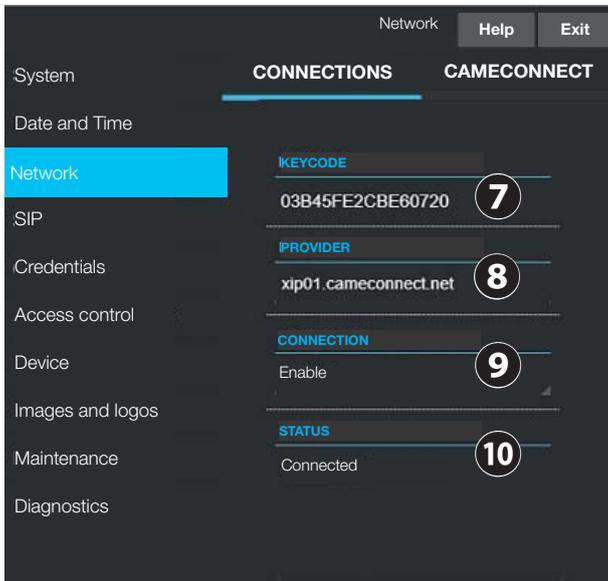
5 Save the configuration.



## Network settings



### Configuring CAMEConnect (MASTER device only)



### CONNECTIONS

- 1 Device MAC ADDRESS, cannot be edited.
- 2 Choose the type of addressing.

#### DHCP

The device's IP address is assigned by the DHCP server.

If the device is configured as the master (serverless system), make sure that the DHCP server always assigns the same IP address to the device.

#### STATIC

The device's IP address is assigned manually.

- 3 Enter the device's IP address.

The device IP address must belong to the same subnet as the router and other connected devices, in the case of a static IP.

- 4 Specify the correct netmask, where different from the default setting.

- 5 Specify the default gateway for your network.

- 6 Enter a valid DNS address for CAMEConnect connection (only for XVP configured as MASTER).

Press SAVE or RELOAD at the bottom of the page to save or reload previous data.

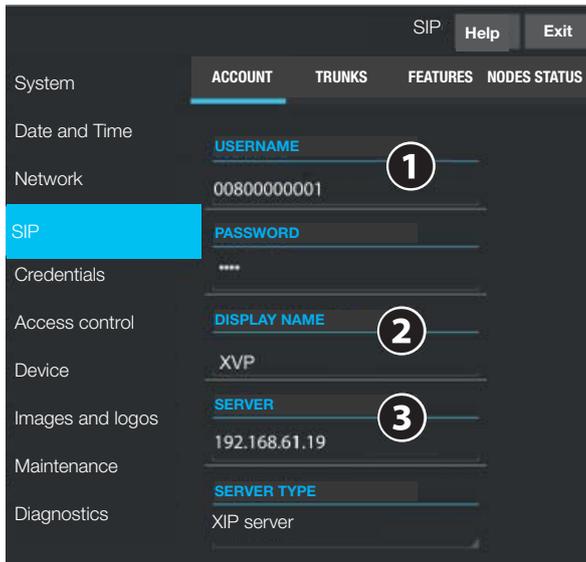
- 7 Device keycode.

- 8 Supplier for the remote calling service (default: xip01.cameconnect.net).

- 9 Enable video-entry call VoIP remote control.

- 10 Connection status.

Press SAVE or RELOAD at the bottom of the page to save or reload previous data.

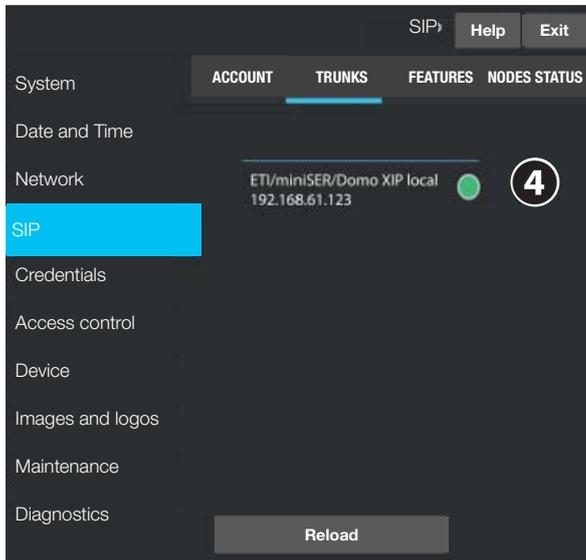


**ACCOUNT**

- ❶ SIP username assigned to device by PCS/XIP.
- ❷ Name assigned to the device by PCS/XIP.
- ❸ Server IP address assigned to the device by PCS/XIP.

📖 Once configuration is complete, the ACCOUNT STATUS on the SYSTEM page will show as REGISTERED.

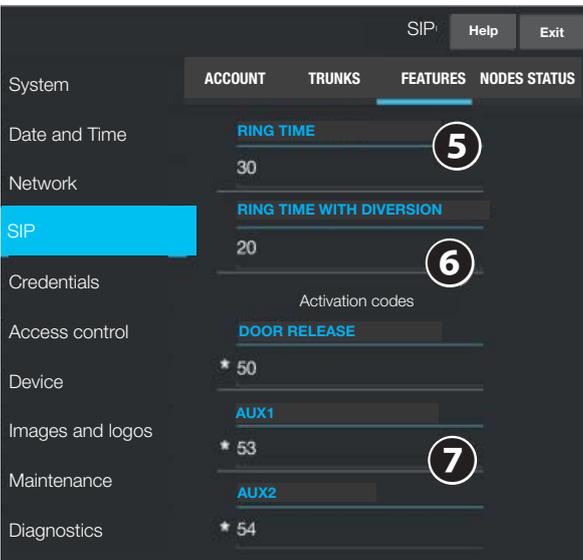
**TRUNKS (MASTER device only)**



List of servers in the system.

- ❹ This indicates whether the device and its sub-system are reachable (green) or not reachable (red).

**FEATURES (MASTER device only)**

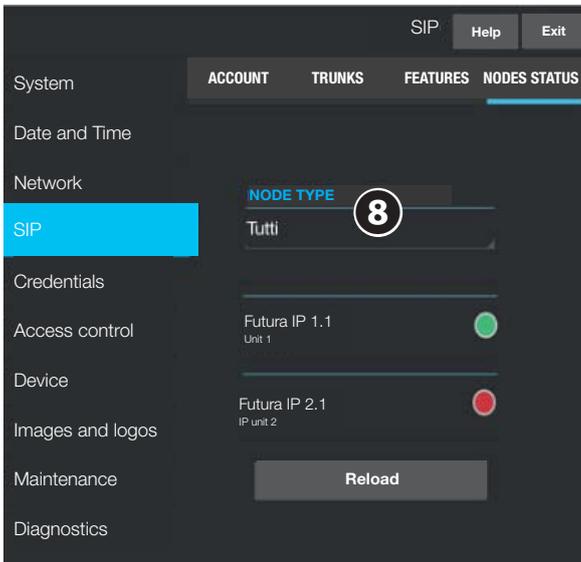


- ❺ Time after which the called user is considered absent. This parameter is used if CAMEConnect is not active or if calls in simultaneous local/ CAMEConnect mode have been programmed.

- ❻ Ring time after which the called user will be considered absent and the diversion will be activated. This parameter applies if CAMEConnect is active and for sequential calls.

- ❼ View and modify the DTMF numeric codes assigned to the Door release, Aux1 and Aux2 commands.

## NODE STATUS (MASTER device only)



List of SIP VoIP devices in the system and their registration status at the MASTER XVP entry panel.

Green icon The device is registered correctly.

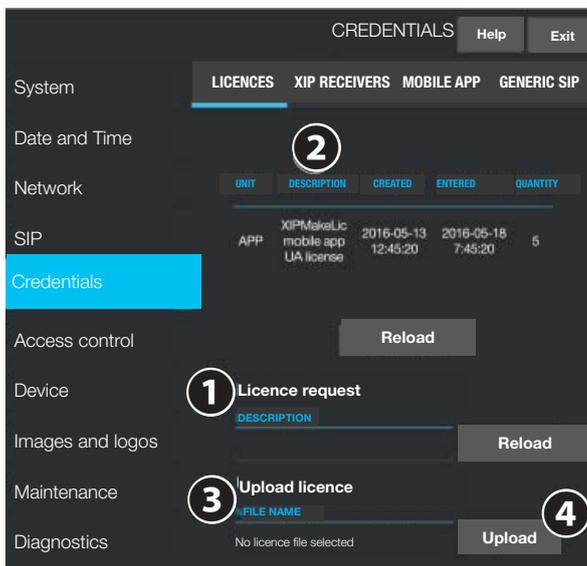
Red icon The device is not registered correctly.

② Filter the list of devices by type.

📖 The status “not registered” (red icon) is normal for apps on iOS devices when there is no call active and for apps connected remotely via CAMEConnect.

## Setting the system credentials

### LICENCES



List of available licences entered (MASTER device only) By default, each XVP MASTER entry panel has 4 licences included, which can be used both as APP licences and as GST.

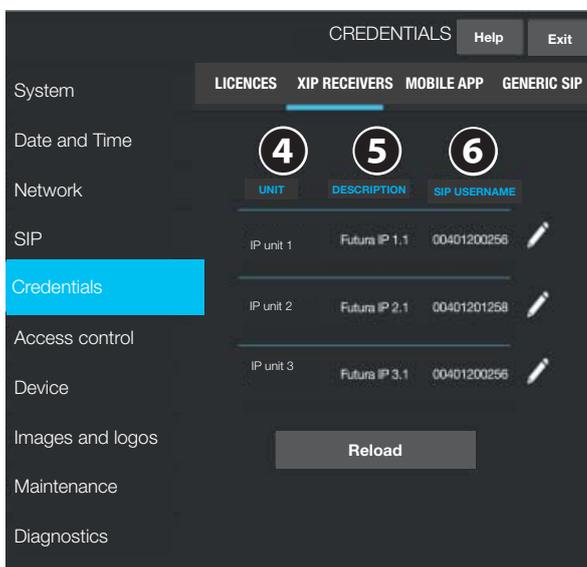
① Select to obtain the device ID data needed to request additional licences.

② Any string entered is added to the device identification file

③ Add the additional requested licences.

④ Press the button and select the file with the licences to be loaded into the device (MASTER device only).

### XIP RECEIVERS (MASTER device only)



List of IP 360 type devices (SIP receivers), which do not require a licence and which use the MASTER XVP entry panel as the registration server.

④ Unit to which the receiver belongs.

⑤ Description of the receiver as configured by PCS/XIP.

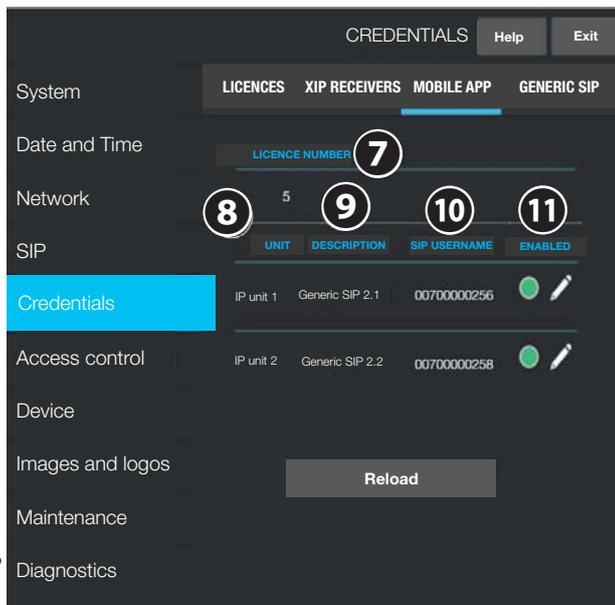
⑥ SIP username assigned to the XIP receiver by PCS/XIP.

📖 The SIP password and username must be configured on the receiver so that it is registered on the XVP entry panel.



Press to change the receiver SIP account password.

## MOBILE APP (MASTER device only)



List of Mobile APP devices, which require a licence and use the MASTER XVP entry panel as the MASTER IP server as the registration server.

- ⑦ Number of licences still available.
- ⑧ Unit to which the mobile device belongs.
- ⑨ Description of the device as configured by PCS/XIP.
- ⑩ SIP username assigned in the app.

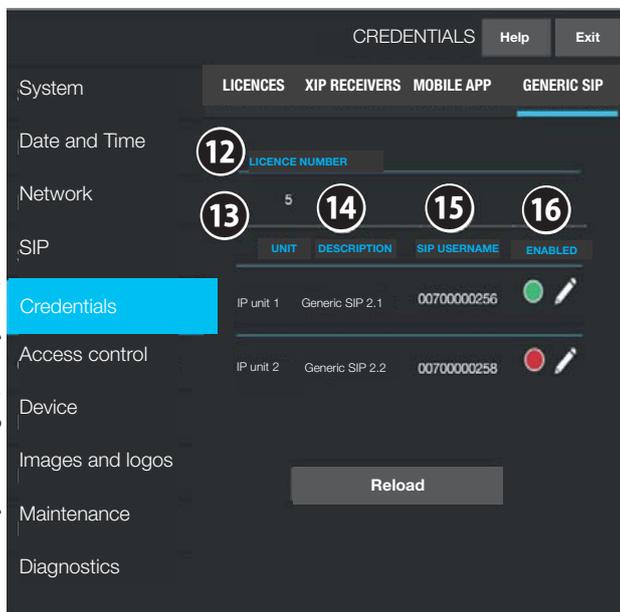
📖 The SIP password and username must be configured in the app so that it is registered on the XVP entry panel.

- ⑪ Green icon The account is enabled for registration on the XVP entry panel.
- Red icon The account is not enabled for registration.

✎ Press to enable or disable the account and to change the password.

📖 Each enabled account requires an app licence, which is subtracted from the total number of available licences.

## GENERIC SIP (MASTER device only)



List of generic SIP devices that use the MASTER XVP entry panel as the registration server.

- ⑫ Number of licences still available.
- ⑬ Unit to which the generic SIP device belongs.
- ⑭ Description of the device as configured by PCS/XIP.
- ⑮ SIP username assigned to device by PCS/XIP.

📖 The SIP username and password must be configured on the SIP device so that it is registered on the XVP entry panel.

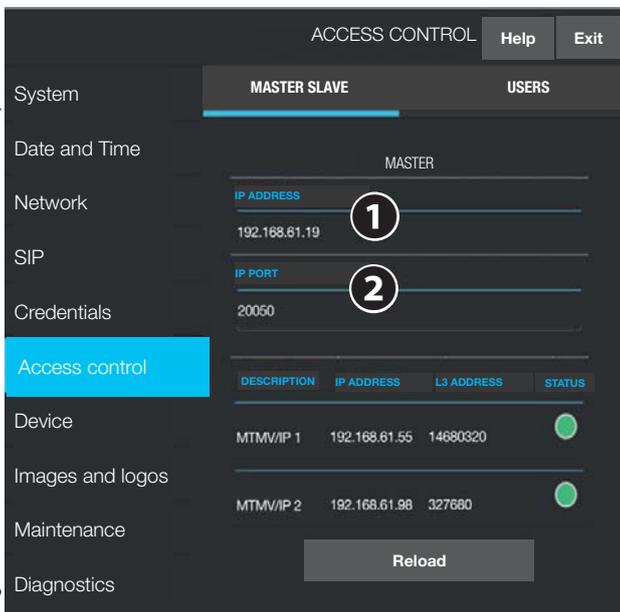
- ⑯ Green icon The account is enabled for registration on the XVP entry panel.
- Red icon The account is not enabled for registration.

✎ Press to enable or disable the account and to change the password.

📖 Each enabled account requires a GST licence, which is subtracted from the total number of available licences.

## Setting access controls

### MASTER/SLAVE



- ① MASTER device address.

📖 For the MASTER entry panel, it is the address of the device itself.

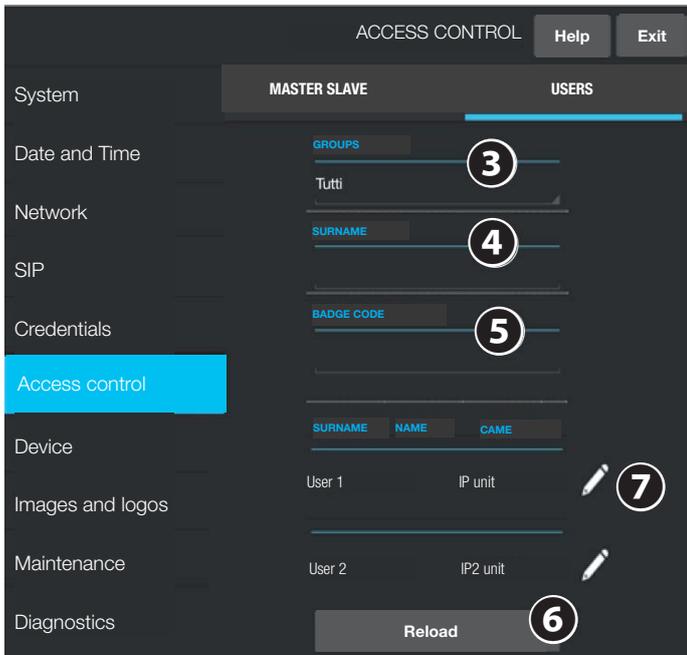
- ② MASTER device port (default 20050).

📖 For MASTER XVP entry panels only, there is a list of SLAVE devices.

Green icon The SLAVE device is connected to the MASTER device.

Red icon The SLAVE device is not connected to the MASTER device.

## USERS



The access control users are listed.

③ Select a group of users to be displayed.

④ Search for a user by surname. Press the button to start the search ⑥.

⑤ Search for a user by badge code. Press the button to start the search ⑥.

The search results appear at the bottom of the page.

📖 From the MASTER device Press on a user ⑦ to change the status, badge code or numerical access code.

📖 Authorisations for pathways and access points are defined by PCS/XIP.

## Device settings

### AUDIO



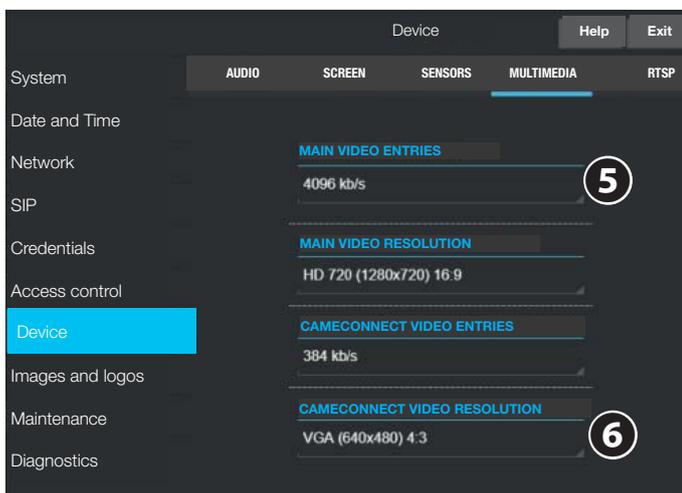
① Adjust the speaker volume.

⚠️ Only change where necessary, for example in specific environmental conditions.

② Adjust the microphone amplification.

⚠️ Only change where necessary, for example in specific environmental conditions.

### MULTIMEDIA



This window is used to configure the maximum BIT RATE and the video STREAM resolution that the device can process, choosing from the available values.

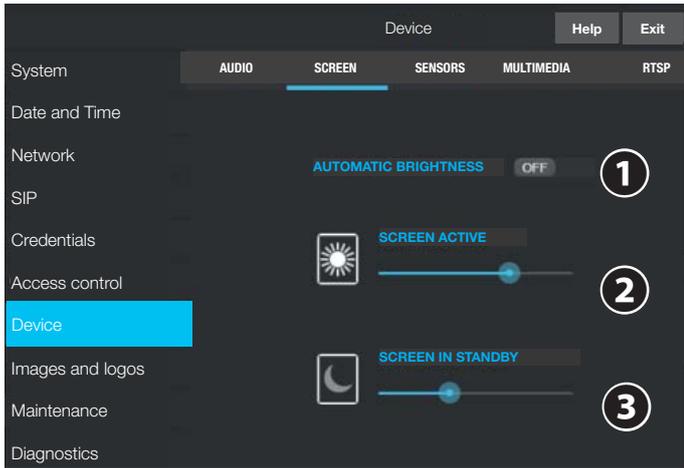
📖 The greater the BIT RATE and RESOLUTION values, the better the video quality, but also the more UPLINK data bandwidth is occupied.

⑤ Communicate with local system devices. This profile is also used as the MAIN profile for the RTSP video stream.

⑥ For communications sent to XIPMobile devices connected remotely via CAMEConnect. This profile is also used as a SECONDARY profile for the RTSP video stream.

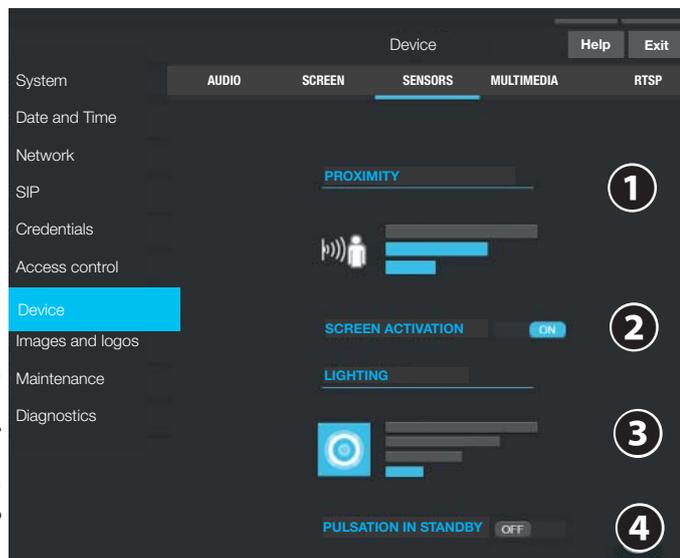
📖 The BIT RATE and RESOLUTION of the CAMEConnect profile must be chosen according to the available UPLINK band.

## SCREEN



- 1 Adjust the screen brightness according to the lighting conditions.
- 2 Adjust the screen brightness during use, if automatic brightness is not activated.
- 3 Adjust the screensaver brightness when the screen is in standby mode.

## SENSORS



- 1 Adjust the sensitivity of the proximity sensor: low (short distances), medium or high (maximum distance).
- 2 Enable or disable screen activation in proximity to the device. If the function is not enabled, the screen can only be activated by touch.
- 3 Set the intensity of the LED crown on the video camera during a call.
- 4 Activate the pulsating effect of the LED crown on the video camera when the device is in standby mode.

The proximity sensor distances may vary slightly depending on the person and the direct lighting conditions of the device.

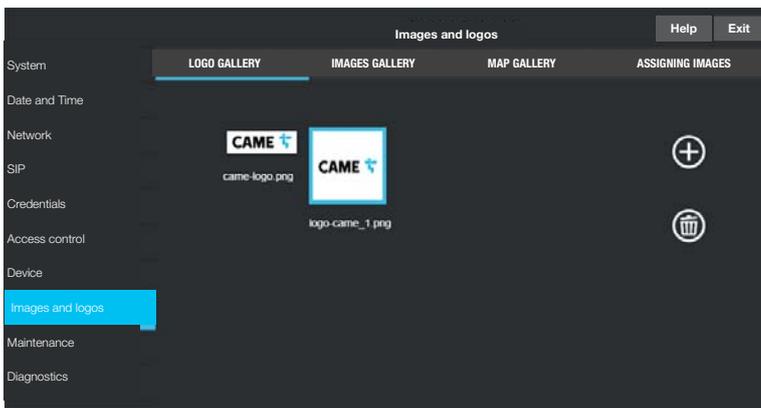
## RTSP



The RTSP protocol enables the video stream from the entry panel to be displayed on an RTSP client.

- 1 This is the URL to use in the RTPS client to view the MAIN video stream from the XVP device. The BIT RATE and resolution parameters for this video stream are those from the MULTIMEDIA section of the MAIN profile. The default USERNAME is "ipcamera". Under the parameter [password], enter the password set.
- 2 This is the URL to use in the RTPS client to view the SECONDARY video stream from the XVP device. The BIT RATE and resolution parameters for this video stream are those from the MULTIMEDIA section of the SECONDARY profile. The default USERNAME is "ipcamera". Under the parameter [password], enter the password set.
- 3 If enabled, this allows anonymous access to the video stream from the RTSP clients, i.e. using the URLs indicated above without the username and password.
- 4 and 5 To change the password for the RTSP stream, enter the new password in these fields. The default password is "ipcamera".

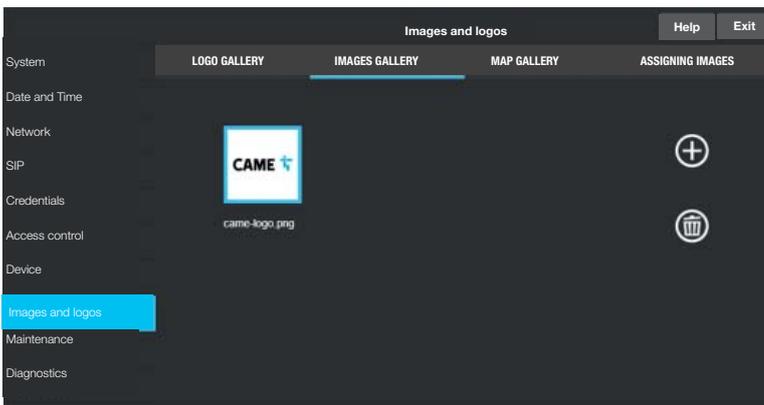
## LOGO GALLERY section



The gallery of logos stored on the device is shown. Click on the (+) to add a new image to the gallery. Click on one or more images to select them. Remove them using the bin icon. Confirm to delete.

 There is limited space available for all images. If this limit is exceeded, you will not be able to load any more images.

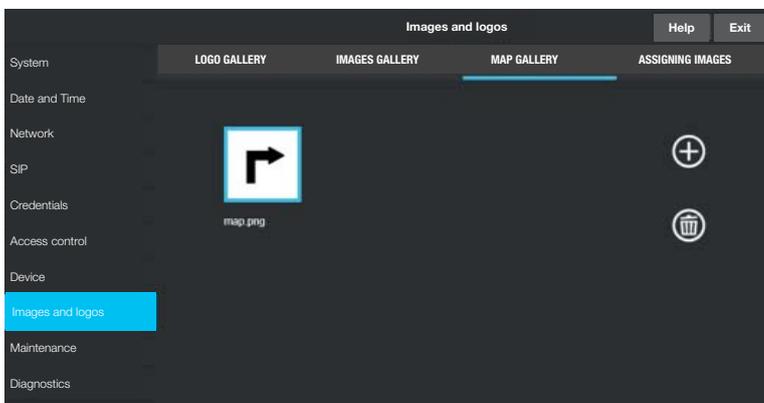
## IMAGE GALLERY section



The gallery of images stored on the device is shown. Click on the (+) to add a new image to the gallery. Click on one or more images to select them. Remove them using the bin icon. Confirm to delete.

 There is limited space available for all images. If this limit is exceeded, you will not be able to load any more images.

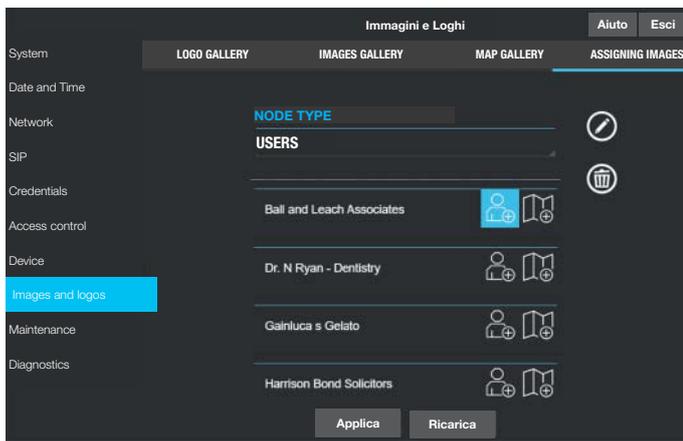
## MAP GALLERY section



The gallery of maps stored on the device is shown. Click on the (+) to add a new image to the gallery. Click on one or more images to select them. Remove them using the bin icon. Confirm to delete.

 There is limited space available for all images. If this limit is exceeded, you will not be able to load any more images.

## ASSIGNING IMAGES



You can select the TYPE of images to be assigned from APPEARANCE, GROUPS or USERS.

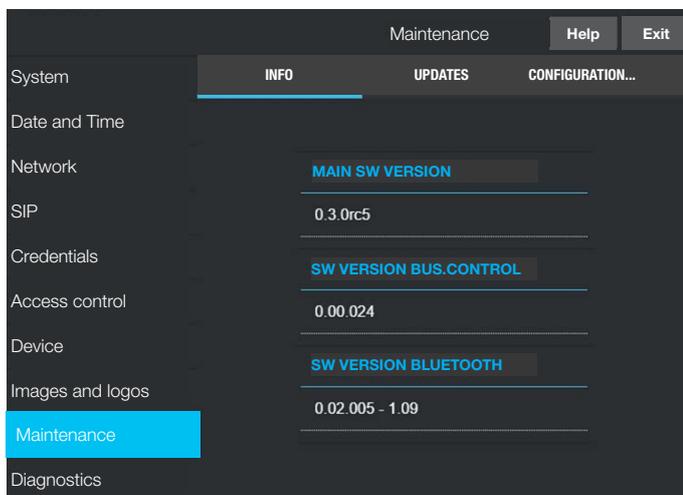
If APPEARANCE is selected, you can choose the image you want to use as the logo and screensaver from those available in the logo gallery. Select the icon next to the element you want to configure, followed by the pencil icon to edit the image or the bin icon to remove it and restore the pre-defined image.

In the same way, if GROUPS is selected, and if the device has been programmed for displaying groups, you can choose an image to assign to each group of users. The image will be shown in the groups list.

If USERS is selected, again you can assign an image to the user, as well as a map. The image will be shown in the list of users when searching for a user and during a call. The map will be shown when the door is opened from the internal receiver that was called.

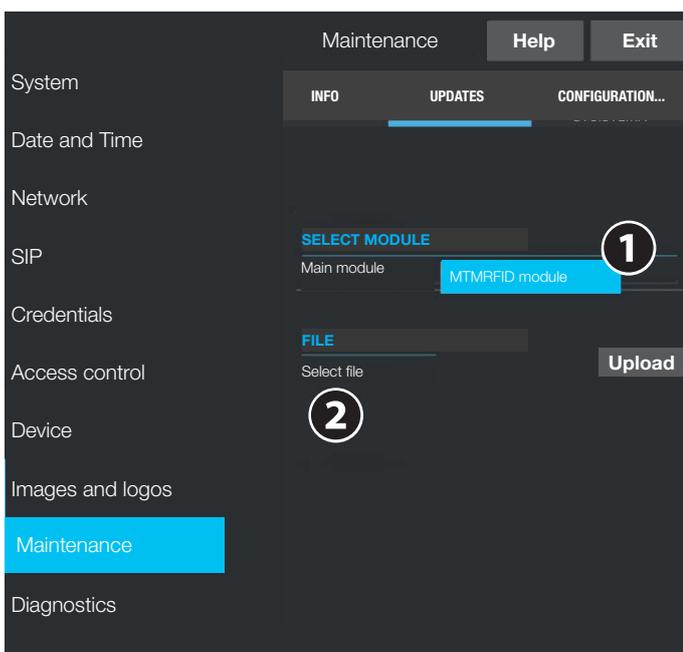
## Device maintenance

### INFO



Firmware version for the main module and the connected accessories.

### UPDATES



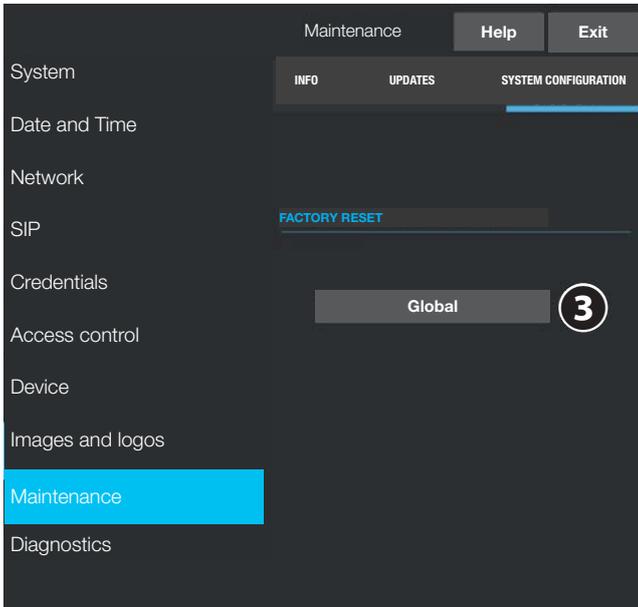
Update the firmware for the connected devices.

1 Press to choose which module to update.

2 Select the update file.

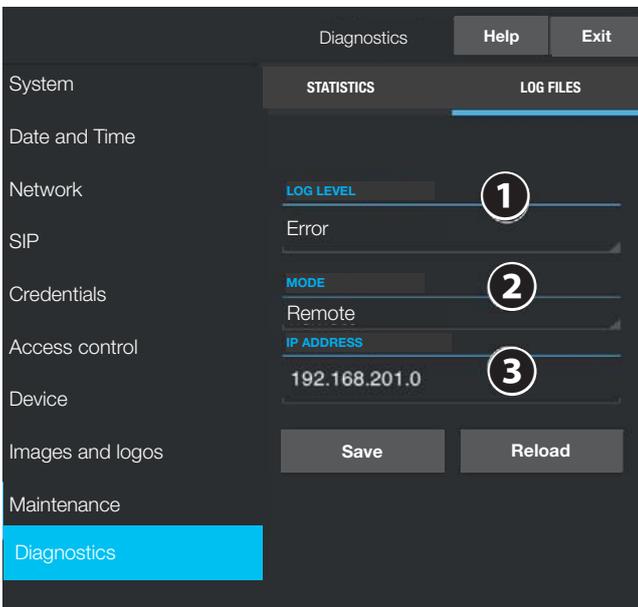
Start the update.

## SYSTEM CONFIGURATION



- 3 Restore factory settings on the main module and connected accessories.

## Device diagnostics



### STATISTICS

Statistical data on device operation.

### LOG FILES

Data files are generated to identify the causes of any faults.

- 1 Statistical data on device operation.

- 2 Choose where to save the LOG files:

- **Local-RAM**

The file is saved to the non-permanent device memory.

- **Local-FLASH**

The file is saved to the device's internal memory (limited space).

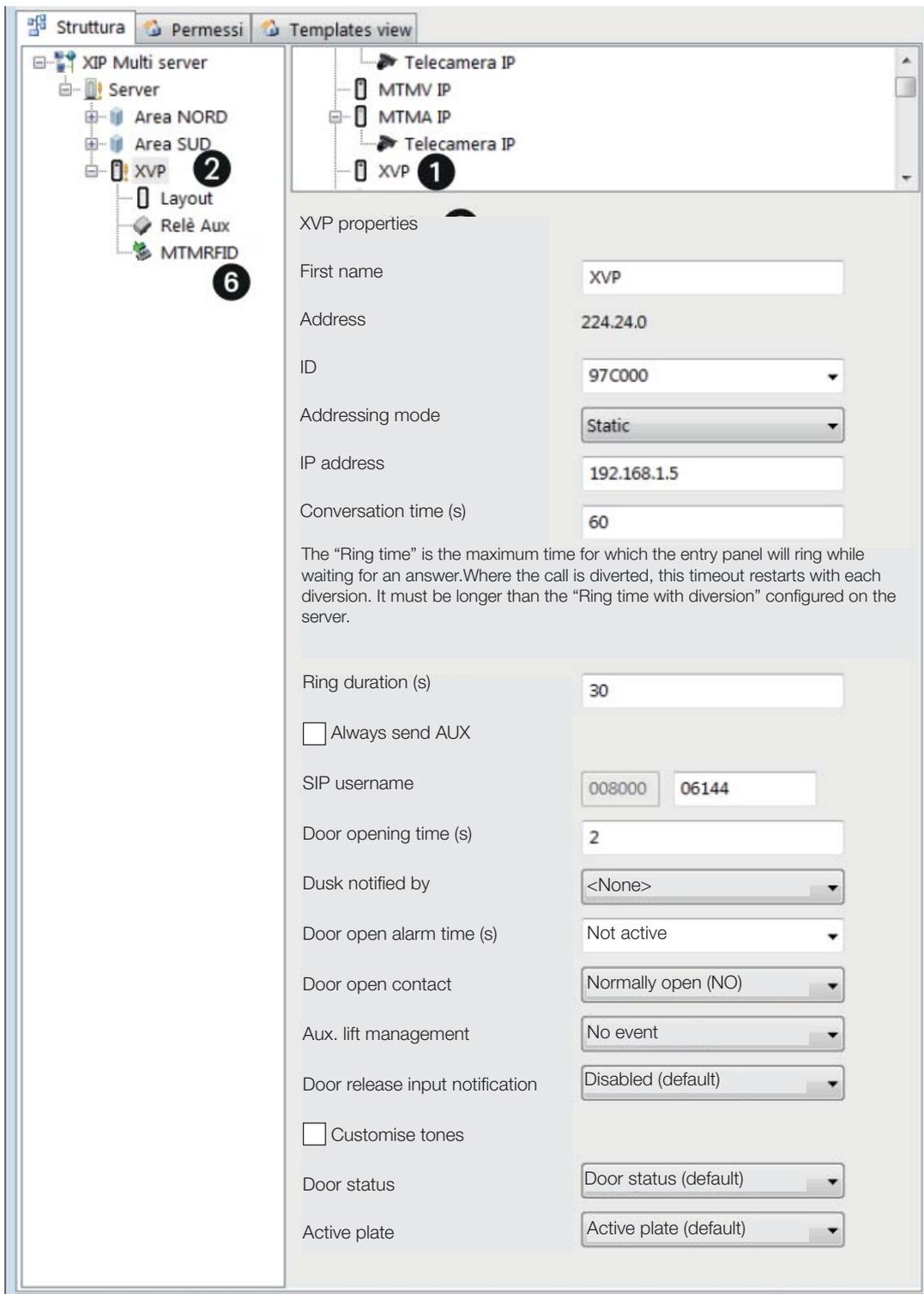
- **Remote**

The file is saved to a remote server.

- 3 Specify the remote server IP address.

## CONFIGURATION AND COMMISSIONING VIA PCS/XIP

-  The device is part of a set-up based on an Xip system.
  -  The system structure must be built using PCS/XIP software.
- Create the system structure according to need.



The screenshot shows the PCS/XIP software interface. On the left, the 'Struttura' tab displays a hierarchical tree of the system structure. The 'XVP' device is highlighted with a red circle '2'. On the right, the 'Templates view' tab shows a list of devices, with 'XVP' highlighted by a red circle '1'. Below the device list, the 'XVP properties' form is displayed. The form includes the following fields and values:

- First name: XVP
- Address: 224.24.0
- ID: 97C000
- Addressing mode: Static
- IP address: 192.168.1.5
- Conversation time (s): 60
- Ring duration (s): 30
- Always send AUX:
- SIP username: 008000 06144
- Door opening time (s): 2
- Dusk notified by: <None>
- Door open alarm time (s): Not active
- Door open contact: Normally open (NO)
- Aux. lift management: No event
- Door release input notification: Disabled (default)
- Customise tones:
- Door status: Door status (default)
- Active plate: Active plate (default)

The 'XVP properties' form also includes a text area with the following text:

The "Ring time" is the maximum time for which the entry panel will ring while waiting for an answer. Where the call is diverted, this timeout restarts with each diversion. It must be longer than the "Ring time with diversion" configured on the server.

- 1** Enter the entry panels by dragging the XVP modules from the list on the right.
- 2** Select the devices entered and complete the properties **3**.
-  The ID and IP address fields are mandatory **4** **5**.
- 6** Add the accessory modules, if required, such as the MTMRFID module, and any relay activation events. Complete parameter configuration for the XVP device and the other devices. Proceed with system programming.



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