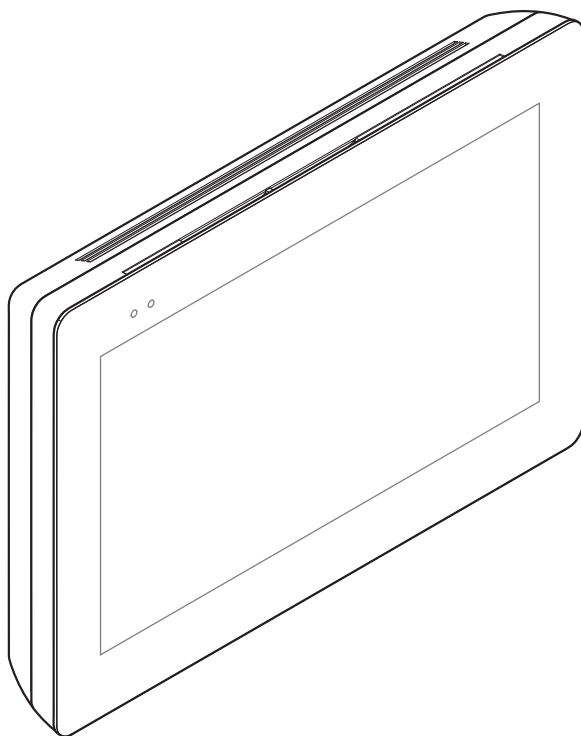




Video intercoms for the IP360 system

FB01185-EN



XTS 7IP WH WIFI
XTS 7IP BK WIFI
XTS 7IP WH WFBF

INSTALLATION AND SETTINGS MANUAL

EN English

GENERAL PRECAUTIONS

- Read the instructions carefully before beginning the installation and carry out the actions as specified by the manufacturer.
- The installation, programming, commissioning and maintenance of the product must only be carried out by qualified technicians, properly trained in compliance with the regulations in force, including health and safety measures and the disposal of packaging.
- Before carrying out any cleaning or maintenance operation, disconnect the device from the power supply.
- The equipment must be destined solely for the use for which it was expressly designed.
- The manufacturer declines all liability for any damage as a result of improper, incorrect or unreasonable use.

Cautionary issues on remotely controlling the device

Some features of the system may be managed by smartphones and tablet PCs, by using the corresponding apps. For the system to be remotely controlled, the device must be connected to a home WiFi network with internet access.

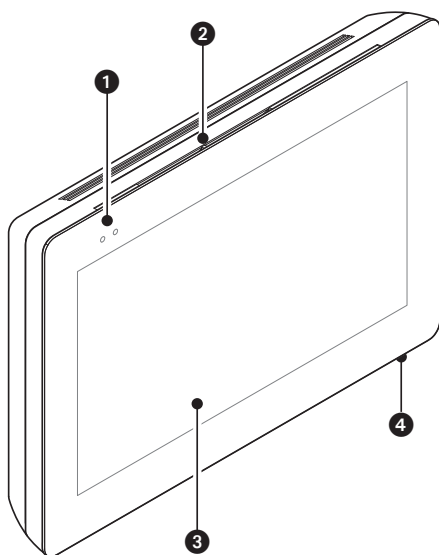
This type of system functions properly when:

- the device receives a high-quality WiFi signal
- there is a permanent connection established by your contract with the internet service provider. The connection must support the data flow generated by the device and support VoIP,
- the smartphone or table PC on which the corresponding app is running does not block any VoIP apps.

 Remotely controlling the device via app means that the data traffic consumption takes place over the home network of the smartphone or table PC. the ensuing cost of said consumption is borne by the user.

DESCRIPTION

Full-touch video intercom for the IP360 system, with TFT seven-inch touch-screen, featuring WiFi and User Graphic User Interface.



Description of parts

Front view

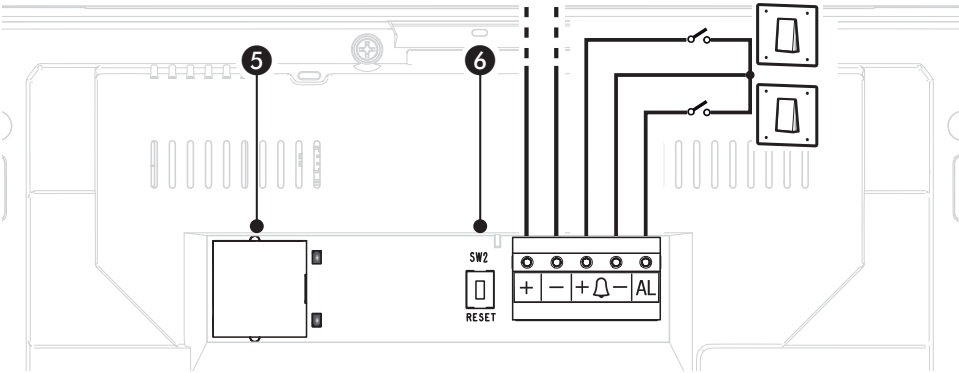
- ❶ Signaling LED
- ❷ Loudspeaker
- ❸ Touch-screen display
- ❹ Microphone.

Rear view

- ❺ Socket for connecting the device to the LAN or LAN PoE network.

Green LED, network activity:
on steady = active link,
blinking = data activity.

Yellow LED, data transmission speed:
off 10Mbps,



The device automatically recognises the local or PoE power supply.

6 Reset button. When pressed it reboots the device; this operation DOES NOT require any deleting of programming.

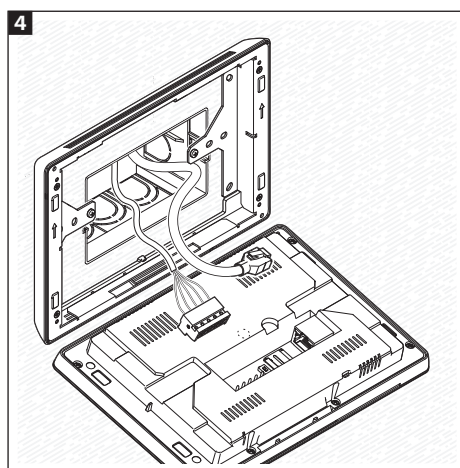
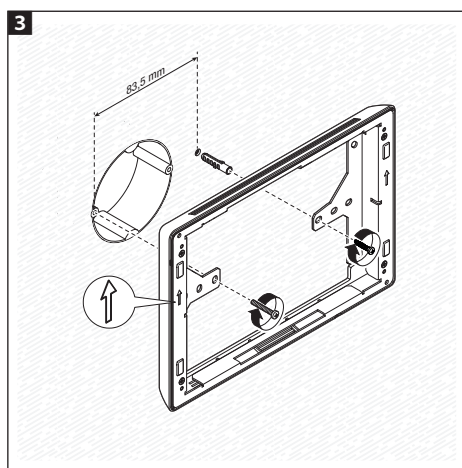
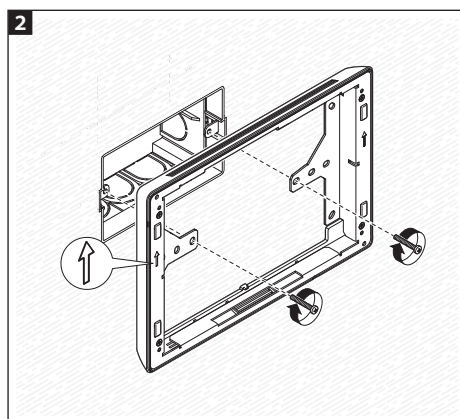
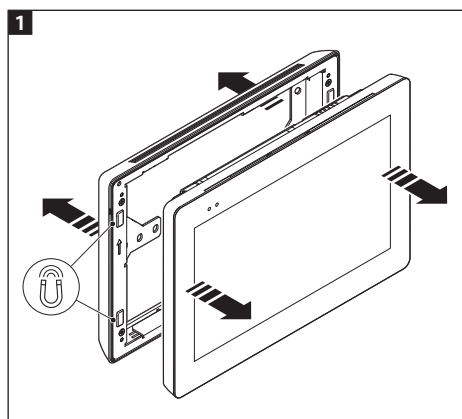
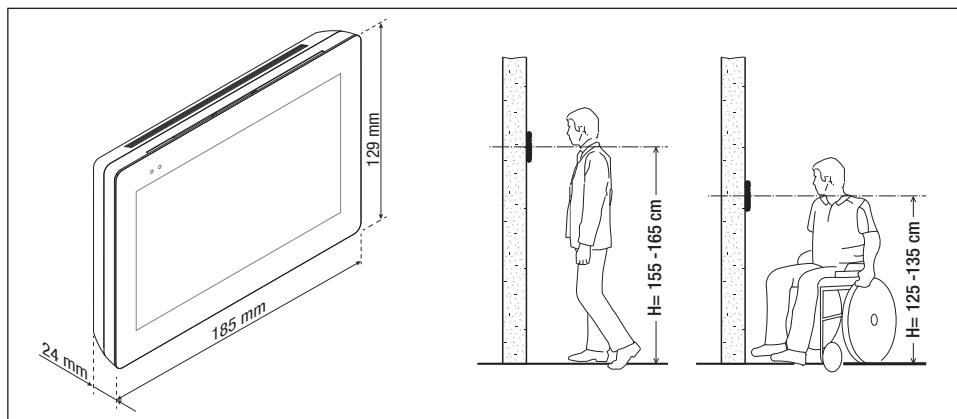
Function of terminals

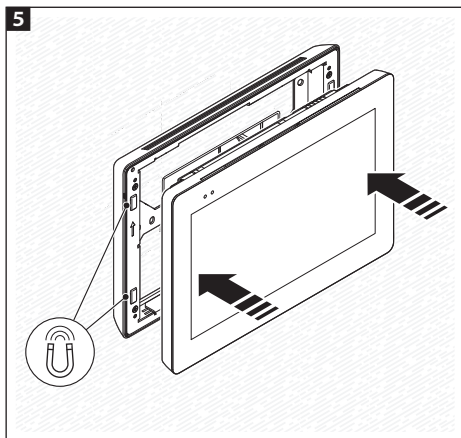
- Local power supply input
- Landing call input
- Alarm input

Technical data

Type	XTS 7IP WIFI
local power supply (V DC)	14 to 18
PoE power supply	IEEE 802.3af-PD
Maximum draw (mA)	420
Consumption in stand-by mode (mA)	340
Stocking temperature °C	-25 to +70
Operating temperature °C	0 to +40
Protection rating (IP)	30
Video codec	H.264
Capacitive TFT Touch-screen Display (pixels)	1024 x 600
Wireless standard	IEEE 802.11b/g/n
Wireless frequency filed (MHz)	2.412 - 2.472
Maximum transmission strength (dBm)	16
Wireless security	WPA/WPA2-PSK, WEP

INSTALLING



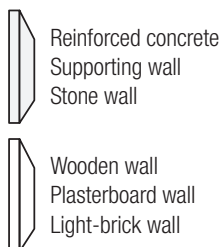
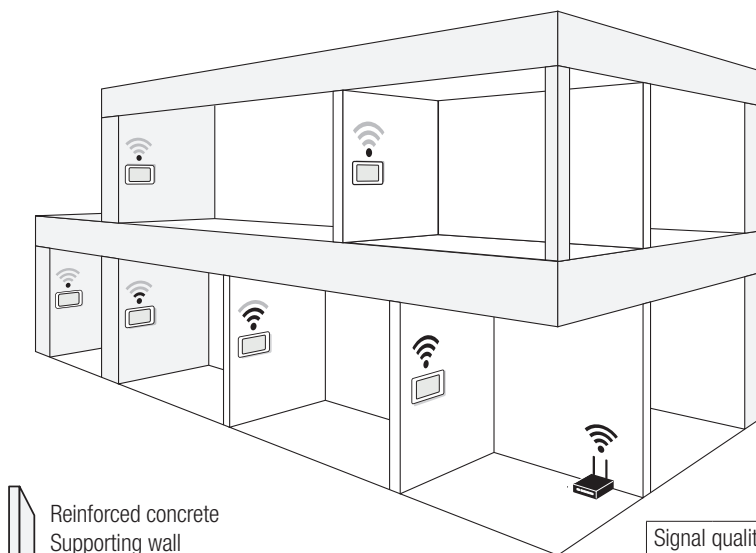


 To make the device's installation more solid, use the supplied screws and dowels to fasten the frame to the wall.

Notes on installing indoor receivers connected to the WiFi network

Install the indoor receiver: away from any metal objects that may interfere with the signal, or from any devices that generate magnetic fields. Install it in the same room as the router or have the least possible number of walls separating the router and the indoor receiver.

If the place chosen for installing the indoor receiver is not easily reached by a sufficiently intense WiFi signal, we suggest installing a signal regeneration processor which is easily bought on the open market.

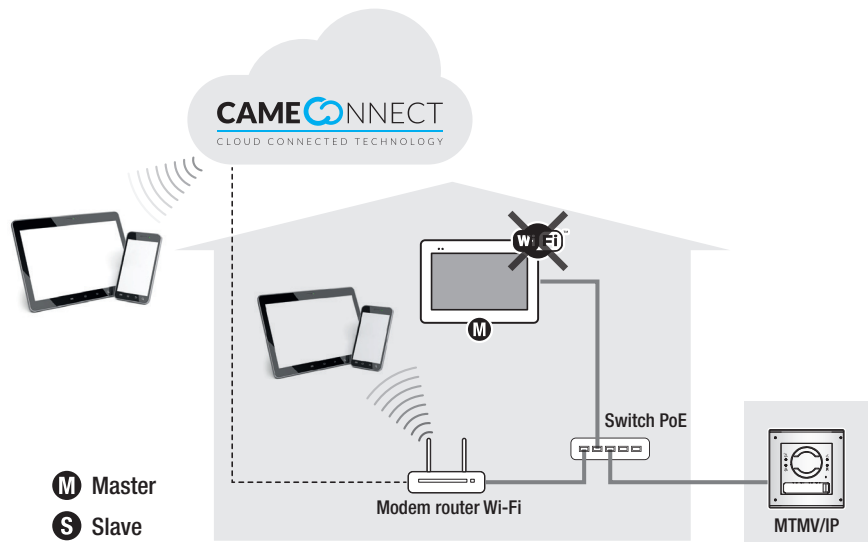


Signal quality	
	Optimal
	Good
	Sufficient
	Insufficient

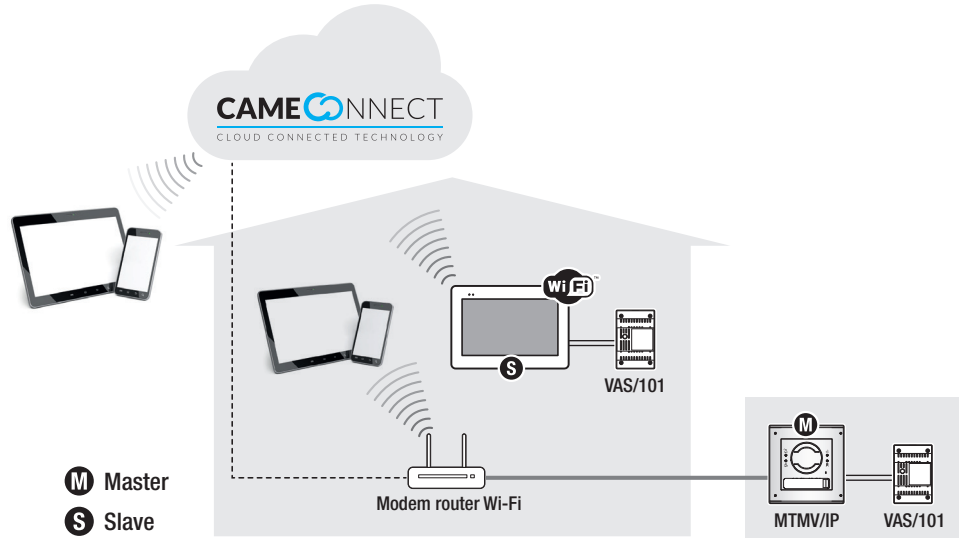
Examples of installation

The devices' Master/Slave setting is programmed via the PCS/XIP software.

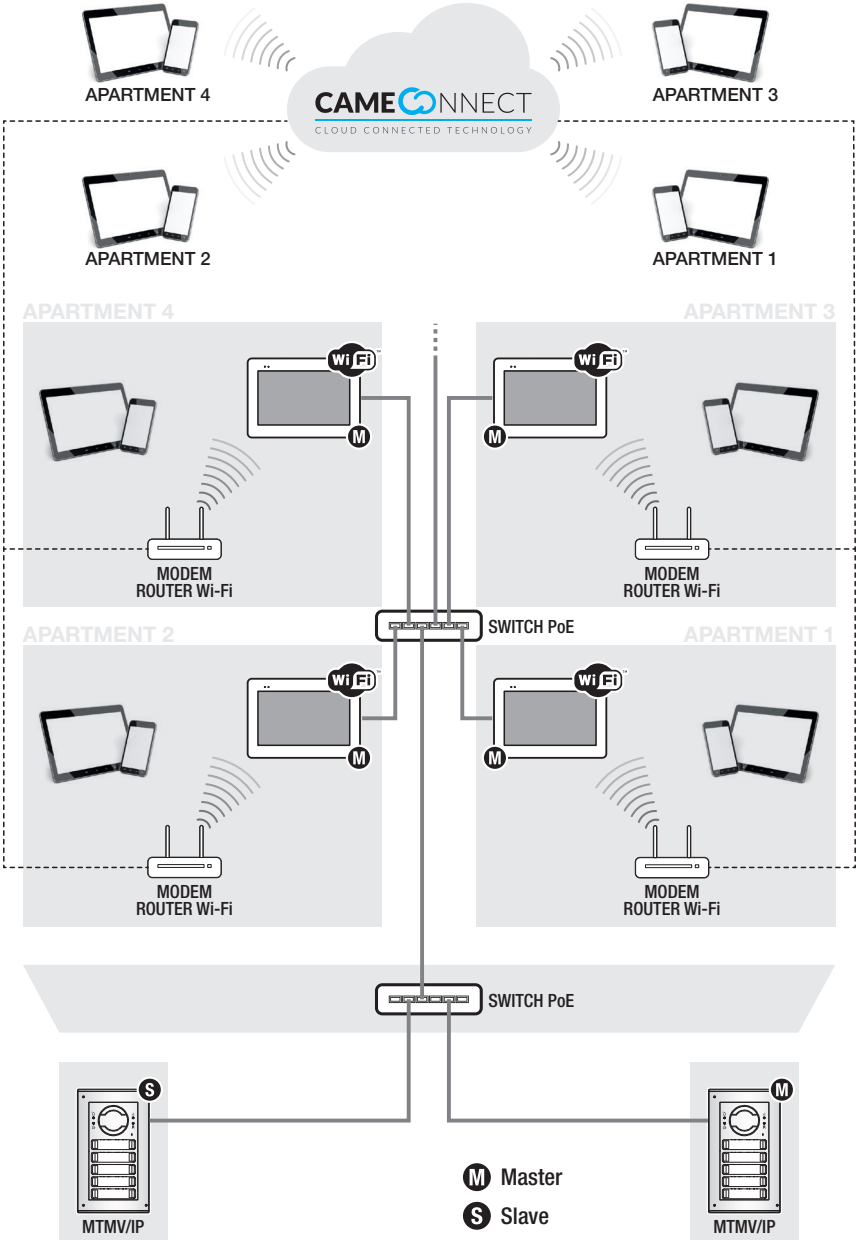
Single-household system with PoE power-supply



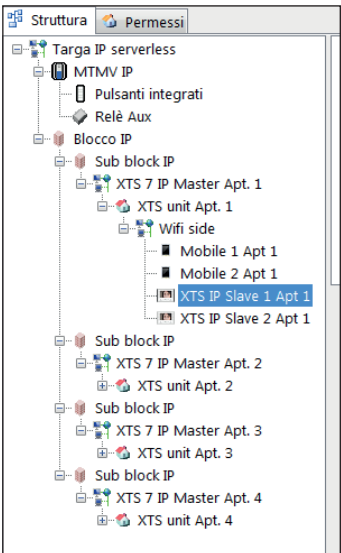
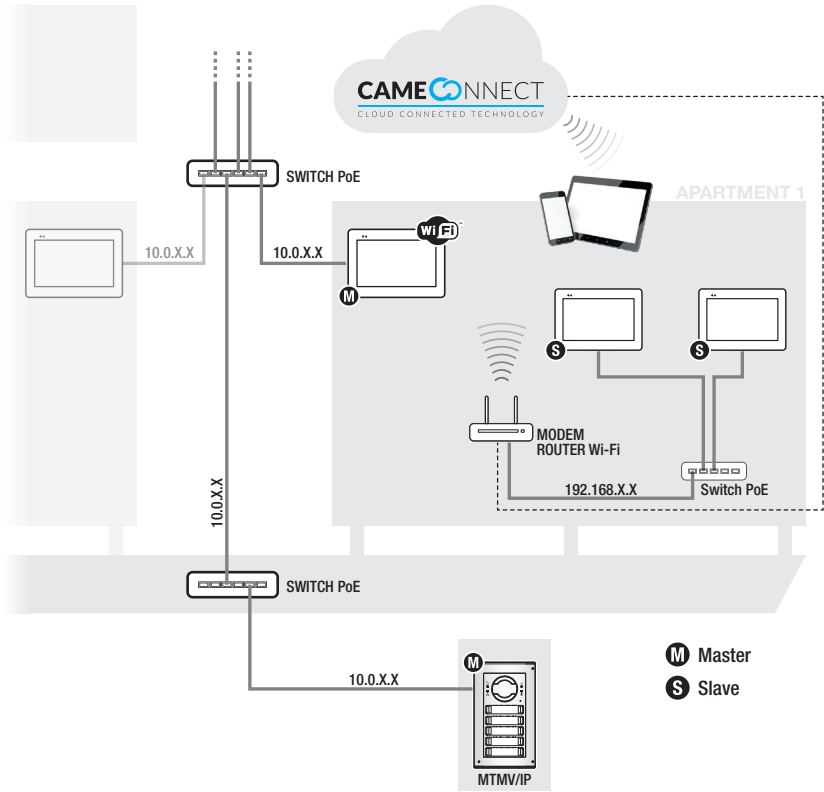
Single-household system with local power-supply and WiFi-connected indoor receiver



Multi-household system with indoor receiver for apartments



In households with several indoor receivers, where one of these is connected to the apartment building's LAN network, while the others are connected to the local LAN network



A call from the entry panel can call, at most, 20 devices, that are managed by the Master indoor receiver in one apartment, whether they are connected to the LAN line or reachable via the WiFi network or the mobile phone network via the CAME Connect service.

When there's an incoming call, all the devices programmed to answer will ring.

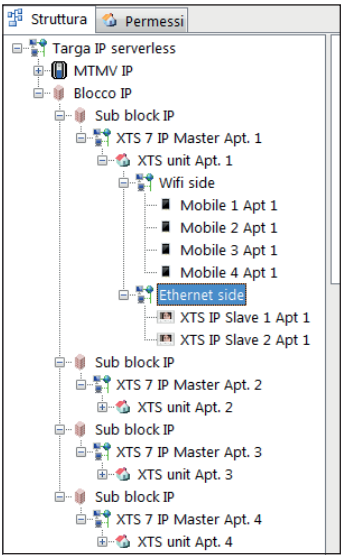
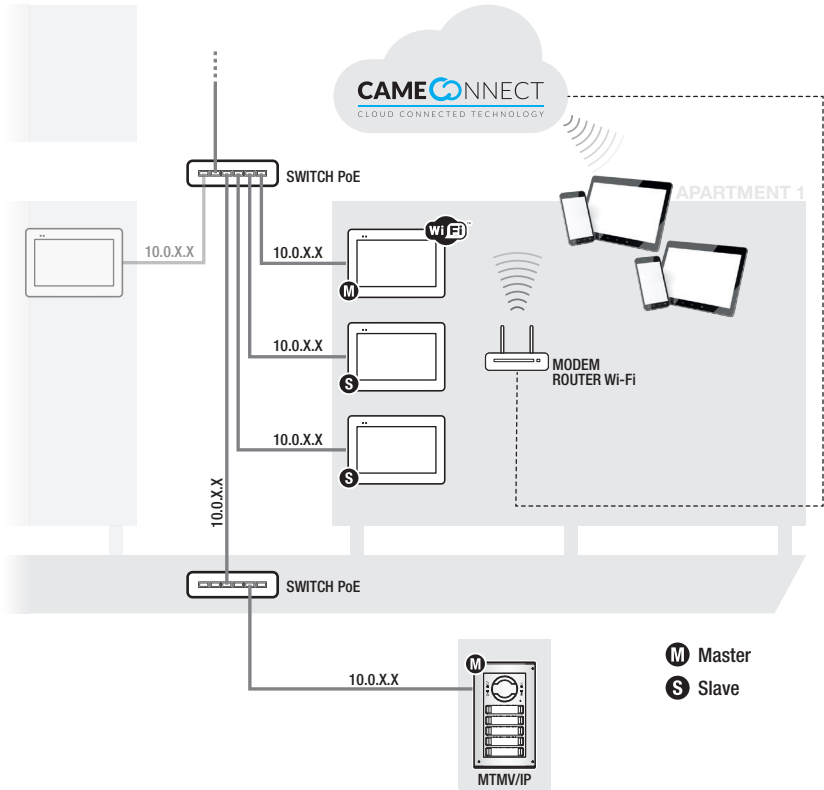
The caller's image preview may be viewed on five devices, at most. One of these is the Master indoor receiver.

The high resolution image can only be viewed on the Master indoor receiver.

Another four devices, chosen via the PCS/XIP software, can preview the caller's image in low resolution.

Any other devices that are programmed to answer calls, may ring but cannot view any type of video preview; only be answering the incoming call can they view images from the entry panel.

Household in which several indoor receivers are installed, some of which are connected to the apartment building's LAN network



A call from the entry panel can call, at most, 20 devices, that are managed by the Master indoor receiver in one apartment, whether they are connected to the LAN line or reachable via the WiFi network or the mobile phone network via the CAME Connect service.

When there is an incoming call, all the devices programmed to answer will ring.

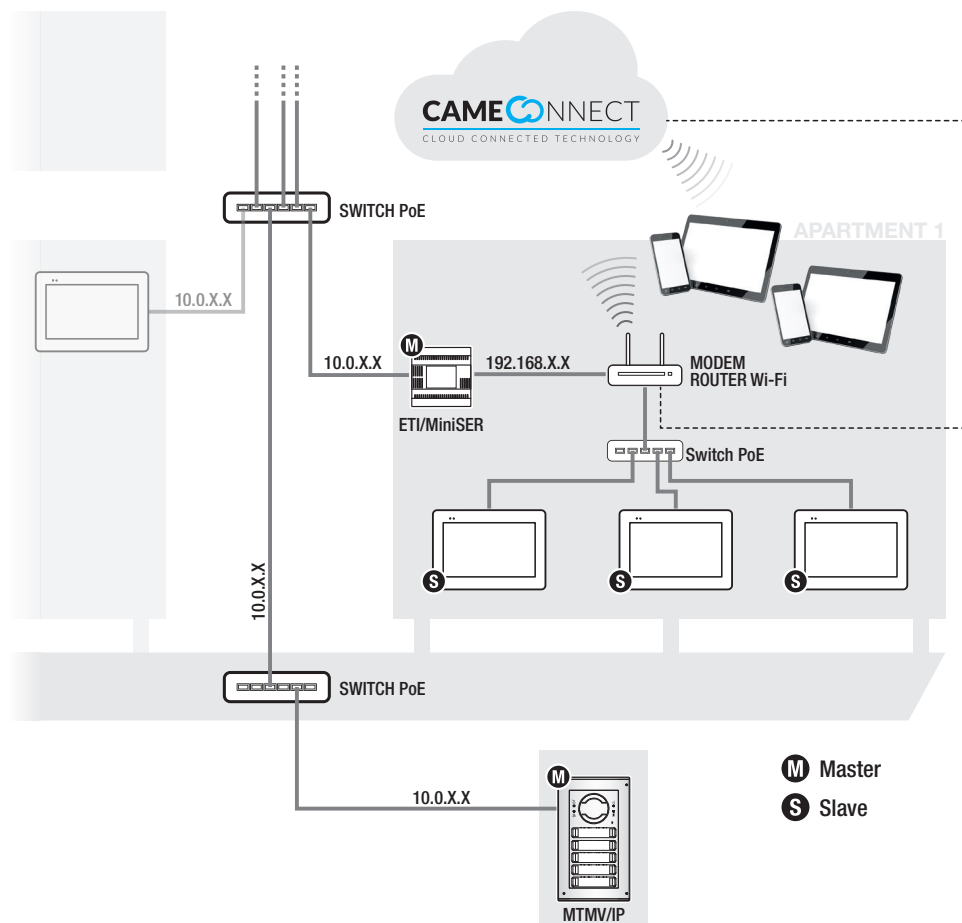
The caller's image preview can be viewed by up to five devices, one of which will always be the master indoor receiver.

The high resolution image can be viewed on the master indoor receiver and on at most four other indoor receiver connected to the LAN network.

If only one, that is, the master indoor receiver is connected to the LAN, the other four devices, chosen via the PCS/XIP software, can view the caller's image in low resolution.

Any other devices programmed to answer calls will rings but they cannot view any video previews; only be answering the incoming call can they view images from the entry panel.

Household in which several indoor receivers are connected to the local network, on which the local ETI/MiniSER server acts as master for the apartment



An incoming call from the entry panel can have up to 10 devices ring; whether they are connected to the LAN line or reachable over the WiFi network or the mobile network via CAME Connect.

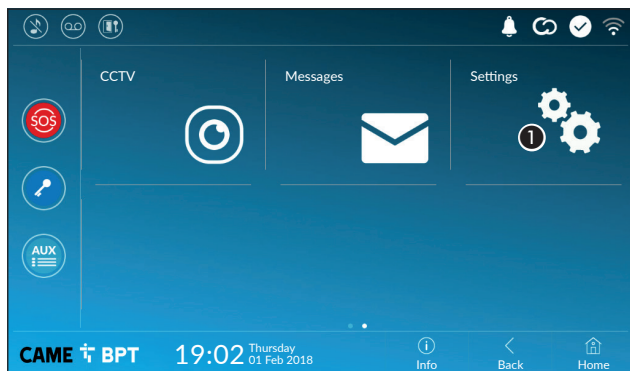
When there's an incoming call, all the devices programmed to answer will ring.

The high resolution image is viewable by the 10 slave indoor-receivers.

COMMISSIONING

Once the wiring is complete, the functions essential for the device to work properly need to be programmed.

Scroll the available pages.



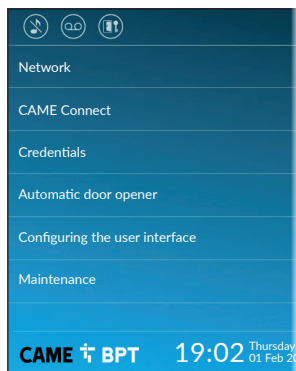
Select item **1**.



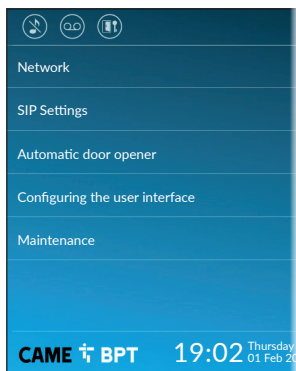
Scroll the list.
Select menu item **2**.

Advanced settings

On master indoor receiver

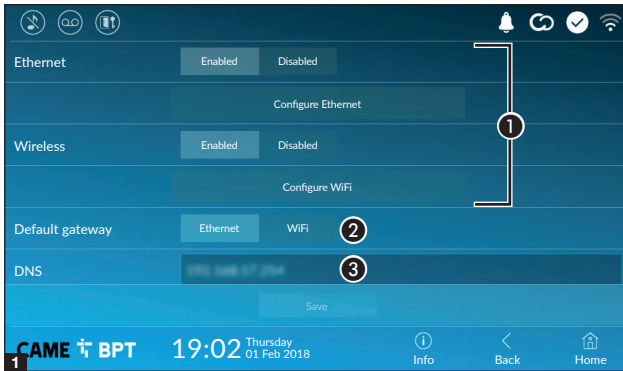


On slave indoor receiver



 This section requires specific know-how in operating the video-intercom system. Wrong settings may cause partial or even total malfunctions; that is why the editing of some parameters is allowed only after entering the installer password; the default password is 112233).

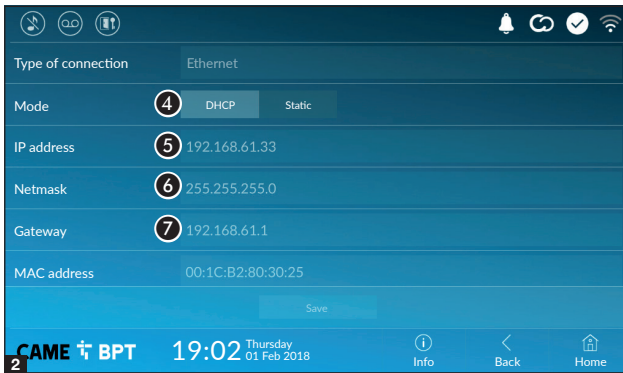
Network



This section is for establishing in which way the device connects to the network.

- ❶ Enable/disable the types of wanted connections
- ❷ Select whether the gateway connection happens via the Ethernet or WiFi network.
- ❸ Enter a valid DNS address to have the CAMEConnect connection (for example,

Configuring the Ethernet connection



- ❷ Lets you choose the type of address from:

DHCP

The device's IP address is assigned by the DHCP server; if there are no special needs, this mode lets you continue with the settings without adding any additional data.

Static

The device's IP address is manually assigned.

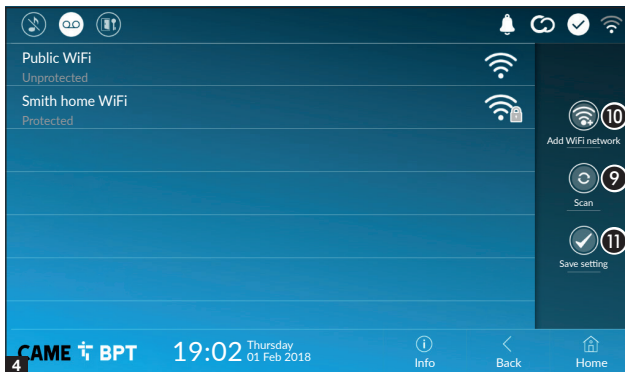
- ❸ If you have chosen a static IP address, enter the device's IP, which must belong to the same subnet as that of the router and of the other connected devices.
- ❹ If the netmask is different from the default one, provide the proper netmask.
- ❺ Provide the default gateway for your network.

Configuring the Wireless connection



8 This button is for enabling the WiFi network.

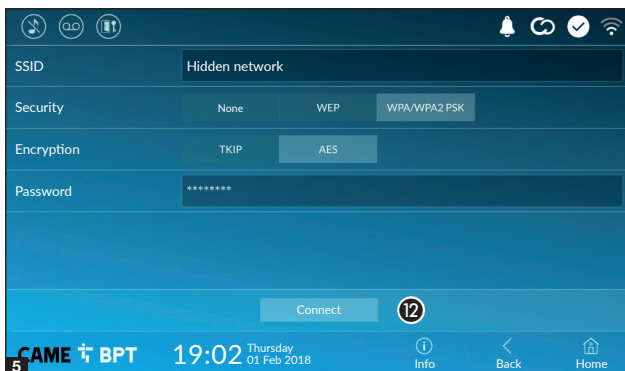
 This icon indicates that the Wi-Fi connection mode is active.



4 The page shows any detected networks; to manually scan for networks, touch this button 9.

Select a network to connect to. If the network is unprotected the connection will be immediate.

If the network is protected, enter the password for the WiFi network to get access.



Top save the setting, touch button 11.

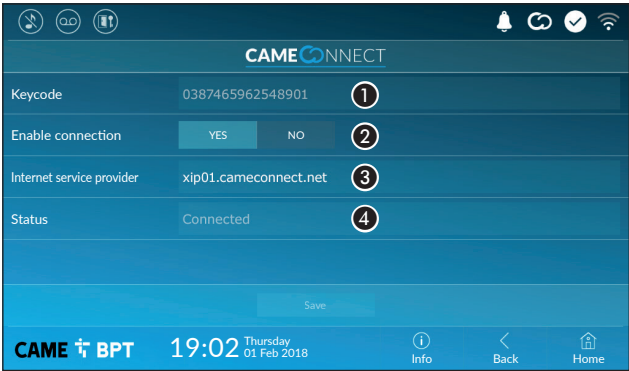
To establish connection to a WiFi network with a hidden SSID, touch button 10.

On the page provided yo can enter an SSID, that is, network name, type of security, encryption and password; when required.

To connect, touch this button 12.

Top save the setting, touch button 11.

CAME Connect - only on the master indoor receiver



- 3 URL of the service for remote calls (the default one is xip01.cameconnect.net)
- 4 It shows the state of the connection.

- 1 Device's univocal code.
 - 2 For enabling or disabling the VoIP remote control of the video-intercom call.
- The factory settings require that the CAME Connect connection is disabled.
- The CAME Connect connection must be active to receive calls on the App.

Credentials - only on the master indoor receiver



This window lets you view the credential of any users enabled to connect to the master device.

Touch the user you want to access the screen that lets you assign or edit an access password.

SIP settings - only on the slave indoor receiver

Manual Mode

- ❶ In this space enter the “SIP Username” assigned to the device by PCS Xip.
- ❷ In this space type any password assigned in the receiver's credentials in the server's setup window.
- ❸ Name assigned to the device.

- ❹ In this space enter the server's IP address.

Example of CAME server IP addresses:

ETI/MiniSER Xip, ETI/DOMO Xip - 192.168.0.3 (port 0) - 192.168.1.3 (port 1)

ETI/SER Xip, 192.168.1.1

Serverless IP entry panel, 192.168.1.5

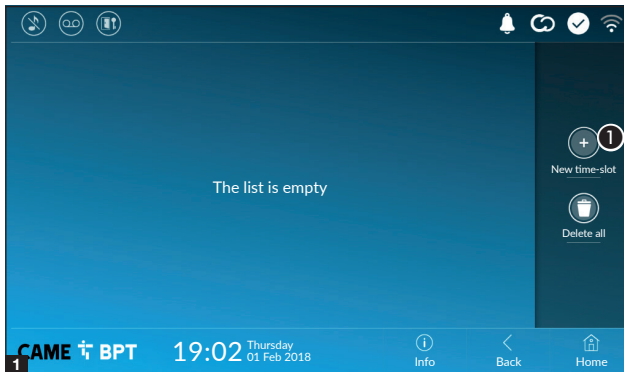
- ❺ Select the type of server to which the device is connected.

Automatic mode

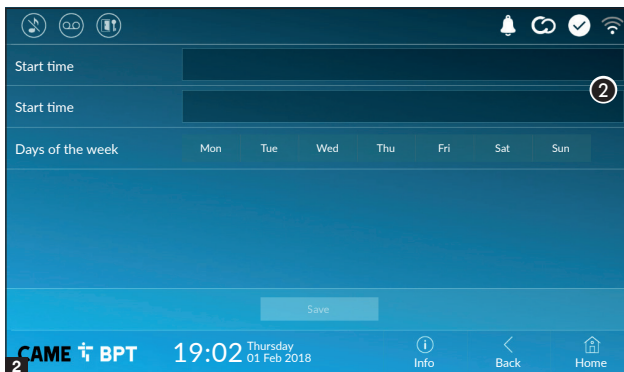
By choosing the automatic SIP setting and pressing the SAVE button, a guided procedure is launched which lets you choose the server or master device, to which to connect your device. Once you have entered the Flat ID call code assigned to your indoor receiver through the PCS/Xip, during programming, the procedure is complete.

Automatic door opener

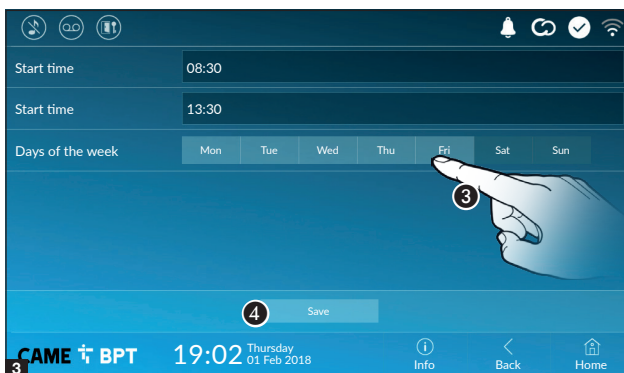
This function, which is especially useful for businesses, lets you automatically open the entrance once the call-button is pressed on the entry panel. The activation of this function can be programmed to schedule time slots and days of the week.



1 Touch the button to add a new time slot.



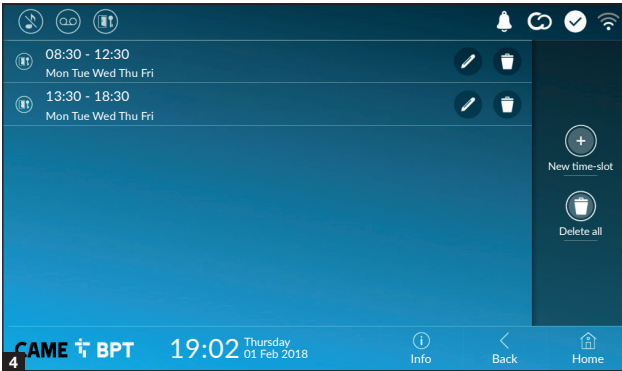
2 Touch the empty sections and in the pop-up window set the start and finish time of the time-slot for activating the function.



3 Touch the days of the week during which the time-slot needs to be active.

4 Touch this button to save the time-slot you have just created.

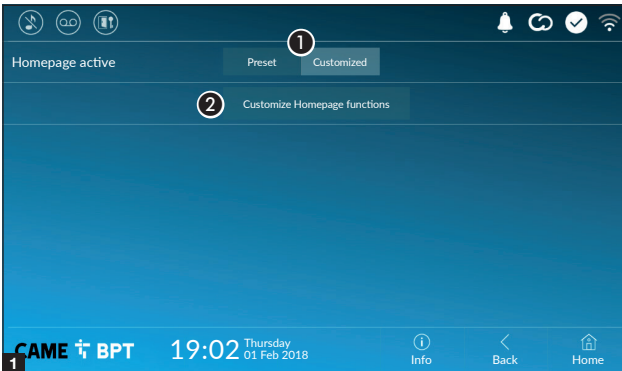
Create any new time slots and touch the **Save** button to add them to the list.



- ✏ For editing the selected element.
- 🗑 For eliminating the selected element.

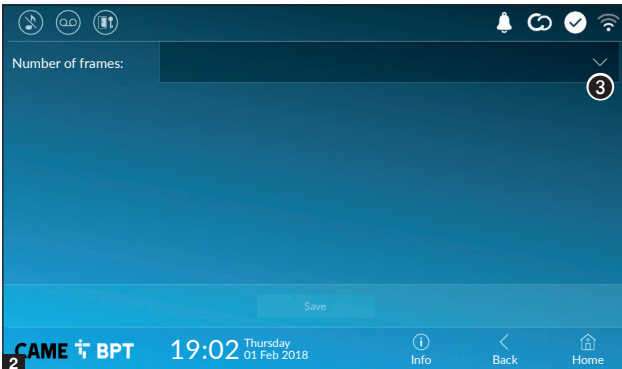
Touch the button **Back** to return to the list of configurable parameters.

User interface settings



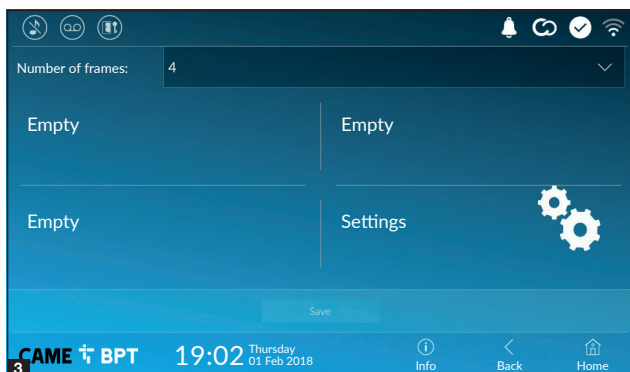
This section is for customizing the appearance of the homepage.

- ❶ Select the type of homepage that you wish to see.
- ❷ Touch the button to create a customized homepage.



- ❸ From the drop down menu, choose the total number of frames that you want on the main page.

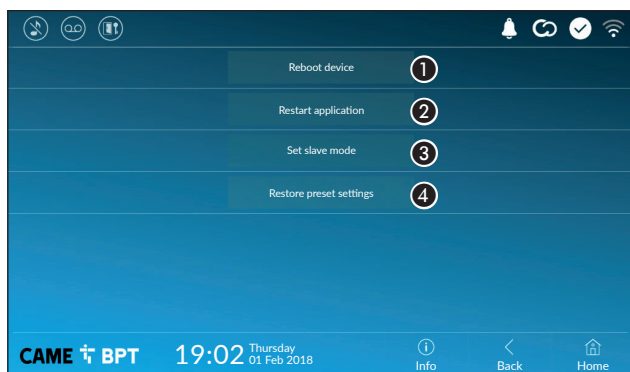
📖 Each page has six frames, at most; the last one is always the settings section.



Touch each of the empty sections and use the drop-down menu to select the content that you want to assign to the section.

Save the setting by touching the **Save** button.

Maintenance



(administrator password required; the default password is 112233).

① Touch the button to reboot the indoor receiver.

② Touch the button to reboot only the application that runs the indoor receiver.

📖 The factory settings require the indoor receiver to be in "slave" mode. Any indoor receivers set to "master" mode are configured via the PCS/Xip software to match their systems structure.

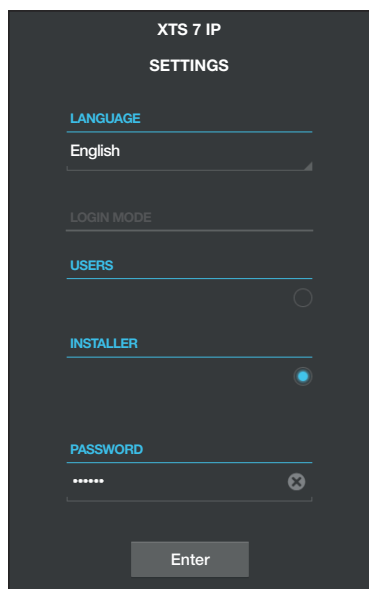
③ Touch the button to set the indoor receiver to "slave" mode.

📖 This setting is only available on the "master" indoor receivers. The changed mode requires the device to be reconfigured.

④ Touch the button to return all the local settings to the default factory settings.

SETTINGS ONLY AVAILABLE ON WEBPAGE

The webpages, besides allowing you to set most of the parameters that may be set up on the indoor receiver's interface, also allow you to run certain additional functions shown in this section.

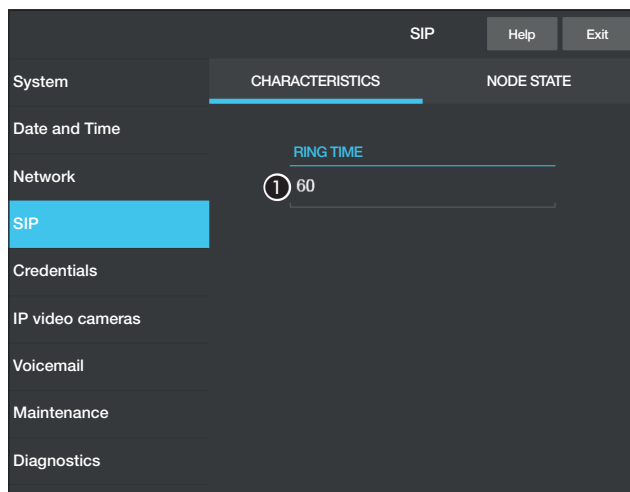


In the Chrome, Firefox, Safari browsers' address bar, type the devices address..

Select the [INSTALLER] access option and type the default "112233" password to access the settings screen views.

 Accessing by using the User" credentials, for which the default password is 123456, only lets you browse the following pages, as well as any user-dedicated pages.

 There is no scroll bar on the right on the settings web pages. To browse the pages, press and keep pressed the left mouse button, and drag. On smartphones and tablet PCs, drag your finger along the screen.



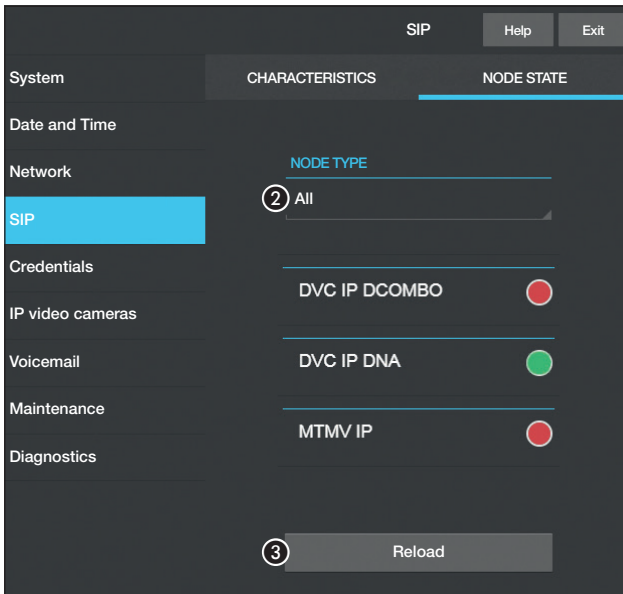
SIP

Characteristics

 Only for master indoor receivers.

The ring time is the time elapsed when the incoming call is cut off or routed towards other Cloud-connected devices.

1 Type the ring time expressed in seconds.



Node state

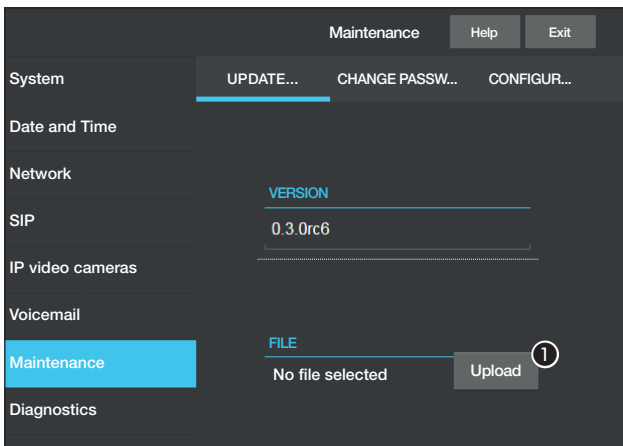
On master indoor receivers, this window is for viewing the state of the connection on SIP nodes.

② Select the type of SIP nodes of which you want to view the state.

Red dot = Node not connected or connecting.

Green dot = Node connect and working.

③ Update the viewing of the state of the nodes.

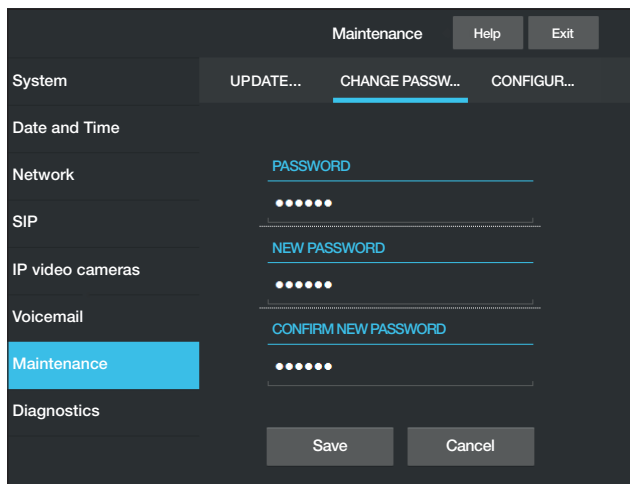


Maintenance

Update

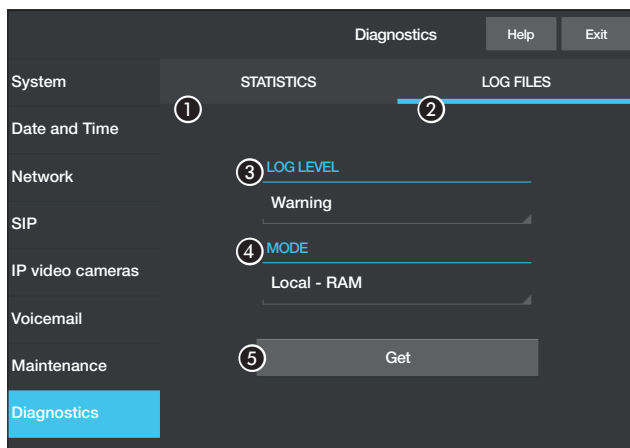
This window is for upgrading the device's firmware, as follows:

① Press the button, select the file with the firmware upgrade within your computer and launch the process.



Change password

In this window you can change the password used for accessing.



Diagnostics

- ❶ This section brings together statistical data on the operation of the device.
- ❷ The section lets you generate file that contain data useful for technical servicing aimed at finding any malfunctions.
- ❸ This is for choosing the LOG types.

- ❹ This is for choosing where to save the LOG files, among:
 Local-RAM: the file is saved in the device's temporary memory
 Local-FLASH: the file is saved in the device's internal memory. Warning! The storage capacity is limited
 Remote: the file is saved onto a remote server for which you need to enter the IP address.
- ❺ Launch log file recovery.

Pertinent Regulations. CAME SpA, the manufacturer, declares that the products described in this manual conform to Directive 2014/53/EU. The complete wording of the EU declaration of conformity is available at the following Internet address: www.came.com

Decommissioning and disposal. Dispose of the packaging and the device at the end of its life cycle responsibly, 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's ID marker.

THE DATA PRESENTED IN THIS MANUAL MAY BE CHANGED, AT ANY TIME, AND WITHOUT NOTICE. MEASUREMENTS, UNLESS OTHERWISE STATED, ARE IN MILLIMETERS.



CAME.COM

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