CAME
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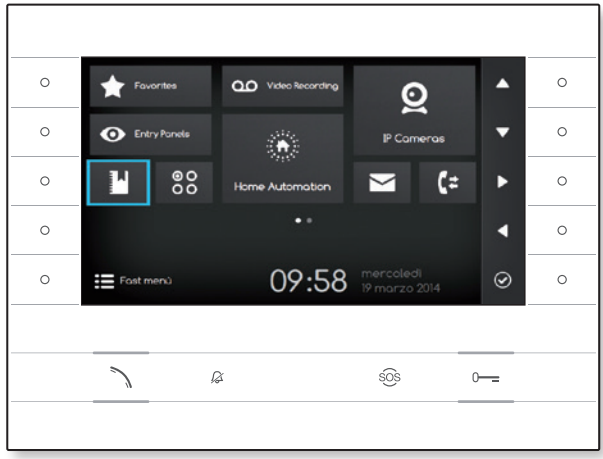
FB00858-EN

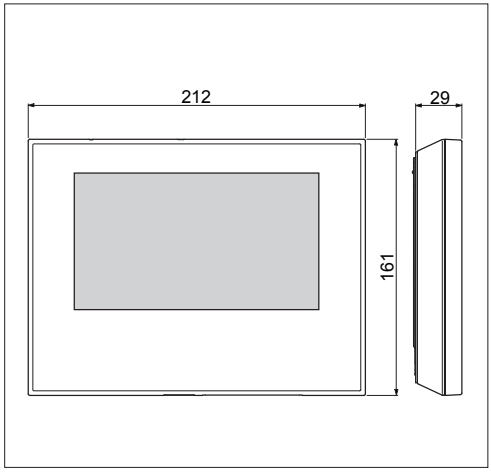
VIDEO ENTRY SYSTEM
INTERNAL RECEIVER



FUTURA IP

INSTALLATION AND SETTINGS MANUAL

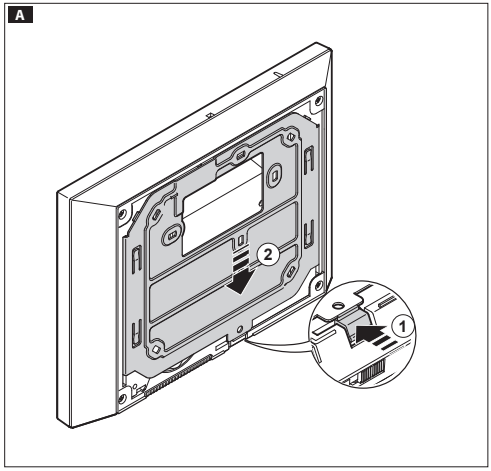
EN English



GENERAL NOTES

- Read the instructions carefully before beginning the installation and carry out the actions as specified by the maker;
- The installation, programming, commissioning and maintenance of the product must be carried out only by qualified technical personnel, correctly trained with regard to respecting the regulations in force, including the implementation of accident prevention 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.

A



INSTALLATION

Wall mounting

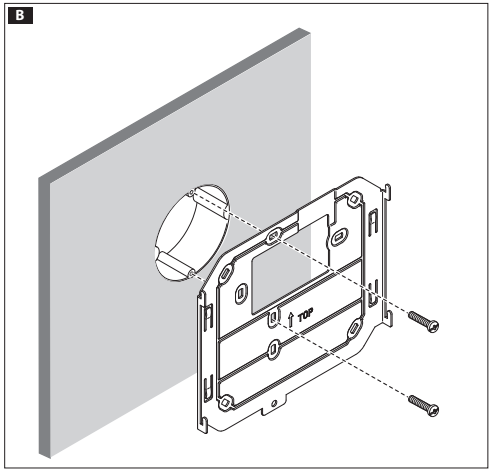
Unfasten the equipment from the metal support by letting it run smoothly along it after you have pressed the plastic button **A**.

Fix the metal support to the round Ø 60 mm back-box **B** or the rectangular 503 back-box **C** **D** using the screws provided and paying attention to the UP direction indication ⇧. The box must be installed at an appropriate height for the user. Avoid tightening the screws too much.

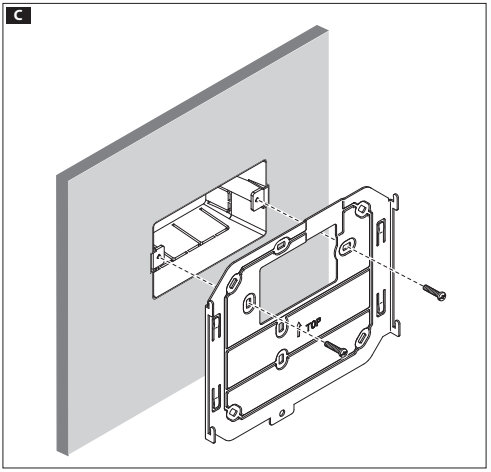
Once the connections are made, hook the video terminal onto the metal support **E** **F**. To unfasten the equipment from the metal support press the plastic button and lift the terminal **G**.

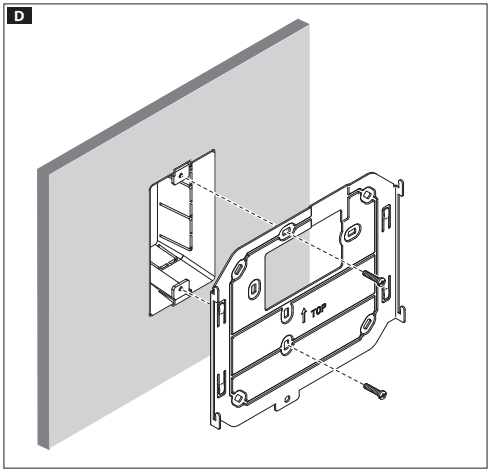
For recessed installation refer to the recessing kit manual.

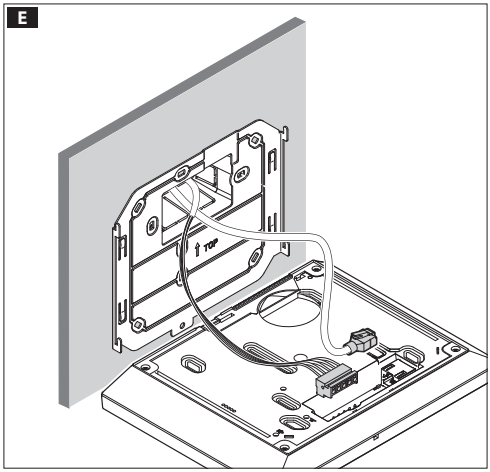
B

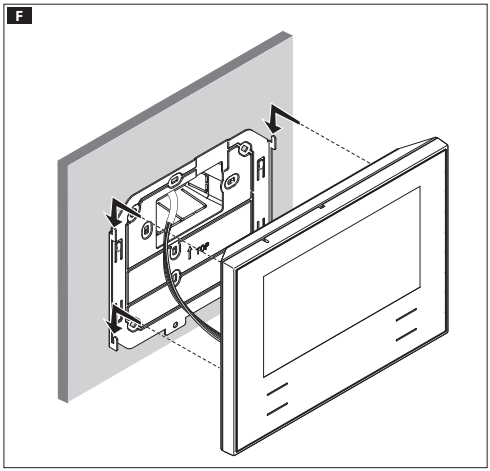


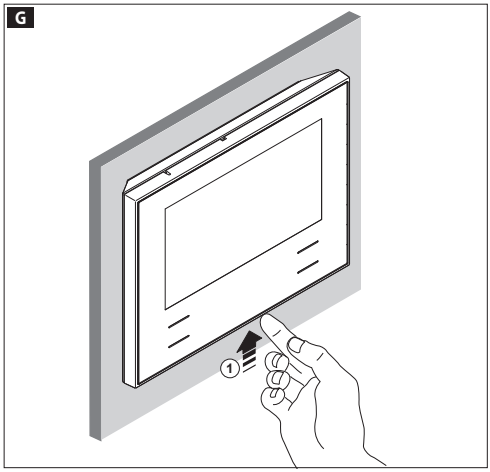
C











TECHNICAL FEATURES

Type	Futura IP
Local power supply (V DC)	14÷20
Max consumption (mA)	500
Power over Ethernet (PoE)	IEEE 802.3af-PD
Storage temperature °C	-25°C ÷ +70
Operating temperature °C	0 °C ÷ +35
Protection rating (IP)	20
7" LCD TFT colour display (pixels)	800x480

Characteristics of network interface

Ethernet IEEE 802.3 10/100 Base T(X), auto speed, auto half/full duplex mode, auto MDI/MDI-X

Functional characteristics

Standard SIP protocol (rfc3261), audio and video

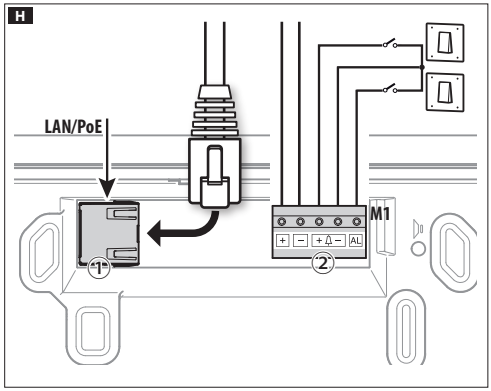
Codec video H.264

Codec audio G711A, G711µ

LAN/PoE H①

Socket for connecting device to LAN or LAN PoE network.

Note: The device automatically recognises the local or PoE power supply.



Terminal board H②

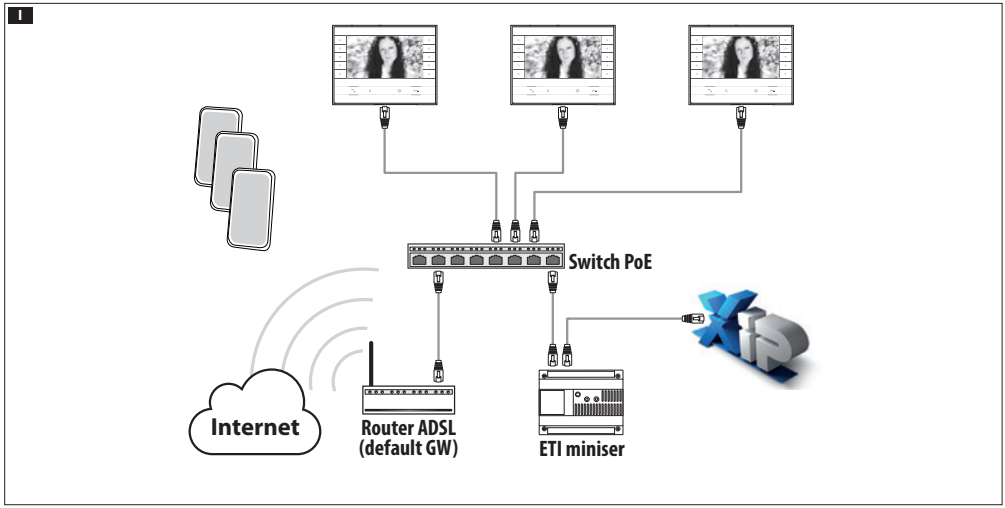
+ −	Local power supply
+ −	Doorbell
AL	Alarm Input

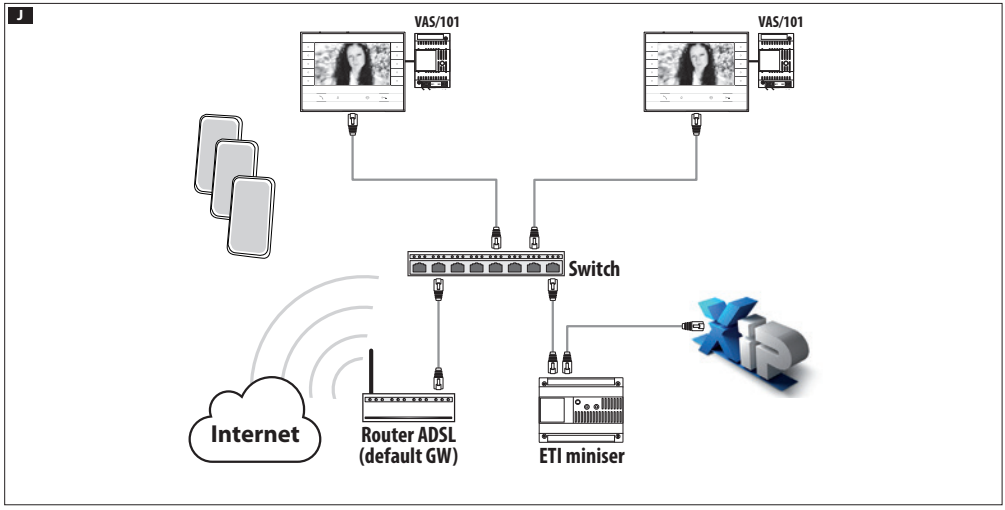
Installation diagrams

Diagram for installation with devices powered by PoE Switch I .

Diagram for installation with locally powered devices J.

- With VAS/101 power supply: 2 Futura IP devices, total max 100mt with 0.5mm²section cable.
- With VAS/100.30 power supply: up to 3 Futura IP devices, total max 100mt with 0.5mm² section cable.

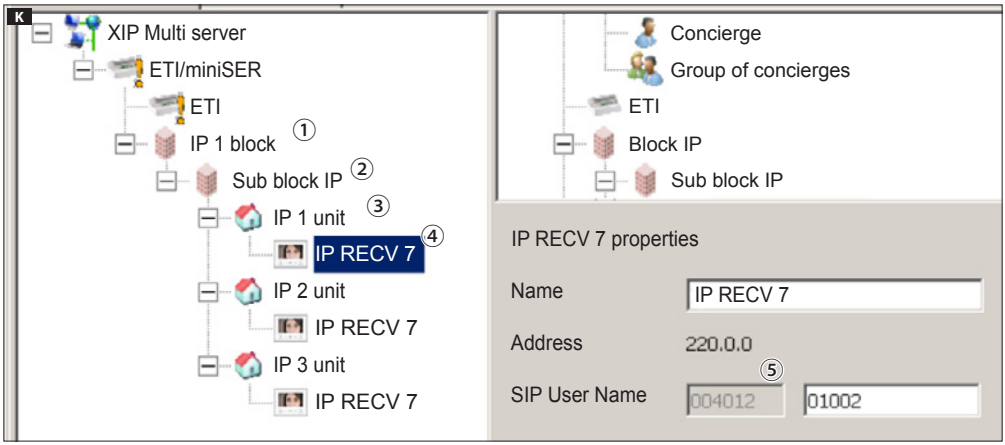




CONFIGURATION AND COMMISSIONING THROUGH THE DEVICE INTERFACE

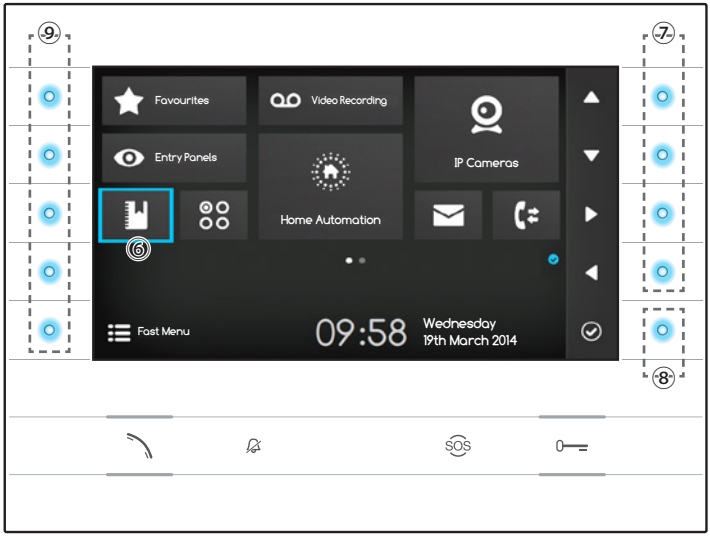
Preliminary operations on PCS Xip

The device is a constituent part of a system based on the Xip system. For this reason the system structure must have been previously constructed using the PCS Xip software.



Detecting the "SIP User Name" of the device K

Create the IP block ① and Sub block ②; add the IP units ③ and lastly the IP receivers ④; select the desired IP receiver. In the properties window you can see ⑤ the code to use as "**SIP User Name**" to configure the receiver.



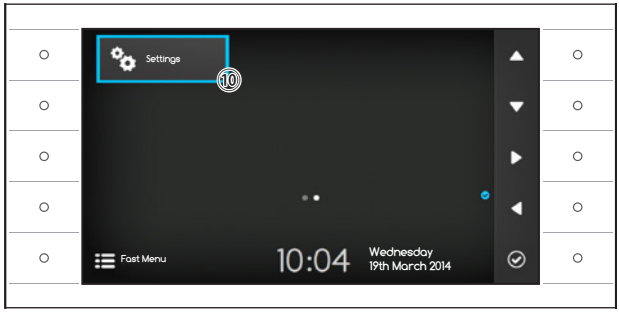
Browsing in the interface

Note: The appearance of the home page may vary according to how the system or User interface is configured.

The area highlighted in blue on the display ⑥ indicates the element selected; use the buttons on the right of the receiver ⑦ to move the selection in the direction indicated by the arrows on the screen; once the desired element is highlighted, press button ⑧ to open the section connected to it.

The function of buttons ⑨ located on the left of the screen varies depending on what is shown on the screen.

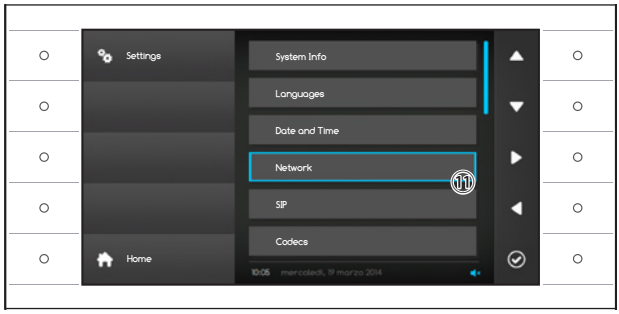
Note: active buttons are highlighted by the blue LED coming on.



Receiver settings

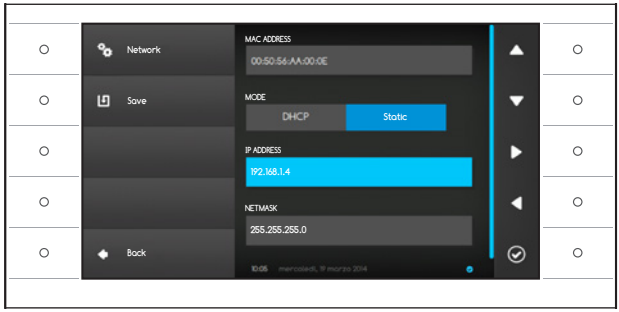
Use the buttons on the side of the receiver to move the selection until you get to page 2 of the home page.

Select the button to access the device's setting options ⑩ and press the button next to the ✓ icon.



Select the section called "**Network**" ⑪ and press the button next to the ✓ icon.

Note: some sections of the menu require the installer password to be entered before they can be changed. The default password is "112233".



The "Network" menu

Note: to fill in the selected field, press the button next to icon ✓ and use the keyboard that appears.

MAC ADDRESS: The Mac address of the device cannot be changed.

MODE: Lets you choose the type of address from:

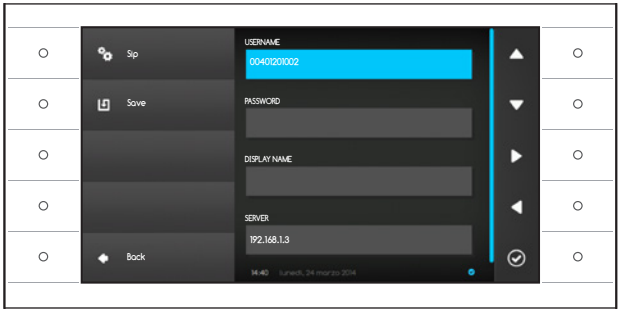
DHCP: The IP address of the device is assigned by the DHCP server.

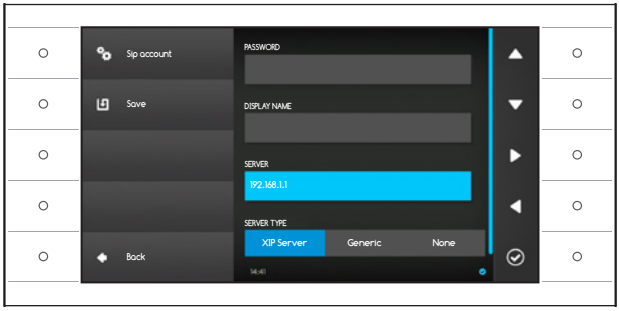
Static: The IP address of the device is manually assigned.

IP ADDRESS: If you have chosen to use a static IP, enter the device's IP address in this space.
The address must belong to the same subnet as the router and the other devices connected; the default address is "192.168.1.4".
NETMASK: Indicate the subnet mask (if different from the default setting).
GATEWAY: Should it be necessary to route data traffic towards other subnets, you can indicate a gateway in the relevant space.

Once all the necessary data have been entered, save the setting by pressing the button next to the icon.
Press the button next to icon to access the list of options that can be set.

From the list select the section of the menu dedicated to the SIP and press the button next to the ✓ icon.





The SIP menu

Note: to fill in the selected field, press the button next to icon and use the keyboard that appears.

USERNAME: In this space enter the "**SIP User Name**" assigned to the device by PCS Xip.

PASSWORD (absent by default): In this space enter the password assigned in the Xip receiver credentials in the server setup window.

DISPLAY NAME (option available only for systems without XIP Servers): In this space enter the name that you want to give to the device.

SERVER: In this space enter the server's IP address.
Default IP addresses of CAME servers:
ETI/MiniSER Xip - 192.168.0.3 (port 0) - 192.168.1.3 (port 1)
ETI/SER Xip, 192.168.1.1

SERVER TYPE: Choose the type of server the device is connected to from:

XIP Server: CAME server

Generic: non-CAME server

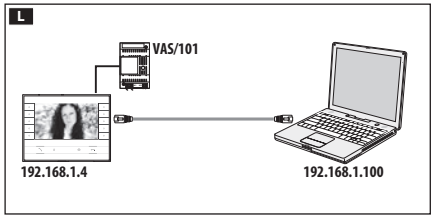
None: if no server is present

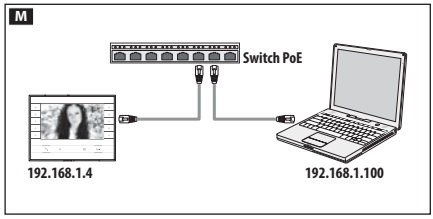
Once all the necessary data have been entered, save the setting by pressing the button next to the icon.

Press the button next to icon to access the list of options that can be set.

If all the operations have been carried out correctly and if the SIP server is on, the icon will be visible on the home page and on all the pages it features on, which indicates that the device has been registered with the server.

The lists of the entry panels and receivers present on the network, which the device can communicate with, will be populated automatically by the server.



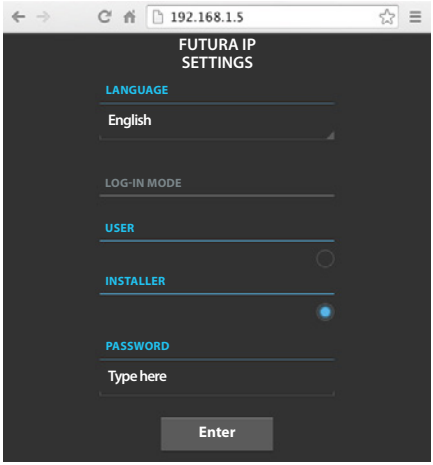


CONFIGURATION AND COMMISSIONING VIA THE WEB INTERFACE

Configuring the device can also be carried out via the WEB interface; to do this it is necessary to assign to your PC an address belonging to the same subnet as the device.

If the device is powered locally, it is possible to connect it directly to your PC, via a LAN cable **L**.

If the device is powered by PoE switch, the connection diagram is as shown in figure **M**.

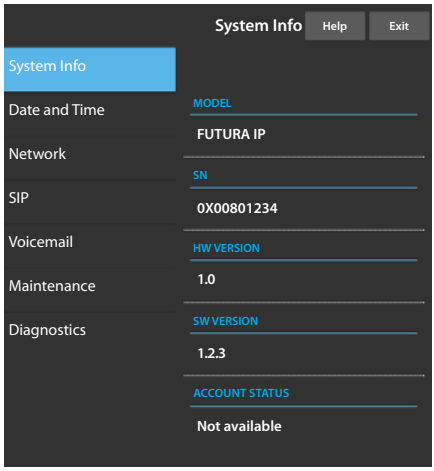


Access the settings web page by entering the address of the device that you wish to configure in the address bar of your browser (Chrome, Firefox, Safari).

Select the "**INSTALLER**" access option and enter the password, by default "**112233**", to access the settings windows.

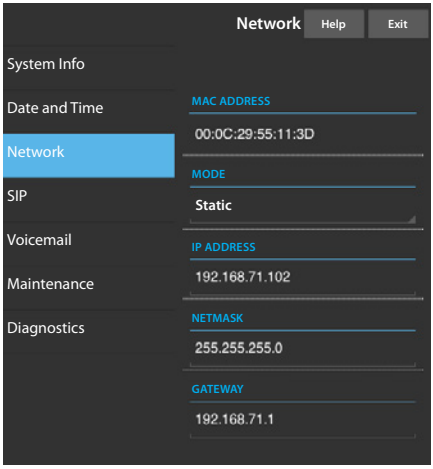
Note: Access with the "User" credentials (default password 123456) only lets you consult the following pages, with the exception of operations relating to updating firmware which can also be carried out by the User.

Note: There is no scroll bar on the right on the settings web pages. To scroll through the web pages, press and hold down the right-hand mouse button and drag. On a smartphone or tablet drag your finger across the screen:



System information

This window gives technical information that is useful for identifying the device's characteristics, the hardware and software version, and the SIP account status.



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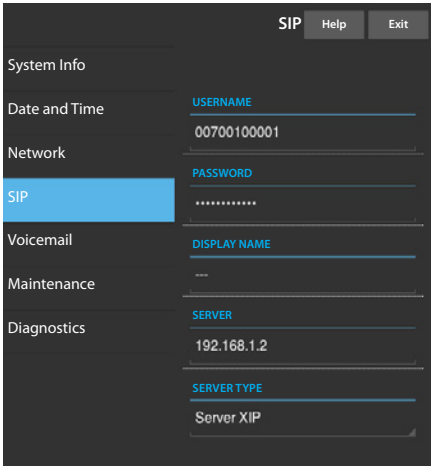
NETMASK: Indicate the subnet mask (if different from the default setting).

GATEWAY: Should it be necessary to route data traffic towards other subnets, you can indicate a gateway in the relevant space.

To save the changes made or reload the previous data, press the relevant button that will appear at the bottom of the page.



To save the changes made or reload the previous data, press the relevant button that will appear at the bottom of the page.

Select the section called SIP from the list.

SIP

USERNAME: In this space enter the "**SIP User Name**" assigned to the device by PCS Xip.

PASSWORD (absent by default): In this space enter the password assigned in the Xip receiver credentials in the server setup window.

DISPLAY NAME (option available only for systems without XIP Servers): In this space enter the name that you want to give to the device.

SERVER: In this space enter the server's IP address.
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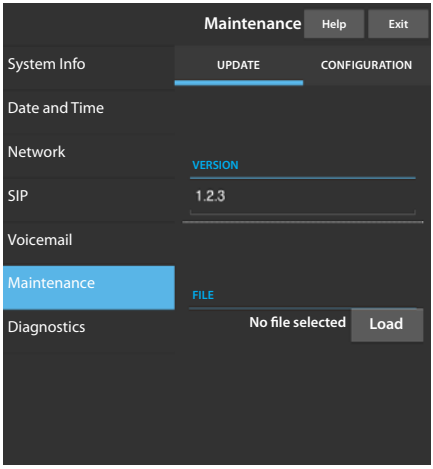


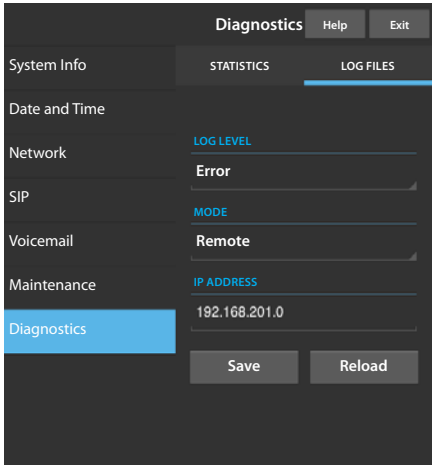
If all the operations have been carried out correctly and if the SIP server is on, the icon will be visible on the receiver's home page and on all the pages it features on, which indicates that the device has been registered with the server.

The lists of the entry panels and receivers present on the network, which the device can communicate with, will be populated automatically by the server.

Maintenance

Through this window you can update the device's firmware by proceeding as follows:

Press the "Charge" button, select the file containing the firmware update in your computer, and start up the process.



Diagnostics

STATISTICS

This section brings together statistical data on the operation of the device.

LOG FILES

This section lets you generate files containing data of use to technical service in identifying the causes of any possible problems.

LOG LEVEL: lets you choose the accuracy and type of LOG files to collect.

MODE: lets you choose where to save the LOG files from:

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! capacity is limited)

Remote: the file is saved on a remote server

IP ADDRESS: give the IP address of the remote server in this space.

FC - This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

This product complies with the relevant directives in force.

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 AND INFORMATION SHOWN IN THIS MANUAL ARE TO BE CONSIDERED AS SUBJECT TO CHANGE AT ANY TIME AND WITHOUT THE NEED FOR ANY ADVANCE WARNING. MEASUREMENTS, UNLESS OTHERWISE INDICATED, ARE IN MILLIMETRES.

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