



CE-ART 7/G+

12379703

INSTALLER MANUAL



INDEX

1. Safety cautions and warnings.....	3
2. Specifications	3
3. Guard unit description	3
3.1. Front side.....	3
3.2. Back side.....	4
3.3. Jumper description	4
3.4. Installation	4
4. Initial configuration	5
5. Initial alternative configuration through web client.....	6
6. Settings.....	7
6.1. Address	8
6.2. Privacy.....	8
6.3. Guard camera	8
6.4. Devices	9
6.5. SIP	9
6.6. Password.....	9

1. SAFETY CAUTIONS AND WARNINGS

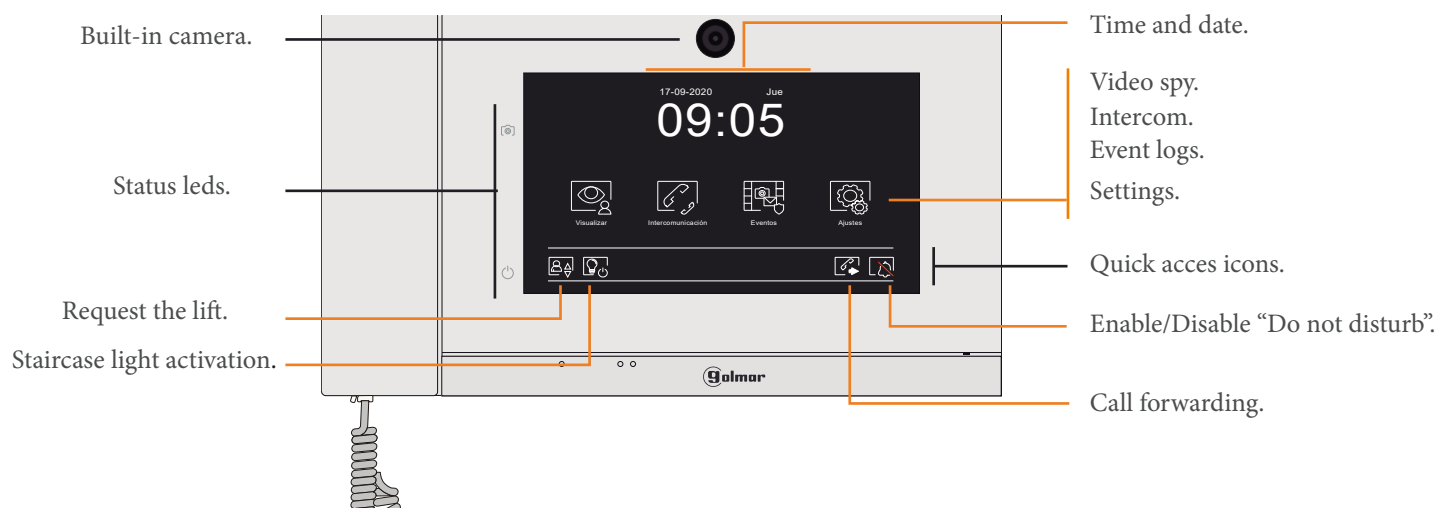
- The installation and setup of this equipment must be done by an authorized installer.
- The current regulations oblige to protect the power supply by means of a thermal magnetic circuit breaker.
- All the installation conduits must distance at least 40 cm from any other installation.
- In regards of the power supply FA-G+:
 - Do not tight with excessive strength the screws of the terminal block at FA-G+ power supply.
 - Install the power supply in a dry and secure area, protected against water drops.
 - Avoid placing the power supply close to heating sources, humid or dusty areas.
 - Do not cover the power supply ventilation openings area to assure air flow circulation.
 - To prevent damages, the power supply has to be strongly mounted. Use a DIN rail 46277 (8 DIN) to fix it.
 - To avoid an Electrical shock, do not remove the protection cover and do not manipulate the cables connected to the power terminals.

2. SPECIFICATIONS

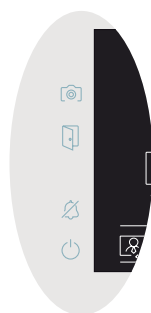
- Guard unit for TCP/IP video intercom systems with IP G+ technology..
- Installation over existing ethernet network (D4L-G+/POE are required).
- Locally powered at 12V with category 5 or higher UTP wire dor data or via PoE at 18V.
- Outpu for auxiliary sounder.
- Input for a call pushbutton.
- 7" capacitive touch screen.
- Image memory and call list.
- Call other monitors or guard units.
- High efficiency speakers.
- Messaging service for short text messages and broadcast messages for emergencies.
- Video spy function of door panels and CCTV IP cameras.
- Direct door opening button.
- Connection through RJ-45 connector.
- Up to 9 guard units for each block and 19 general guard units for each installation.

3. GUARD UNIT DESCRIPTION

3.1. Front side



STATUS LEDS:

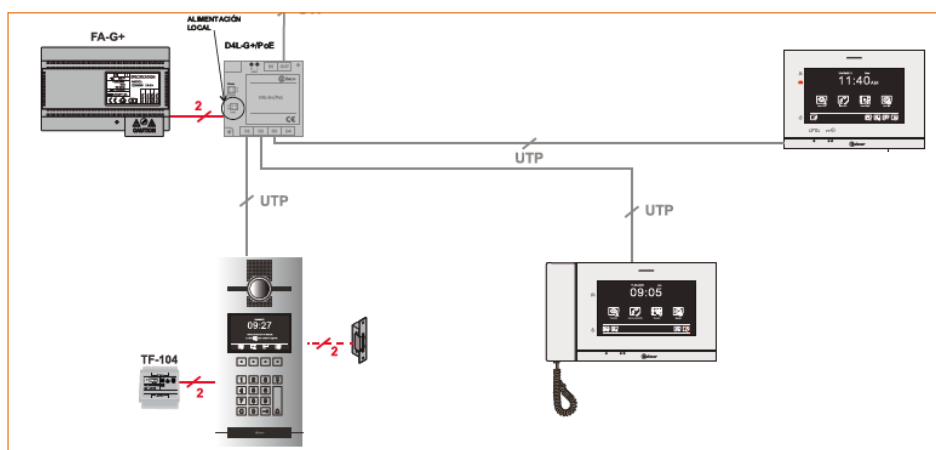
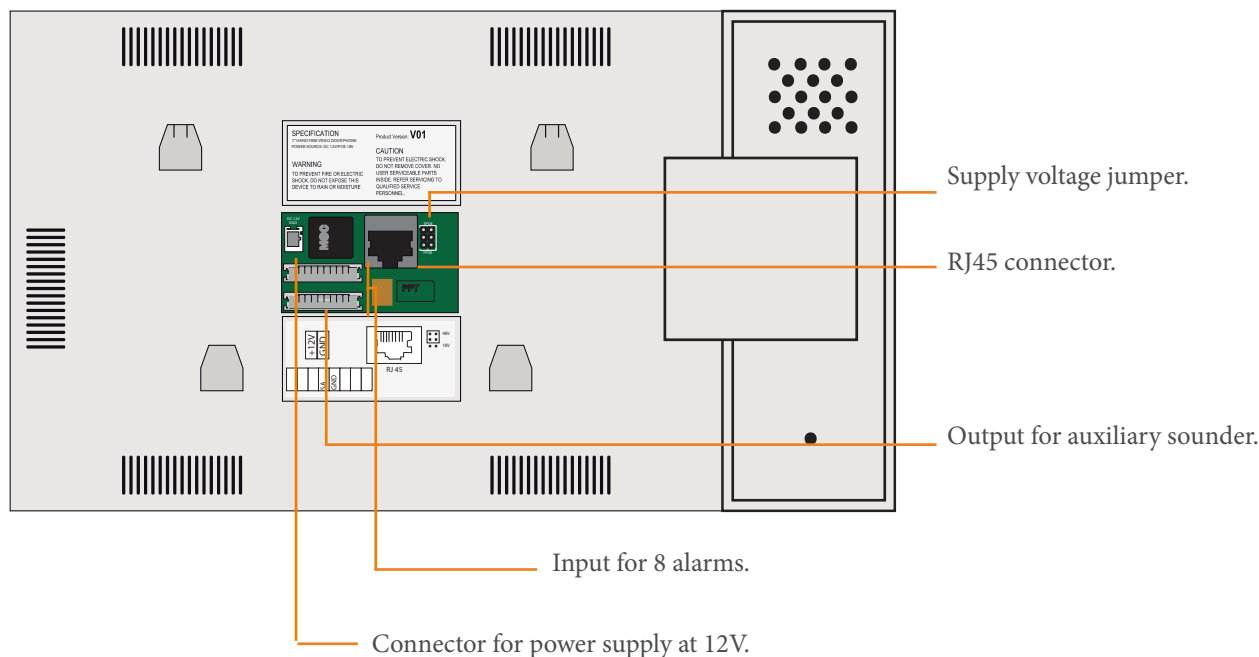


- Events to be reviewed.
- Doctor mode activated (blinking led).
Open door activated (fixed led).
- Do not disturb mode activated.
- Power on indicator.

QUICK ACCESS ICONS:

Icons at the bottom row of the screen are shortcuts. To be able to use them, the corresponding function must be activated and in some cases must have an additional element.

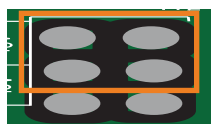
3.2. Back side



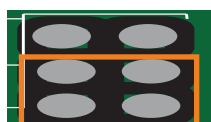
See an installation as an example where there are connected to each other a 6502/G+ coded panel, an ART 7/G+ monitor and a CE-ART7/G+ guard unit. As you can see, the guard unit is connected to one of the D4L-G+ distributor output so that it is not necessary to connect it to an external power supply.

3.4. Jumper description

Jumper allows to select which voltage range supplies the device, as is not the same voltage when the device is connected to a D4L-G+/PoE switch output than if it is connected to a 48V PoE standard switch.



- Position 48 (default).
Device is ready to receive 48V standard PoE.



- Position 18.
Device is ready to receive 18V from a D4L-G+/PoE switch.

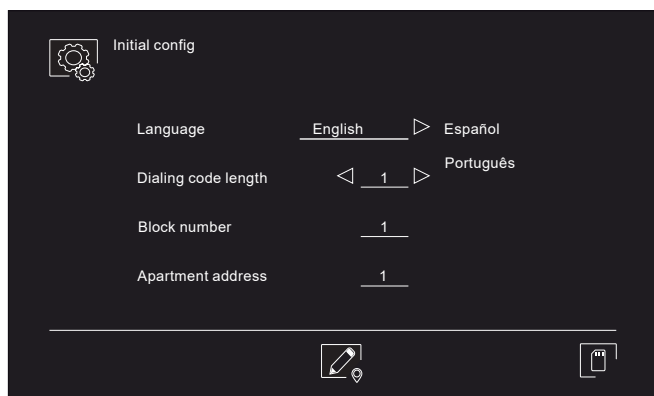
3.4. Installation

The guard unit is a device that is easy to install and program, it does not require a computer or specific knowledge about networks to set it up. First, we must connect the guard unit to the network connecting it to an output of the D4L-G+/PoE, after a DCS/G+ if the network topology is a daisy-chain or an own power supply at 12Vcc. Remember that, when connecting to a power supply, you must connect the guard unit to an UP-LINK output of the switch so that is connected to the network.

Once completed the network connection, it will start automatically and the initial configuration screen will appear.

4. INITIAL CONFIGURATION

Once the guard unit is installed, you will do its initial configuration. As mentioned above, this device does not require of a computer or specific knowledge about networks for its installation and further programming. When you have connected the device to the network, this will turn on automatically and the “Initial configuration” screen will appear. The following shows how to do the initial configuration of the guard unit:

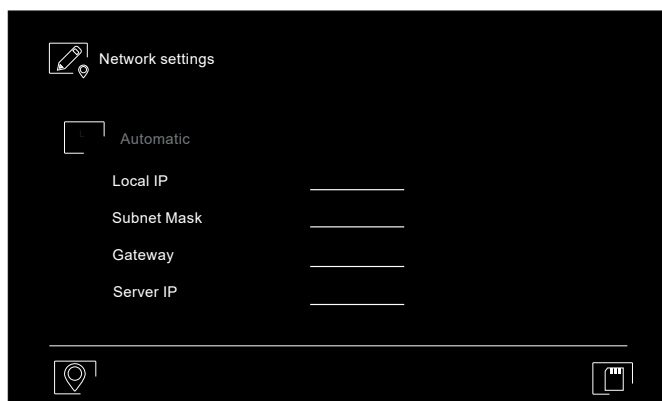



On this screen, you must configure the guard unit by setting up the:

- **Language:** You will be able to choose between Spanish, English and Portuguese.
- **Dialing code length:** 5 or 6 depending if a distinction is to be made as to floor number.
- **Block number:** Number of block in which the guard unit is located. If it is a **general guard unit**, you must set the block number as **99**.
- **Apartment address:** Guard units have reserved addresses from **851** until **859** for each block. In case of a **general guard unit**, the reserved addresses go from **901** to **919**.

Once you have entered the desired parameters, press the “save” icon. The guard unit will be configured and it will reboot. The system will assign it a default IP address.

In the case of the user wants to set a determined IP address, press the icon  and the next screen will appear:



Then, having enabled the manual entering pressing , you must fill in the fields with the corresponding data:

- **Local IP:** Ip address which you want to assign to the guard unit.
- **Subnet mask:** Guard unit subnet mask.
- **Gateway:** Determined gateway address.
- **IP Server:** Server IP address. Remember that in the installation, the master panel or management panel is which do the server functions. Therefore, we will enter the **management panel IP address** of the installation in this field.

Once entered all required data, press  to save the configuration. The guard unit will reboot.

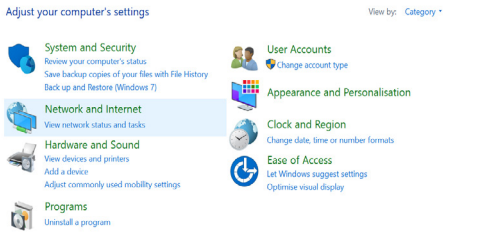
5. INITIAL ALTERNATIVE CONFIGURATION THROUGH WEB CLIENT

The guard unit also allows to do its initial configuration through the Web Client. For this, we need a computer and be able to connect to the network where is connected the guard unit.

The steps to follow are described below:

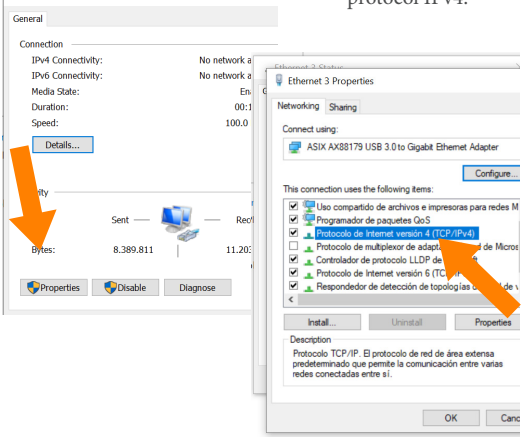
First, make sure your computer is in the same IP range as the server. For this, follow the next steps:

1 Go to network settings in control panel.

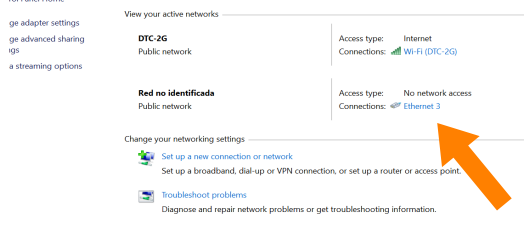


→

3 Enter into "properties".

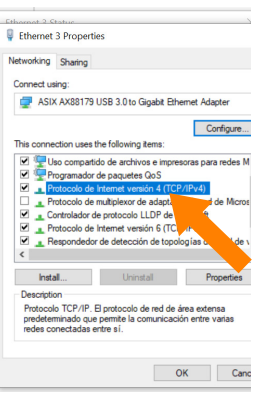


2 Change the active Ethernet network.



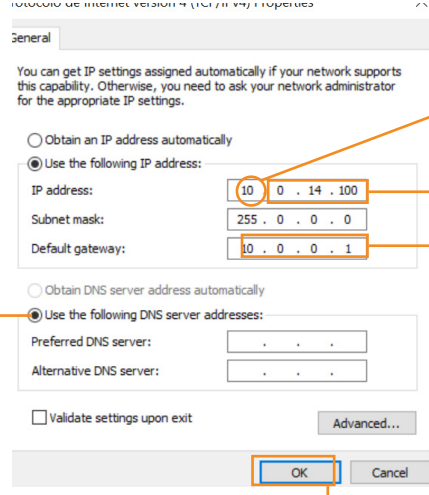
→

4 Select Internet protocol IPv4.



→

5 Set the IP range.

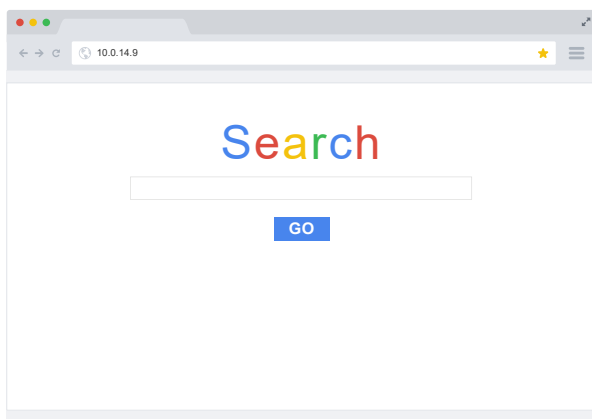


Annotations for Step 5:

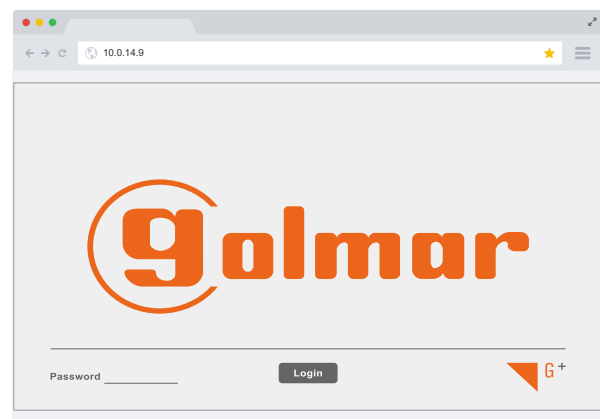
- IP address should start: 10
- Next three numbers should have a value lower than: 0, 14, 100
- Assign 10.0.0.1 as Gateway: 10
- Do not assign DNS: (unchecked box)
- Confirm settings: OK

In this moment the computer is configured to work in the same IP range as the guard unit.
Only will left::

Type the IP in the web browser: **factory IP 10.0.0.254**



Access the Web Client:



The password to access is 888999.

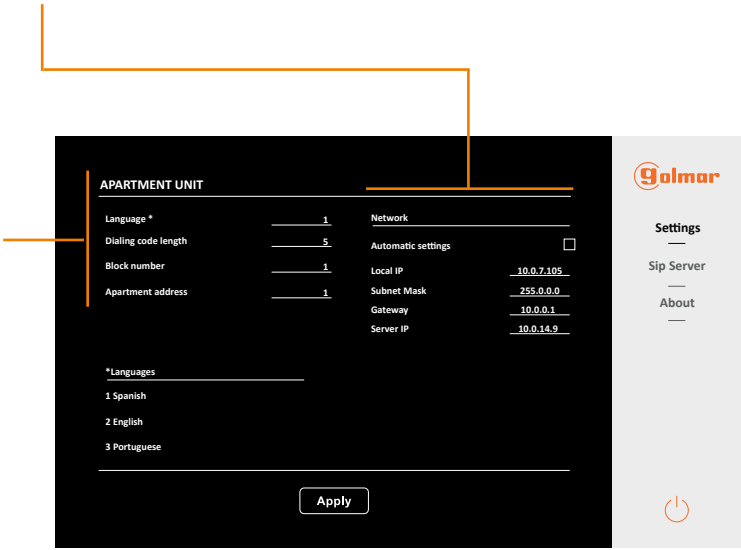
To do the initial configuration in this way, it should do one by one as devices are connected to the network. Since all devices in the G+ range have the same factory IP address..

Once you have accessed the guard unit Web Client, a screen will appear in which you will be able to configure the device.

On the right side of the screen, it appear the fields related to the IP addresses. You can manually assign the IP address to the guard unit in the same way as describe before.

On the left hand of the screen, you can fill in the fields related to:

- **Language:** You can choose between Spanish, English and Portuguese.
- **Dialing code length:** 5 or 6 depending if a distinction is to be made as to floor number.
- **Block number:** Number of block in which the guard unit is located. If it is a general guard unit you must set the block number as 99.
- **Apartment address:** Guard units have reserved addresses from **851** until **859** for each block. In case of a **general guard unit**, the reserved addresses go from **901** to **919**.



To end the configuration, press the “Apply” button to save the parameters set. The guard unit will reboot and the initial configuration will be done.

6. SETTINGS

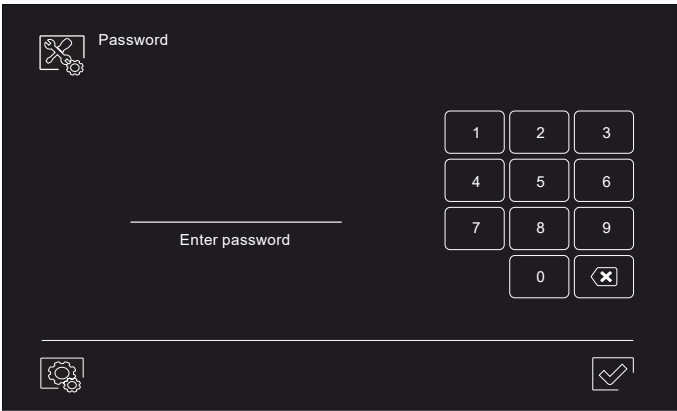


Settings.
The settings section provides the following options:



In this manual we will focus on the “System” settings as the other sections are described in the user manual of the CE-ART 7/G+ guard unit.

First of all, to access the system settings section it is necessary to enter a password.



The factory default password is **2718**.

NOTE: For more information about the guard unit settings, visit the user manual.

Once you have entered the password, a screen with the various sections of the system settings will appear. The characteristics of the different sections are described below:

• 6.1. Address



In the **“Address”** section, you will be able to change the guard unit address and the IP address if you do not want the system to automatically assign an IP address to the guard unit.

Once you have changed the fields, save the new configuration, the device will reboot.

• 6.2. Privacy



When access the **“Privacy”** section, it will appear a screen that allows the user to give permissions to the guard unit such as:

- Allow the preview of video sources.
- Do an automatic snapshot when somebody calls the guard unit from the panel.
- Enable the automatic erasure of images after the predetermined period of time has elapsed.
- Allow the guard unit to delete the alarm notifications.
- Allow outgoing calls from the guard unit.

• 6.3. Camera



When access the **“Camera”** section, you will be able to choose from which camera the user will see the guard when both intercommunicate. You will be able to use the **built-in camera** of the guard or an **external camera**. In this second case, you must indicate which is its IP address, user and password previously created in the camera own Webserver.

NOTE: The external camera IP address that you want to associate must be in the same IP range as the IP addresses of the system.

The following, shows how to modify the default IP address of the camera to be in the same IP range as the system and which substream configuration must have:

The system allows to add Golmar cameras with the following specific characteristics:

- ONVIF interface protocol.
- H.264 video codec standard, supporting “baseline” mode

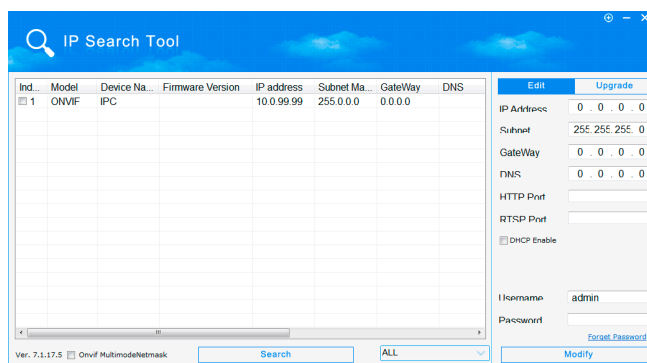
(*) Golmar does not guarantee the compatibility of cameras from other manufacturers.

Steps to follow:

1 - Connect the camera to the system:

2 - How to get the camera IP address:

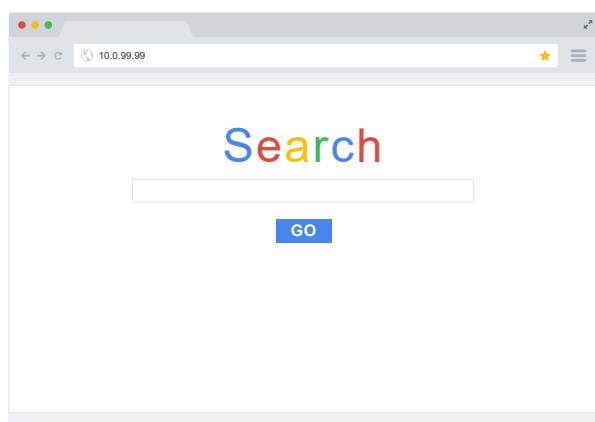
You can normally find the default IP address assigned to the IP camera on its manual. In case it is not specified you can search and find the IP address using a software like “IP Search Tool”:



3 - Accessing the setup page of the camera:

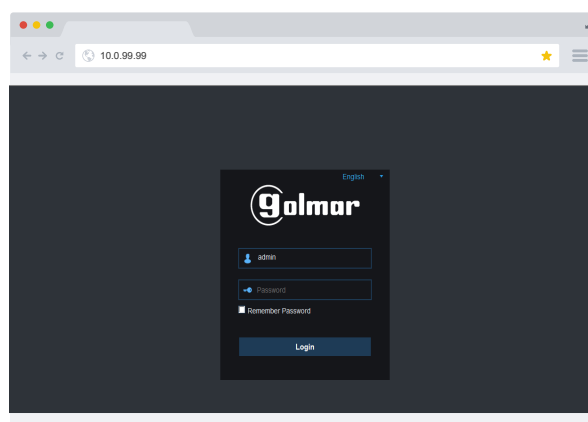
Once the IP address of the IP Camera is known and the computer is in the same IP range to be able to communicate with the camera, we can access the web client of the camera by typing its IP address in a web-browser. This is a similar process as described at the beginning of this guide

Type-in the camera IP address in the web-browser:



(*) If the camera used is a Golmar camera, use the Internet Explorer web-browser.

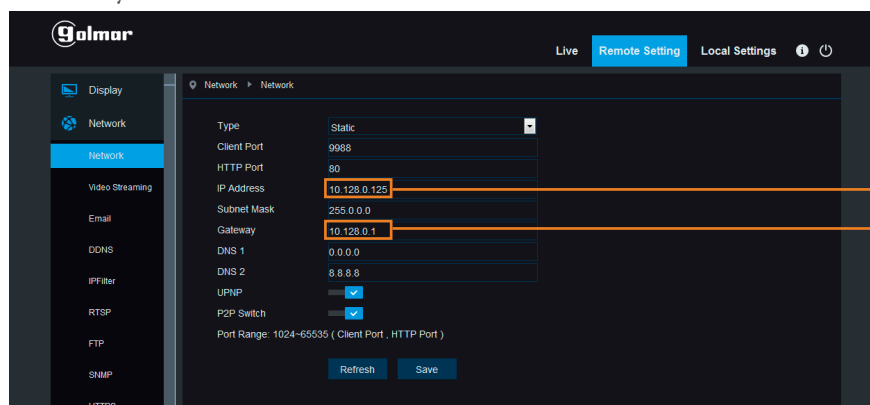
Log-in into the camera web client:



The default username and password are User: admin, Password: admin

(*) Check which are the login details of your camera.

4 - Modify the IP address:

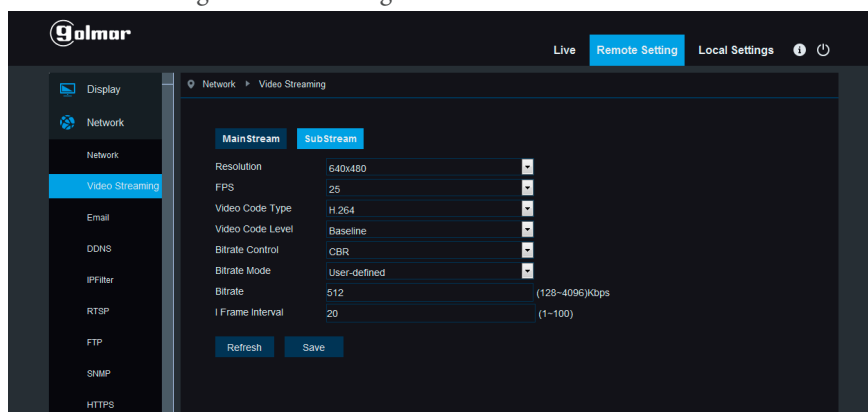


The IP address of the camera should be modified with a value between 10.128.XX.XX to 10.254.XX.XX

The Gateway address should be 10.128.0.1

If the IP configuration of the system is automatic, use this recommended parameters. If the IP of the cameras are given in another range, you can set the IP of the system in manual mode.

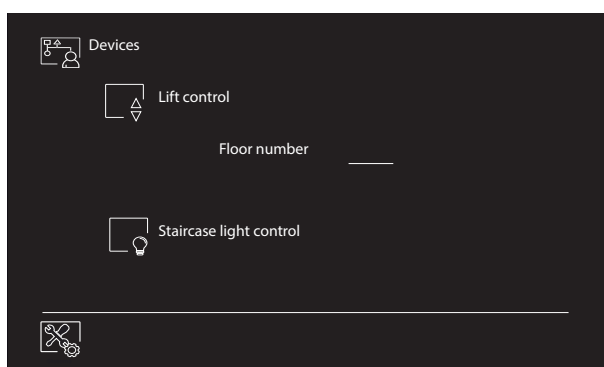
5 - Set the following substream configuration:



Configuration	Selection to mark
Resolution	640 x 480 (máx)
FPS	25
Compression	H.264
Type codification	Baseline
Type of Bit Rate	CBR
Bit Rate	512
I frame interval	20ms

NOTE: It is possible that the web-browser requests to install plugins, accept and install them. Then reload the browser. If you change the login details, you should keep those safe as they are necessary to register the camera into the system.

6.4. Devices



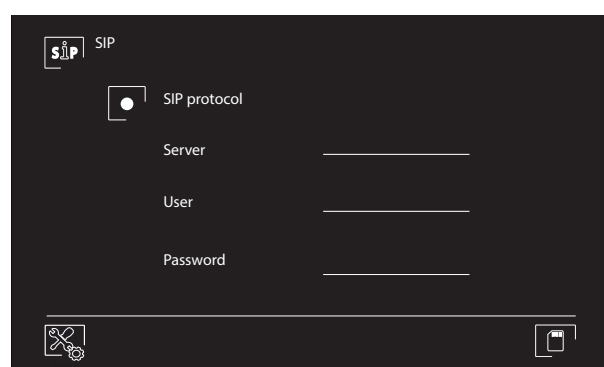
To give permissions to the guard unit over the lift control and the staircase light, you must access the **“Devices”** section.

If you allow the guard unit to call the lift, you must enter the floor number where the guard unit is located.

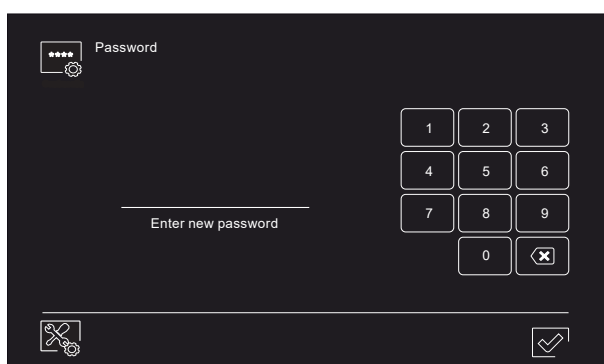
6.5. SIP



The guard unit allows to be registered in a VoIP telephone switchboard accessing the **“SIP”** section. For this, you must first have created an extension for the guard unit in the web server of the PABX. Finally, enter in this screen the server name, user and password previously created.



6.6. Password



You will access the **“Password”** section to change the access password to the system settings which by default is **2718**. The screen will request you to enter the new desired password, and after entering it, will request you to enter it again. Every time you enter the new password press validate.

NOTE: The new password must have **4 digits long**, it cannot be **4 consecutive numbers or the same number 4 times**.

NOTES



C/ Silici 13. Poligon Industrial Famadas
08940 – Cornellà del Llobregat – Spain
golmar@golmar.es
Telf: 934 800 696
www.golmar.es



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