

For the physical installation of the equipment avoid: closed place (ensure air intake for heat dissipation), direct sunlight, sources of liquids, bumps or falls. Ensure correct electrical installation in order to avoid damage to equipment and people.

1.- Hard Drive Installation

It should be taken into account that for the PVoC to be able to record the different cameras, a Hard Disk (not supplied) must be installed inside. This Disk must be of the SATA type.

To install the hard drive, follow these steps:

- a.- Remove the top cover of the PVoC.
- b.- Inside you will find the power and data cables that will be connected to the Hard Drive. Connect the terminals in the corresponding places on the Disc.
- c.- Fix the Hard Disk to the PVoC on the holes provided for this purpose.
- d.- Place the upper cover and the corresponding screws.

2.- USB Mouse connection

This PVoC is prepared to be operated with a USB mouse (supplied with the equipment).

3.- Screen Connection

To be able to view locally, it is necessary to have a Screen, which can be connected via VGA output (standard PC monitor) or HDMI output (LCD TV, LED, etc.)

VGA / HDMI Screen Installation.

- a.- Connect the VGA / HDMI cable of your Display to the corresponding output of the PVoC.
- b.- Connect your Screen and the PVoC to the electrical current.

4.- Connection of the analog cameras

The PVoC supports analog cameras that can be connected using the PVoC system.

- a.- Connect your cameras to a UTP cable with an RJ45 connector.
- b.- Connect the other end of the cable with RJ45 terminal to the PVoC unit.

NOTE: Please use Standard T-568A or T-568B in the assembly of the pins on the RJ45 jack. Remember that in this system, the video and the power supply of the camera are transmitted through the same cable and connection, therefore, in order to comply with the maximum distances, the Standard must be respected.

5.- Network connection:

PVoC enables complete network management.

Network installation.

- a.- Connect the Network cable (Patch cord) to the PVoC network terminal.
- b.- By default the PVoC is configured by DHCP, TCP ports: "HTTP: 80", "Data: 3333", "Mobile: 3334". In the absence of a DHCP server, the default IP address is: 192.168.1.250.

6.- Grounding the system. "Note: Grounding ensures proper PVoC operation, prevents damage to equipment and people due to electric shock, and is vital for its warranty."

The PVoC must be grounded as a safety condition. Connect the ground terminal of the PVoC to the ground of your electrical installation, as well as the power supply of the cameras.

7.- Turning on the system

Connect the PVoC power supply to the "DC 48V" connector and the power cord to a 110 / 220v power outlet.

Check that all PVoC connections are properly connected. Turn it on, connecting the power supply to the PVoC and to the mains.

To make it easier to use the PVoC, use the supplied USB mouse.

Bear in mind that this equipment only supports cameras with PVoC technology.

1.- Start of PVoC:

Once the PVoC is turned on, the loading screen will be displayed, while doing so it will perform a function check and detection of connected hardware. When you finish checking the entire system, you can view the cameras and enter the menu.

2.- Viewing the cameras:

- When the system starts, a window division is shown in which it will present the cameras connected to the different video inputs of the PVoC.
- To switch one of the cameras to full screen, simply double left click with the mouse on the desired camera, in case you want to return to the division view, double left click anywhere.

3.- Accessing the menu:

- "To access the PVoC menu, you must log in to it." To log in, press the right button of the mouse, select "Main Menu", the default user is "admin" and its password is "if" confirm by pressing "OK", a window will open to "Change Password". (For security of access to your computer, Siera recommends changing the default password of the "admin" user, for a personal one. The password must be 4 to 8 characters, with letters and at least one number). If you do not want to make the change at this time, to continue, click on "Cancel" and the PVoC menu will be displayed.

4.- Program Recording mode:

- "The PVoC will allow you to have several recording modes per camera, day and event." Access the "Main Menu", go to "Recording", "Recording" icon, select the desired channel eg (Channel 1), select the desired day or every day, program any of the periods at the desired time, select the mode of recording. If you need it, you can do the same procedure with the other periods.

5.- (Modos de Grabación):

Normal: Records "continuously" all the time programmed in the selected "Period". Detects when movement is detected in the image (changes in light and movement of objects are considered as "Detection").

Alarm: Records when one of the alarm inputs is activated.

Example of channel 1 configuration to record by motion detection 24 hours a day: Channel 1_Every day From 00:00 to 23:59_Detec (Motion detection) With this configuration, camera 1 will record every time it detects movement every day 24 hours. This configuration can be copied to the other cameras, bear in mind that motion detection must be enabled in the "Alarm", "Detect Configuration" menu so that when motion is detected, it is recorded on the hard disk.

Manual recording: To record manually, press the right button of the mouse and select "Recording Mode" in the menu, mark in "Manual" the channels you want to record. To stop manual recording, do the same procedure, but unchecking the corresponding boxes.

6.- View Recordings:

- "The PVoC will allow you a simple search of the recordings made in it."

- 1.- To search for a recording, press the right button of the mouse, select "Play", a window will be displayed with the division of the video channels.
- 2.- Select: Date, Channels to display (lower right corner), Recording type: All, Normal, Alarm, Manual.
- 3.- The hourly graph will show the available recordings with the corresponding color. To reproduce any of them, just left click on the desired hour on the graph. During playback you can use the buttons "Pause", "Fast Forward", "Slow Forward", "Frame by Frame", "Time Skip", "Stop", "Full Screen".

7.- Backup by USB port:

- "The PVoC will allow you to backup your video files to a removable USB drive." Backup procedure to USB drive. Go to the recording playback screen (detailed in the previous point) and search for the desired recording.

- 1.- Press the "File List" button located below the channel selection. A list with the recordings will be displayed.
- 2.- Mark the event that you want to support.
- 3.- Insert USB drive in a free port.
- 4.- Press the "Backup" button located to the left of the "File List" button and in the window that will open press the "Backup" button, select "AVI" in "Format" and press "Start" wait for the system finish backing up, then remove the USB drive at any time.

Correct Installation of CCTV System

