

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

1. - HDD Installation.

It must be taken into account that in order for the HVR to record the different cameras, a HDD (not supplied) must be installed inside it. This disk must be of the SATA type. .

For the installation of the HDD follow these steps:

- a. - Remove the top cover from the HVR.
- b. - Inside you will find the power and data cables that will be connected to the HDD. Connect the terminals in the corresponding places of the Disk.
- c. - Fix the HDD to the HVR on the holes planned for this purpose.
- d. - Install the top cover and the corresponding screws.

2. - USB Mouse Connection.

This HVR is ready to operate with a USB mouse (supplied with the equipment).

3. - Monitor Connection.

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

VGA / HDMI Monitor Installation.

- a. - Connect the VGA / HDMI cable from your Monitor to the corresponding output of the HVR.
- b. - Connect your Monitor and HVR to power.

4. - Analog cameras connection.

The HVR supports AHD / TVI / CVI or CVBS analog cameras.

- a. - Connect your cameras to the corresponding BNC inputs.
- b. - Connect your cameras to their corresponding power supply.
- c. - Connect the ground terminal of the HVR and the source of the cameras to the same ground point of the electrical installation. See attached diagram as example.

5. - Network connection.

HVR enables complete network management.

Network installation.

- a. - Connect the Network cable (Patch cord) to the network terminal of the HVR.
- b. - By default the DVR is by DHCP, TCP Ports: "HTTP: 80", "Data: 3333", "Mobile: 3334".

6. - System grounding. "Note: Grounding ensures proper operation of the HVR, prevents damage to equipment and people from electric shock, and is vital to its warranty."

The HVR must have a ground connection as a safety condition. Connect the ground terminal of the HVR to the ground of your electrical installation, as well as the power supply of the cameras.

7. - Turning on the system.

Connect the HVR power supply to the "DC 12V" connector and the power cord to a power outlet.

Verify that all HVR connections are properly connected. Turn it on, connecting the power supply to the HVR and to the electrical network.

To make using the HVR easier, use the supplied USB mouse.

The HVR supports PAL and NTSC video systems. If you need to change the video system you can do it from the system setting.

Keep in mind that PAL cameras should never be mixed with NTSC since the system would present instability.

1. - Starting the HVR:

Once the HVR is turned on, the loading screen will be displayed, while doing so it will perform a functional 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 division of windows is displayed in which it will present the cameras connected to the different video inputs of the HVR.

-To go to full screen one of the cameras, simply double-click the mouse on the desired camera, in case you want to return to the split view, double-click anywhere.

3. - Accessing the menu: -"To access the HVR menu, you must log in to it."

To login, press the right mouse button, select "Main Menu", the default user is "admin" and your password is "siera" to confirm by pressing "OK", a window for "Password Change" will open. **(For security of access to your computer, Siera advises changing the default password of the "admin" user, for a personal one.** The password must be 4 to 8 characters long, 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 HVR menu will be displayed.

4. - Schedule recording mode: - "The HVR will allow you to have various recording modes per camera, day and event."

Access the "Main Menu", go to "Recording", "Recording" icon, select the desired channel e.g. (Channel 1), select the desired day or every day, program any of the periods at the desired time, select the mode of recording. In case you need it.

You can do the same procedure with the other periods.

5. - Recording Modes.

Normal: Records "continuously" all the time programmed in the selected "Period".

Detection: Records 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 configuration of channel 1 to record by motion detection 24 hours:

Channel 1_Every day From 00:00 to 23: 59_Detec (Motion detection).

With this setting, camera 1 will record every time it detects movement, every day 24 hours. This setting can be copied to the other cameras, bear in mind that motion detection must be enabled in the "Alarm", "Config Detect" menu so that when motion is detected it is recorded on the hard disk.

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

6. - Watch recordings: - "The HVR will allow you a simple search of the recordings made in it."

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

7. - USB Backup: - "The HVR 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. List of recordings will be displayed.
- 2. - Mark the event you want to support.
- 3. - Insert USB drive into 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 "Format" "AVI" and press "Start" wait for the system to finish making the backup, then remove the USB drive at any time.

Correct Installation of CCTV System

