DD1

INSTALLATION &

QUICK START GUIDE

Please read this manual carefully before operating the unit and keep it for further reference.

All specifications and design are subject to change without notice.

Important Safeguards and Warnings

1. Electrical safety

- All installation and operation here should conform to local electrical safety codes.
- This device requires PoE 803.3af or higher to function.
- Improper handling and/or installation could run the risk of fire or electrical shock.

2. Environment

- Heavy stress, violent vibration or exposure to water is not allowed during transportation, storage and installation.
- This product should be installed in a cool, dry place away from direct sunlight and heat sources.
- Do not install the product in extreme temperature conditions.
- Do not expose the camera to electromagnetic radiation or it may result in CMOS sensor failure.
- Do not block any ventilation openings.
- Do not allow water and liquid intrusion into the camera.

3. Operation and Daily Maintenance

- Please shut down the device and then unplug the power cable before you begin any maintenance work.
- Do not touch the CMOS sensor optic component. You can use a blower to clean the dust on the lens surface.
- Always use the dry soft cloth to clean the device. If there is too much dust, use a cloth dampened with a small quantity of neutral detergent. Finally use the dry cloth to clean the device.
- Please use a professional optical cleaning method to clean the enclosure. Improper enclosure cleaning (such as using cloth) may result in poor IR functionality and/or IR reflection.

Warning

- This camera should be installed by qualified personnel only.
- All the examination and repair work should be done by qualified personnel.
- Any unauthorized changes or modifications could void the warranty.

Statement

- This guide is for reference only.
- Product, manuals and specifications may be modified without prior notice. Speco Technologies reserves the right to modify these without notice and without incurring any obligation.
- Speco Technologies is not liable for any loss caused by improper operation.

Tools needed:

1 Phillips head screwdriver (not included)

4 mounting screws and anchors

Installation steps

1. Remove the 4 cover screws (figure 1)

figure 1

2. On the back of the cover, you will find a shunt and header pins. Use the shunt to set your desired audio broadcast (figure 2).
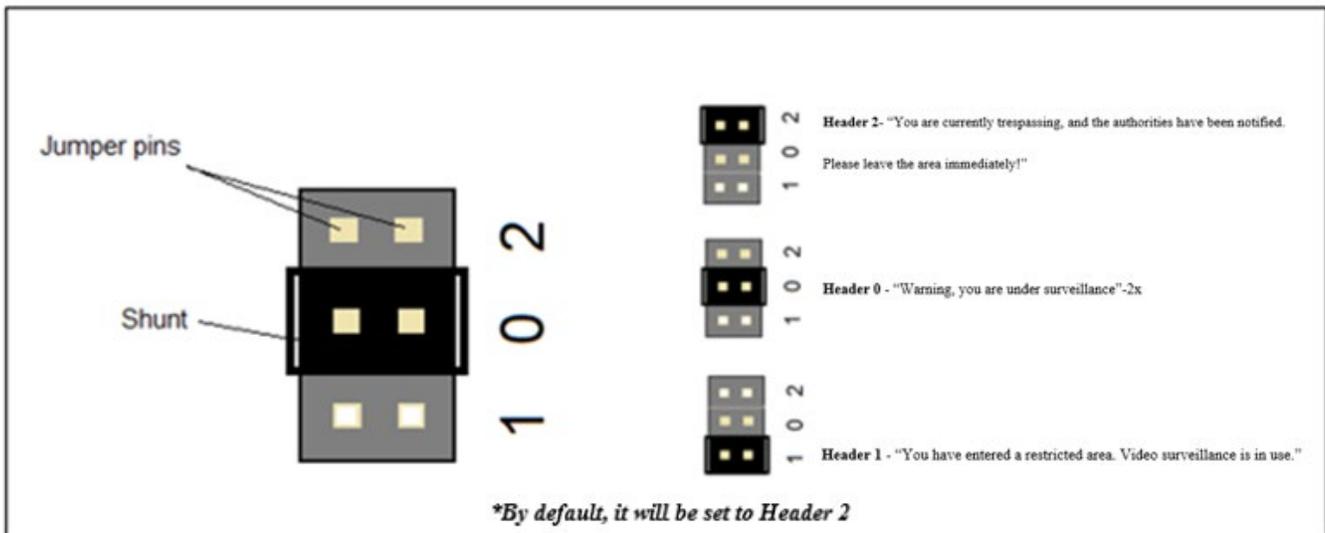

figure 2

Header 2- "You are currently trespassing, and the authorities have been notified. Please leave the area immediately!"
Header 0 - "Warning, you are under surveillance"-2x
Header 1 - "You have entered a restricted area. Video surveillance is in use."

3. Please ensure all connections inside the DD1 box are made:
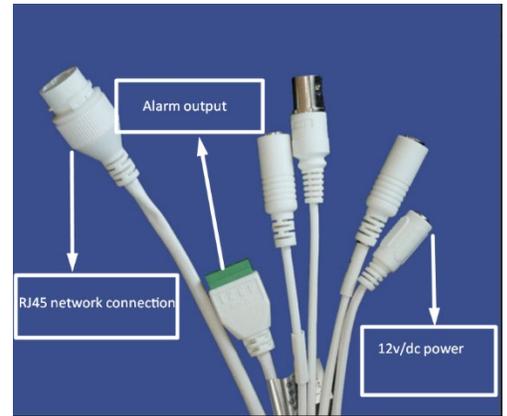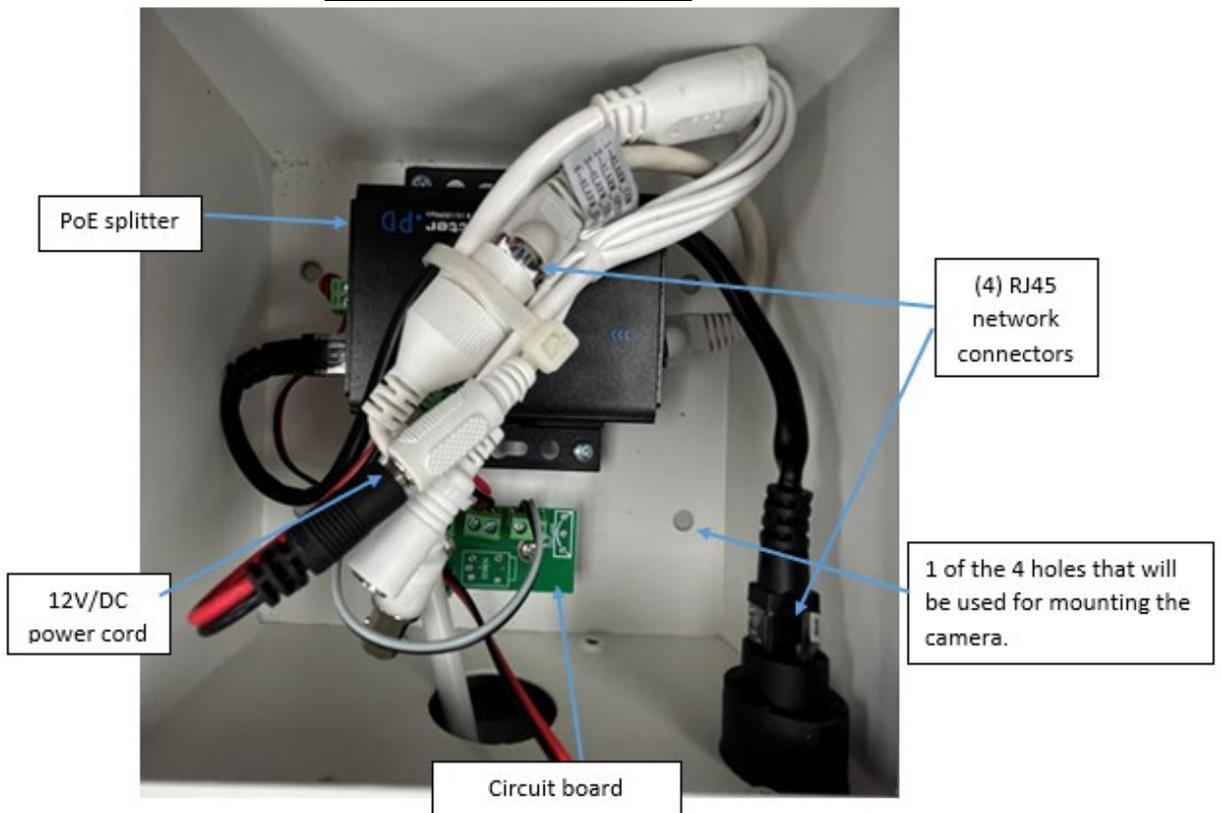   -RJ45 network connector
   -Alarm output cord
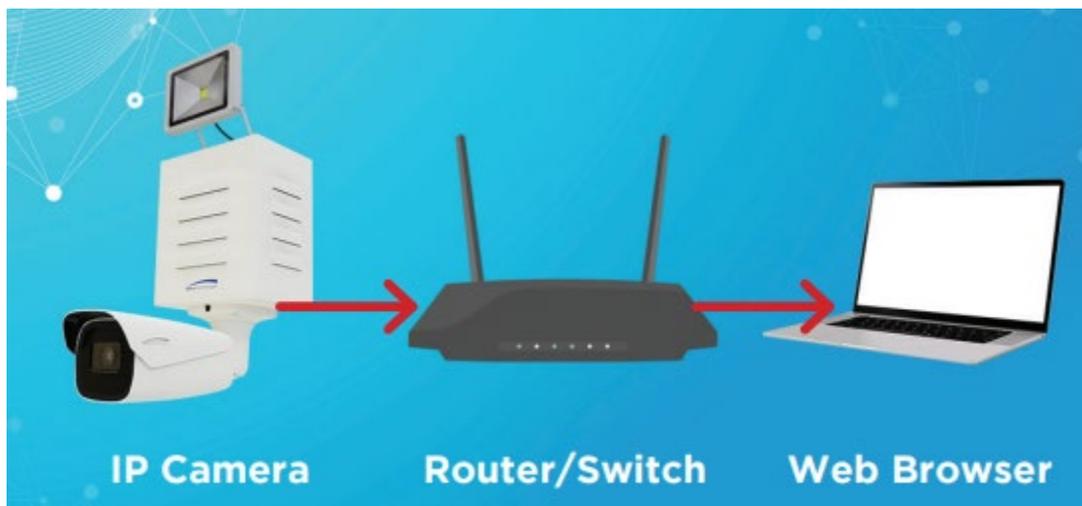   -12V/DC power cord

Diagram inside the DD1

4. When mounting the DD1, locate the mounting holes (**Please refer to the DD1 diagram if needed)**, and use the 4 mounting screws and anchors when mounting the camera to a surface. Screw the cover plate back on once the camera is mounted.

5. On the outside of the box please pull the rubber enclosure off, and you will see that it's an RJ45 connection on the box. Go ahead and plug a network cable into the RJ45 connection. Now the installation of the DD1 should be complete.

Operation

1) Once the camera is connected to a PoE source, you are now able to log into the camera through a web browser.

2) If you are having an issue connecting to the camera make sure the PC and the IP-camera are connected on the same local network. The camera is set to DHCP by default, and will be assigned an IP address by the DHCP server. Make sure that the local network has a DHCP server. Routers typically have a DHCP server built in. Install the IP scanner from the CD and run it after installation. The IP scanner tool for discovering the IP cameras on the local network.

Model numbers may vary.

3) In the device list, the IP address, model number, and MAC address of each device will be listed. Select the applicable device and double click to open the web viewer. You can also manually enter the IP address in the address bar of the web browser.

Default username is "admin" & default password is "1234"

Motion Detection (This will not be enabled by default)

-Go to Event Setup Motion Detection to set motion detection alarm.

1) Check "Enable" check box to activate motionbased alarms. If unchecked, the camera will not send out any signals to trigger motion-based recording to the NVR or CMS, even if there is motion in the video.
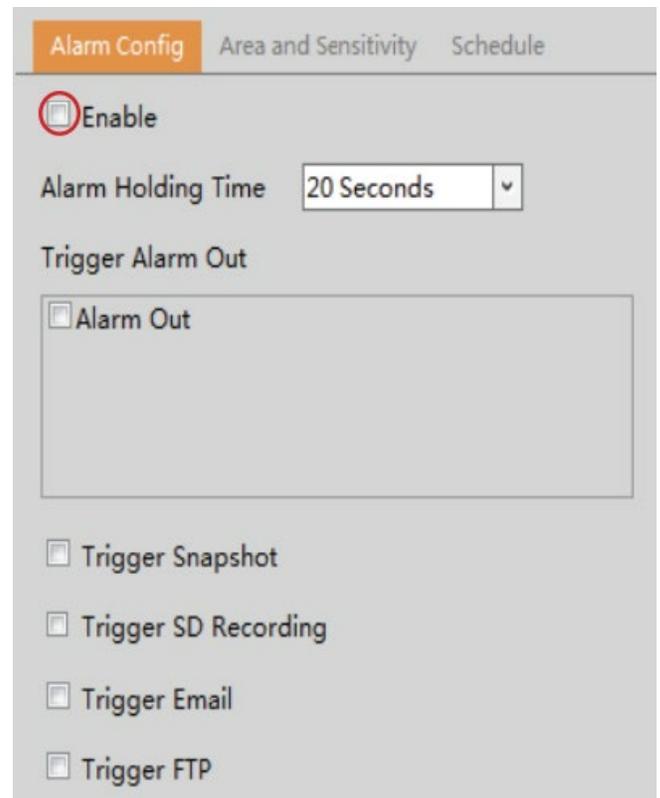
Trigger Snapshot: If selected, the system will capture images on motion detection and save the images on an SD card.

Trigger SD Recording: If selected, video will be recorded on an SD card on motion detection.
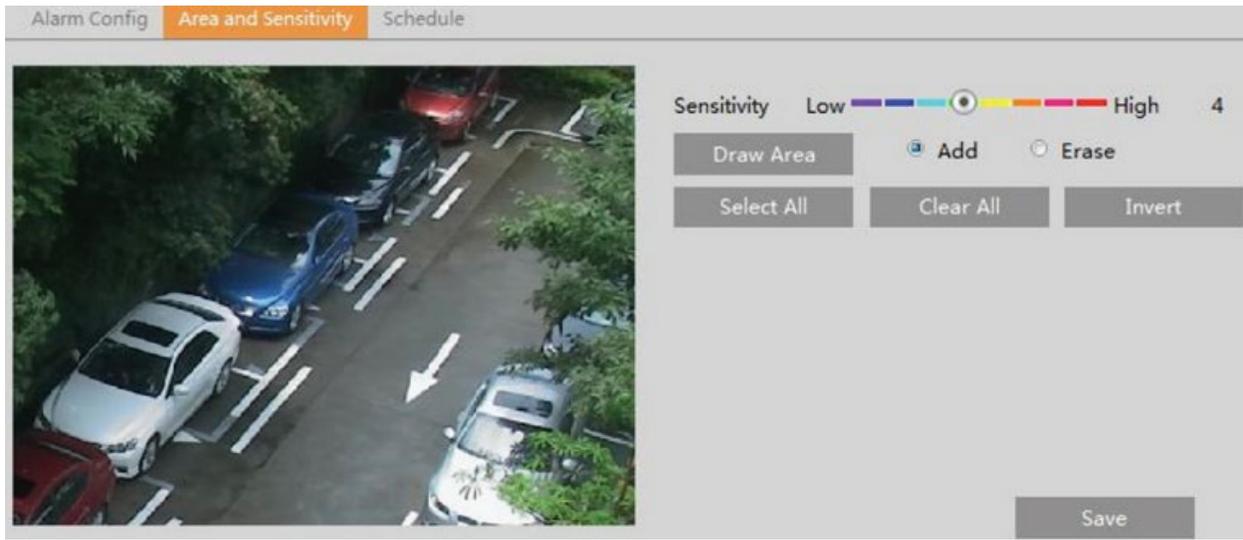
Trigger Email: If "Trigger Email" and "Attach Picture "are checked (email address must be set first in the Email configuration interface), the captured pictures and triggered event will be sent into those addresses.

Trigger FTP: If "Trigger FTP" and "Attach Picture" are checked, the captured pictures will be sent into FTP server address. Please refer to FTP configuration chapter for more details.

Alarm Out: If selected, this would trigger an external relay output that is connected to the camera on detecting a motion-based alarm.

Set motion detection area and sensitivity. Click the "Area and Sensitivity" tab to go to the interface as shown below.

2) Move the "Sensitivity" scroll bar to set the sensitivity. Higher sensitivity value means that motion will be triggered more easily. Select "Add" and click "Draw". Drag the mouse to draw the motion detection area; Select "Erase" and drag the mouse to clear motion detection area. After that, click the "Save" to save the settings. "Clear All" can be used to clear out the entire motion zone. Set the schedule for motion detection. The schedule setup steps of the motion detection are the same as the schedule recording setup.

People & Vehicle Detection (*This will not be enabled by default*)

1) Enable object removal detection and then select the detection type.

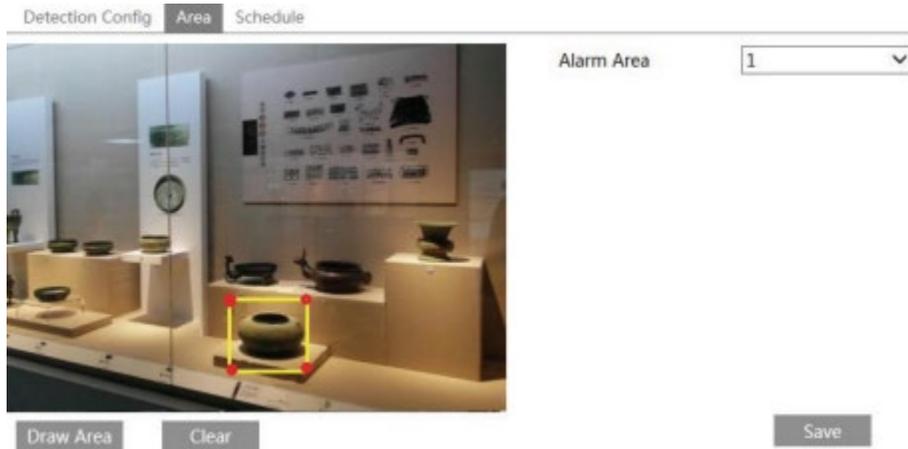| |
|---|
| **Enable Left Detection:** Alarms will be triggered if there are items left in the pre-defined area.

Enable Item Missing Detection: Alarms will be triggered if there are items missing in the pre-defined area.

Shortest Holding Time: it is the alarm delay time of the object left in the region or removed from the region (ranges from 10~3600s). For example, if "Left detection" is selected and the shortest holding time is set as 10, alarms will be triggered after the object is left and stay in the region for 10s, but when someone takes away the object within 10s, alarms will not be triggered.

Set the alarm holding time and alarm trigger options. The setup steps are the same as motion detection. Please refer to motion detection section for details.

Click "Save" button to save the settings. Set the alarm area of the object removal detection.

Click the "Area" tab to go to the interface as shown below. |

2) Set the alarm area number and then enter the desired alarm area name. Only one alarm area can be added. Click the "Draw Area" button and then click around the area where you want to set as the alarm area in the image (the alarm area should be a closed area). Click the "Stop Draw" button to stop drawing. Click the "Clear" button to delete the alarm area. Click the "Save" button to save the settings. 5. Set the schedule of the object removal detection. The setup steps of schedule are the same as the schedule recording.