



4K IP DOME CAMERA

INDOOR/OUTDOOR WITH NIGHTVISION

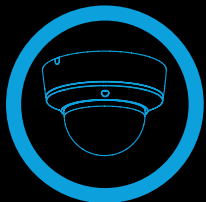
HD838IRM QUICK START GUIDE

ABOUT THIS GUIDE

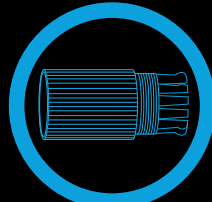
This guide is a quick reference that offers users basic information regarding installation and operation of the HD838IRM Night Vision Indoor / Outdoor Ultra High Definition IP Cameras. For further details on installation and operation, please refer to the User Manual at avertx.com.

CONTENTS OF CAMERA BOX

Before proceeding, please confirm that the box contains the items listed here. If any item is missing or has defects, DO NOT install or operate the product and contact AvertX for assistance.



HD838IRM Dome
Camera



Waterproof Cable
Connector



Paintable
Dome Cover



Adapter
Plate



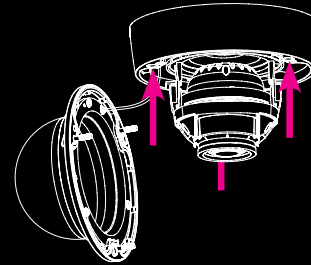
Documents &
Cleaning Cloth



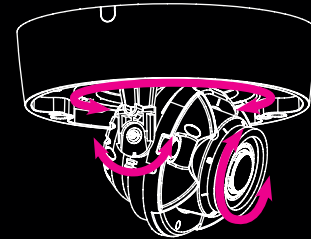
Mounting
Hardware

Wall mount bracket, junction box and other mounting accessories are available at avertx.com.

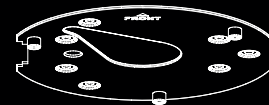
INSTALLATION



Attach To Ceiling



Adjust View



Adapter Plate
(Optional)

Note: The included adapter plate is optional and can be used to mount to double gang electrical boxes. The adapter plate is required to use HD838IRM mounting accessories from avertx.com.

If mounting outside, AvertX recommends sealing any wall openings and around the base of the camera with silicone caulking to avoid water infiltration.

The HD838IRM camera can be installed onto a wall or the ceiling. Be sure that the structure is strong enough to support the camera.

1. Use the included mounting template to pre-drill holes for the mounting screws and, if passing the cable through the ceiling or wall, drill a 7/8" hole.
2. Remove the camera dome cover by removing 3 dome screws and lifting.
3. Thread your Cat5e cable through the waterproof cable connector and connect to the camera dangle. See reverse page for instructions on waterproof cable connector.
4. Attach the camera to the ceiling or wall with the included screws.
5. Adjust the camera to the desired angle.
 - The HD838IRM features 3-axis camera positioning: Tilt, Camera Rotation, and Lens Rotation.
 - Rotate the lens so the 0 mark is vertical relative to the horizon.
 - TIP: Use the AvertX Connect app to view the camera while adjusting view.
6. Replace the dome cover. To install, align screws to the holes. Tighten dome cover screws just enough for a good seal. Clean the dome with the included cleaning cloth.

NETWORK CABLE INSTALLATION

A 100' Cat5e non-plenum UTP camera cable is included with your camera. It is important to consider how the network cable is attached to the camera.

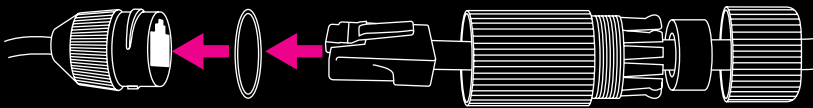
- If passing the cord through a wall or ceiling, drill a 7/8" hole.
- We recommend using the waterproof cable connector on all installations.
- For maximum weather and tamper resistance in outdoor installations, place the connection between your camera cable and the camera jack within a wall or use a wall mount or junction box available at avertx.com.
- For outdoor installations, use silicone caulking to seal any holes in the wall or ceiling to protect against leaks.
- If your installation is in a commercial building, consult local fire codes. Plenum rated cable may be required.

WATERPROOF CABLE CONNECTOR

To use the IP66-rated waterproof cable connector:

You do not need to re-terminate the cable to use the waterproof cable connector.

- Slide all pieces of the waterproof cable connector over the cable plug in this order:
 1. Small plastic ring
 2. Flexible silicone seal ring. You will need to stretch the silicone seal over the RJ-45 plug.
 3. Large plastic ring



- Slide the rubber "O" ring over the camera plug screw and connect the camera cable to the plug on the dongle. Screw the large plastic ring into the dongle.
- Insert the flexible silicone seal into the "crown" section of the large plastic ring
- Screw the small plastic ring into the large plastic ring

AUTOFOCUS ZOOM LENS

The HD838IRM Dome Camera is equipped with an Auto Focus Zoom lens. Do not attempt to manually focus this camera. Activating the zoom will focus the camera.

To activate zoom and focus the camera: In Live view, right click on the desired camera pane and select zoom in. Right-click and zoom out when the camera finishes focusing.

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CONNECTING TO THE CAMERA

This camera is plug and play when connected to an AvertX ProConnect Recorder. To access this camera without an AvertX recorder, you will need to connect the camera to a Power Over Ethernet Switch and install AvertX Network Camera Manager Software on a Windows computer.

1. Download and install the Camera Finder software at www.avertx.com/downloads/. Select ONVIF Detection, and click Refresh.
2. When the camera is found, click "Load" under the web page. The camera admin page will load in a browser.
3. Login to the camera using the username **admin**. The first time the camera is accessed you will need to set a password.
4. AvertX cameras are set to DHCP by default. If a DHCP server is not detected after 4 minutes, the camera will default to IP address 192.168.51.2.
5. For assistance connecting directly to your camera, please contact AvertX support at 855-228-3789

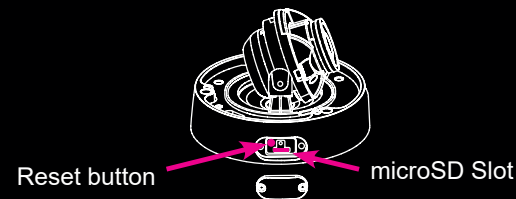
MICRO SD CARD AND RESET BUTTON

Your HD838IRM camera is equipped with a slot for a microSD card and a Reset button. To access these, you must remove the microSD / Reset cover.

If you have purchased a microSD card to be used for backup, insert the formatted card into the slot. Refer to the user manual for compatible cards and how to properly format your microSD Card.

Use the reset button to restore the factory default settings. To reset your camera:

1. Disconnect the cat5e cable from the camera for 30 seconds.
2. Hold the reset button down while reconnecting cat5e.
3. The IR lights will illuminate when power is reconnected; continue holding the reset button until the IR lights turn off (approximately 30 seconds).
4. Allow 2 minutes before attempting to rediscover camera.



FOR FURTHER INSTRUCTIONS:

For more information on installing your AvertX camera, download the user manual, read FAQs and DIY resources, and view instructional videos at www.avertx.com.

Contact AvertX Support: 1-855-228-3789 | www.avertx.com