



Quick Setup Guide For HYDRA HD™ Camera

Before installing the camera, Please ensure that you have read and understand this Quick Setup Guide thoroughly.

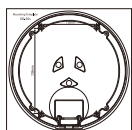
MS12059V0100A

Package Contents

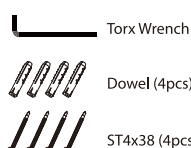
HYDRA HD™ Vandalproof Dome Camera



Quick Setup Guide



Mounting Template



Warning

Installation, servicing, alterations and repairs should be performed by a qualified service personnel authorized by your equipment distributor.

Caution

 THIS SYMBOL INDICATES THAT DANGEROUS VOLTAGE CONSTITUTING A RISK OF ELECTRIC SHOCK IS PRESENT WITHIN THE UNIT.	 THIS SYMBOL INDICATES THAT IMPORTANT OPERATING AND MAINTENANCE INSTRUCTIONS ACCOMPANY THIS UNIT.
TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT DISASSEMBLE OR ALTER. NO USER SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONEL.	

WEEE (Waste Electrical and Electronic Equipment)



Correct disposal of this product (applicable in the European Union and other European countries with separate collection systems.) This product should be disposed of, at the end of its useful life, as per applicable local laws, regulations, and procedures.

Certificates

FCC Compliance

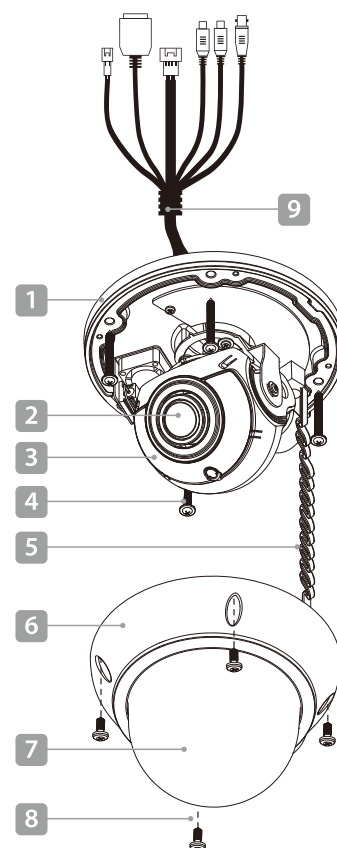
Information to the User: This equipment has been tested and found to comply with the limits for a Class A digital device. Pursuant to Part 15 of the FCC Rules, these limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference. For example, try reorienting or relocating the receiving antenna, increasing the separation between the equipment and receiver, or connecting the equipment to an outlet on a different circuit.

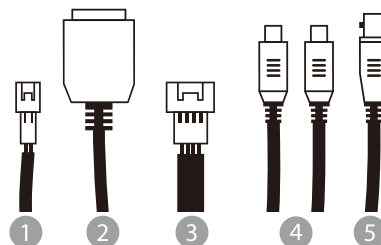
CE Compliance 

Connector

1. Dome Base
2. Lens
3. Gimbal
4. Mounting Screws (ST4x38)
5. Safety Wire
6. Dome Cover
7. Dome Bubble
8. Assembly Screws (M3x12)
9. Cable



Cables



1. Power Cable

Cable for Power source. **DC 12V, Red (+), Black (-)**

2. P.O.E. / Ethernet connector

Power over Ethernet enabled RJ45 connection for video transmission and power source. Power over Ethernet only available if connected to PoE network device.

3. Alarm In/Out

Camera supports use of 1 alarm input, and 1 alarm output connection.

4. Audio Jack

For use with audio equipment.(Audio IN (Yellow), OUT(Red))

5. HD VIDEO

BNC cable output for use with HYDRA HD™ recorders. (Output:1080p)

3-Axis Gimbal Adjustment

- Rotation

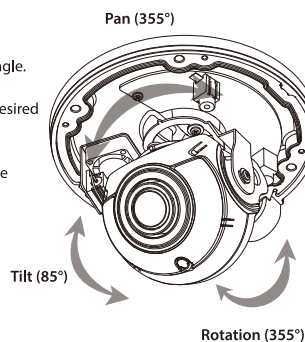
Manually adjust the rotation to the desired angle.

- Tilt

Manually adjust the tilt up and down to the desired view.

- Pan

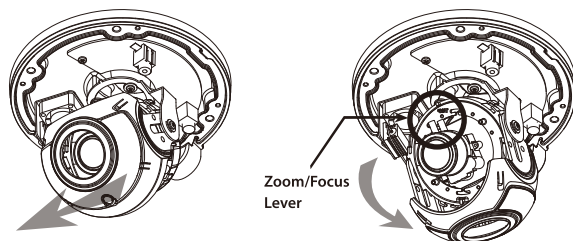
Manually adjust the camera left or right for the desired view.



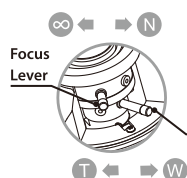
Zoom & Focus Adjustment

1 Pull the upper gimbal

2 Take down the upper gimbal to open



3 Adjust zoom/focus by the zoom or focus levers as shown

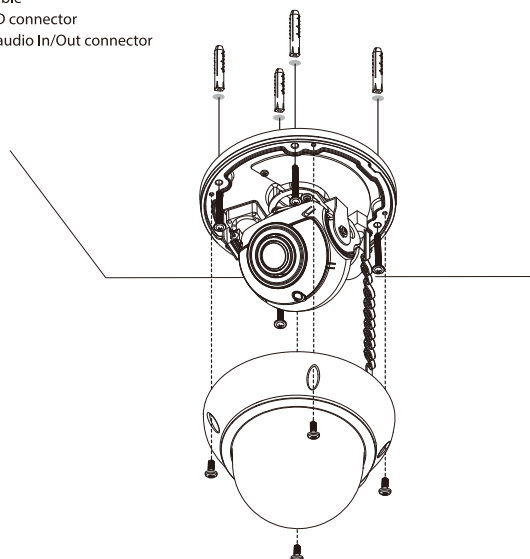


- Zoom (Field of View): Tele(T) to Wide(W)
- Focus: Near(N) to Far(∞)

Installation

Connect the cables to the connectors on the camera unit before installation.

- Connect the Power Input Cables to a **DC12V** power supply
- Alarm In/Out cable
- BNC cable to HD connector
- Audio cable to audio In/Out connector



1. Remove a dome cover by loosening the 4 screws.
2. There are four mounting holes on the dome's base so that you can install the dome in places such as ceilings, walls, etc.
3. Use the mounting screws to affix the dome base to a sturdy surface. If necessary, use the supplied dowels.
4. Adjust the 3-axis gimbal and point the camera to the desired area.
5. Attach the dome cover once the base is installed.

CAUTION To avoid smear, do not expose the camera directly to a strong light source such as the sun or spot light.

Reset

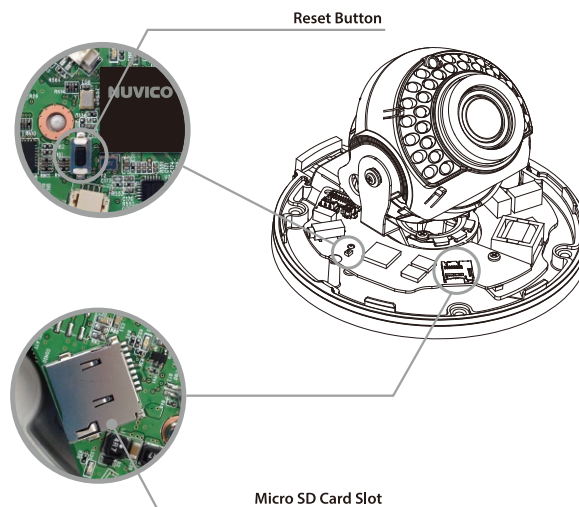
HYDRA HD™ Camera has a Reset button inside of the camera (See Location). Use this button to restart the camera.

1) Press and hold.

2) After the camera restarts, it takes approximately 40 seconds to default the camera.

Micro SD Card Slot

Remove the bottom cap of the camera to insert the SD memory card.



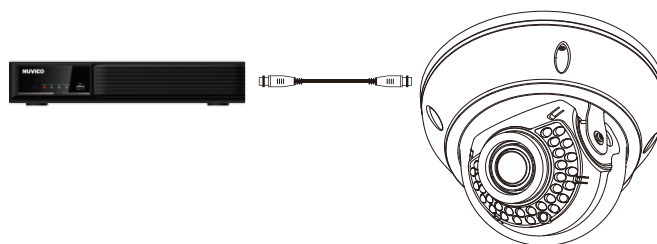
Connecting the Power

There are two options to power the camera:

- 1) **DC 12V, Red (+), Black (-)**
- 2) **P.O.E.**
 - Input Voltage : PoE (IEEE802.3af),
 - Input Voltage Range : PoE (36~57V)
 - Input Current : PoE (0.35Amp)

Connecting to the BNC

Our IP-Over-Coax technology allows you to connect the HYDRA HD™ camera directly to the HYDRA HD™ recorder with a coax cable.



Installation (using ONVIF)

HYDRA HD™ recorders will automatically allocate IP address for each camera by using the Auto IP Scan function. The default HTTP port number is 80.

HYDRA HD™ Cameras support the use of the IP discovery tool to discover and configure HYDRA HD™ Cameras.

A web based GUI is also available via a network connection.

- Default IP : 192.168.0.251
- ID : admin
- Password : 000000

For installation tools and configuration manuals.

Please go to www.nuvico.com