





## HBD42HD8 8MP HQA Bullet Camera MFZ

### Quick Installation Guide

Thank you for purchasing a Honeywell Performance Series HQA HBD42HD8 camera. Follow the instructions in this guide to install and log in to your camera.



### Warnings and Cautions

	<b>CAUTION</b> RISK OF ELECTRIC SHOCK DO NOT OPEN			THIS SYMBOL INDICATES THAT DANGEROUS VOLTAGE CONSTITUTING A RISK OF ELECTRIC SHOCK IS PRESENT WITHIN THE UNIT.
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.			THIS SYMBOL INDICATES THAT IMPORTANT OPERATING AND MAINTENANCE INSTRUCTIONS ACCOMPANY THIS UNIT.	

**WARNING** This device is configured for 12 VDC/24 VAC operation. Do not connect to a higher voltage. Use only with NRTL-approved Class 2 power supplies.

**WARNING** IR emitted from this product. Do not view directly with optical instruments. Do not stare directly into the lamp at a distance of less than 3.3 ft (1 m).

**CAUTION** Invisible LED radiation (850 nm). Avoid exposure to beam.

### Important Safeguards

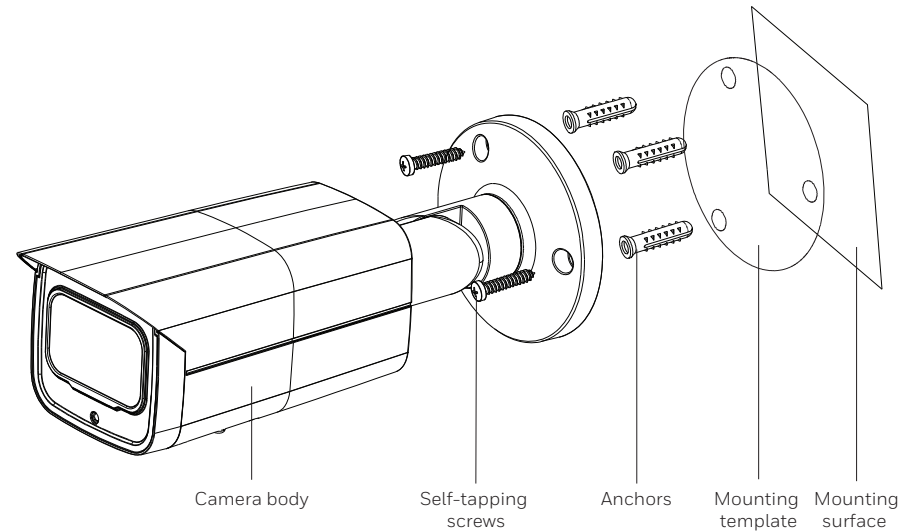
- Read and keep these instructions.
- Confirm the installation surface can support at least three times the weight of the camera.
- Do not apply power to the camera before completing installation.
- Do not aim the camera toward a bright light source for extended periods to prevent damage to the imager. Avoid operating the unit under or close to unstable light sources (may cause flickering), or close to fluorescent lamps or objects reflecting light.
- Do not touch the camera lens.
- Do not drop the camera or subject it to physical shock.
- Do not use a strong or abrasive detergent when cleaning the camera.
- Avoid operating or storing the unit in extremely humid, dusty, hot/cold environments, where the operating temperature is outside the recommended range of -40°F to 140°F (-40°C to 60°C).

### Before You Begin

Before you begin, check that you have received all of the parts listed below. If any parts are missing or damaged, contact your dealer immediately.

- Camera
- Mounting template
- Self-tapping screws (×5)
- Hex key (L-wrench)
- Plastic anchors (×5)
- Video transfer cable

**CAUTION** Installation and servicing should be performed only by qualified and experienced technicians to conform to all local codes and to maintain your warranty.



### Preparing the Mounting Surface

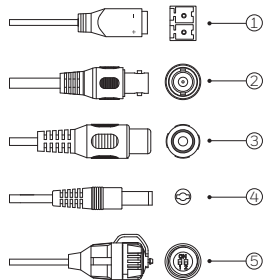
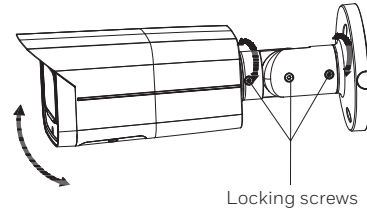
1. Apply the mounting template to the mounting surface.

**Note** Observe the orientation of the cable exit notch on the mounting bracket base. In outdoor installations the notch should point downward to prevent water from entering the camera housing.

2. Using the mounting template as a guide, drill three pilot holes in the mounting surface, then hammer the supplied anchors into the holes.
3. Drill a cable entry hole in the mounting surface, then pull the required cables through the hole.

## Mounting and Aiming the Camera

1. Connect the camera's BNC connector to a coaxial cable.
2. Connect the camera's power connector to a 12 VDC/24 VAC power source.
3. Position the camera so that the screw holes on the base align with the anchors.
4. Fix the camera to the mounting surface using the supplied screws.
5. Using the supplied hex key, loosen the locking screws on the mounting bracket arm.
6. Point the camera in the desired direction by rotating the camera body and mounting bracket arm.
7. Tighten the locking screws.
8. Refer to the following figure and table for external cable functions.



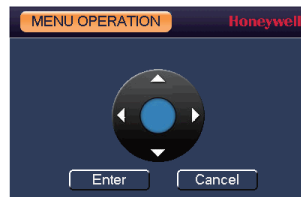
No.	Port Name	Function
①	DC 12V or AC 24V Power Input	Inputs DC 12V or AC 24 power. Please be sure to supply power as instructed in the Manual. <b>CAUTION</b> Device abnormality or damage could occur if power is not supplied correctly.
②	Video Output	Connects to HRHT DVR to output video signal.
③	Audio Input	Connects to sound-pick-up devices to receive audio signal.
④	Power Output	Supplies DC12V 2W power.
⑤	DIP Switch	Dial switches to change output mode. Switch up indicates "ON", switch down indicates "OFF".

Switch1	Switch2	Output Mode
OFF	OFF	HQA
ON	ON	CVBS
ON	OFF	AHD
OFF	ON	TVI

**CAUTION** The default resolution is 1080P in HQA. Use the OSD menu to change definition and formats.

## Configuring the Camera

1. Connect the camera to a Honeywell Performance Series HQA DVR and log on as the admin user.
2. Right-click to display the shortcut menu, then click **Camera Menu**. The **Menu Operation** window opens.
3. Click **Enter** to display the camera's OSD menu.
4. To configure the camera, in the **Menu Operation** window, click the up/down arrows to move through the menu list, click the left/right arrows to change a menu setting, or click **Enter** to enter a submenu (↵) or execute a command.
5. After you have finished configuring the camera, scroll down to **Exit**, and then click **Enter** to exit the OSD menu. Right-click to close the **Menu Operation** window.



## Recommended Recorders

- HRHT408\* 8-channel, 2 SATA, 4 MP, HQA/1080p@120fps, HQA/SD/IP@120fps  
 HRHT416\* 16-channel, 2 SATA, 4 MP, HQA/1080p@240fps, HQA/SD/IP@120fps

## Regulatory Statements

### FCC Compliance

**Information to the User:** This equipment has been tested and found to comply with the limits for a Class B 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 instructions, 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 by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la Classe B est conforme à la norme NMB-003 du Canada.

### Manufacturer's Declaration of Conformance

**Europe** The manufacturer declares that the equipment supplied is compliant with the European Parliament and Council Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (2011/65/EU), General Product Safety Directive (2001/95/EC), and the essential requirements of the EMC directive (2014/30/EU), conforming to the requirements of standards EN 55032 for emissions, EN 50130-4 for immunity, and EN 60950-1 for electrical equipment safety.

### 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.

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