Honeywell

Performance Series HQA HB276HD2 1080p Indoor/Outdoor IR Bullet Camera

Quick Installation Guide

Document 800-22069 — Rev B — 05/2016

Thank you for purchasing a Honeywell Performance Series HQA HB276HD2 camera. Folow the instructions in this guide to install and set up your camera.
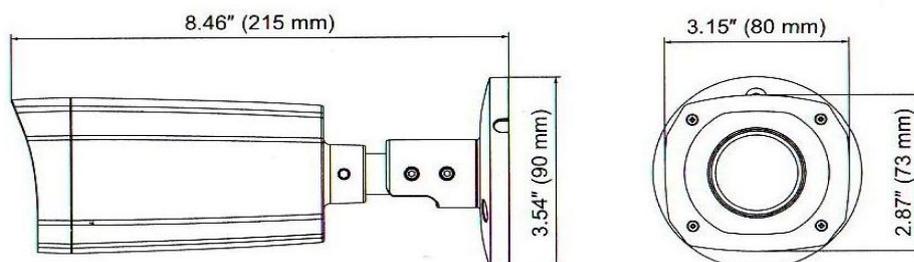
Cautions and Warnings

⚠ **CAUTION**   This device is configured for 12 V DC/24 V AC operation. Do not connect to a higher voltage. Use only with NRTL-approved Class 2 power supplies.

⚠ **CAUTION**   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   Class 1 LED product. Invisible LED radiation (850 nm). Avoid exposure to beam.

Important Safeguards

- Read and keep these instructions.
- 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 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, or environments where the operating temperature is outside the recommended range of –22°F to 140°F (–30°C to 60°C).

Dimensions

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
- Quick Installation Guide
- Mounting template sticker
- Allen key (L-wrench)

- Self-tapping screws (4)
- Plastic anchors (4)
- Power connector

Tools needed (not supplied):
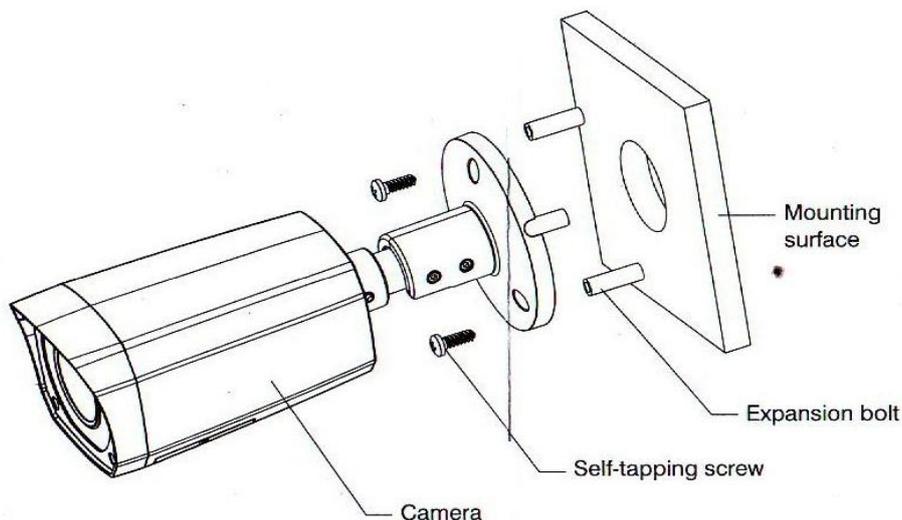
- Cordless drill
- Phillips screwdriver

❶ Preparing the Mounting Surface

1. Inspect the site where you want to install the camera. The mounting surface must be flat and capable of supporting at least three times the weight of the camera and bracket.

   Remove the backing from the mounting template sticker and affix the sticker to the mounting surface.

   Note If you are using the side exit for the cable, note the orientation of the cable exit notch. In outdoor installations the notch should point downwards to prevent water from entering the camera housing.

2. Drill three screw holes at the locations indicated on the mounting template sticker and insert the three supplied plastic anchors in the holes.

Mounting surface

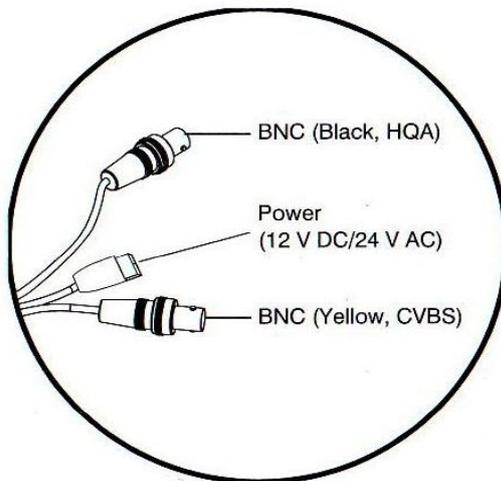Expansion bolt

Self-tapping screw

Camera

3. If you are flush mounting the camera and want to store the cables inside the wall or ceiling, drill a hole in the center of the mounting template and then pull the power and video cables through the hole.

❷ Mounting the Camera

1. Connect the power and video cables.

   a. Connect the power connector of the camera to a 12 V DC/24 V AC power source.

   b. Make one of the following video cable connections:

      • Connect the black BNC connector of the camera to a coaxial video cable to get an HD (HQA) signal.

      • Connect the yellow BNC connector of the camera to a coaxial video cable to get an SD (CVBS) signal.

      • Connect both black and yellow BNC connectors to two coaxial video cables to get both HD and SD signals.
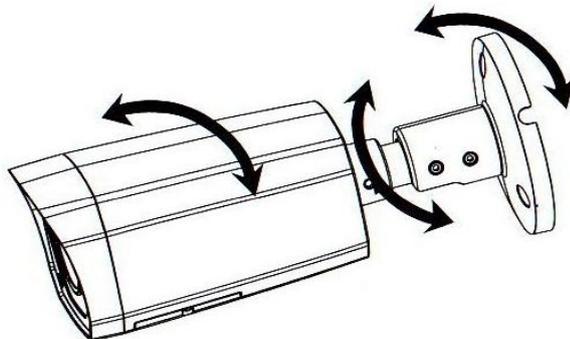
   Note When WDR is enabled, only the HD signal is available.

2. Attach the camera to the mounting surface using the supplied screws (or other suitable mounting hardware).

❸ Aiming the Camera

1. Using the supplied Allen key, loosen the adjustment screws on the bracket arm.

2. Set the camera to the desired position.

3. Tighten the adjustment screws.

1st Level		2nd Level		3rd Level	
White Balance	Auto				
	ATW				
	Manual↵	C-Temp	Low/Middle/High		
		Red Gain	0–20		
		Blue Gain	0–20		
		Return			
	Regional WB↵	H-POS	0–20		
		V-POS	0–20		
		H-Size	1–20		
		V-Size	1–20		
		Return			
Day/Night	Auto↵	Night/Day			
		Day/Night			
		Waiting Time	1–10		
		Return			
	Color				
	B/W				
Language	English/Spanish/Portuguese/French/German/Russian/Polish/Korean/Chinese/Japanese				
Advanced	↵	Camera Title	OFF/ON		
		Mirror	Horizontal Mirror	OFF/ON	
			Vertical Mirror	OFF/ON	
			Return		
		D-Zoom	1–10		
		Lens Reset			
		Self-adaption	OFF/ON		
		Smart IR	Auto↵	Level	0–12
				Return	
			IR Norm Closed		
		Defog	OFF		
			ON	Level	Low/Middle/High
				Return	
		Motion Detection	OFF/ON		
		Privacy Mask	OFF/ON		
		Video Output	HD Priority/ SD Priority		
		COM Setup	Address	1–254	
			Apply		
	♦		Return		

1st Level		2nd Level		3rd Level	
Advanced (cont.)	↵	System Info	Version		
			Return		
		Return			
Reset					
Exit					

Notes

Parameter	Function
Contrast	Controls the picture contrast. Select a value from 0 to 20. The default value is 0. The larger the value, the higher the contrast.
Saturation	Controls the picture saturation. Select a value from 0 to 15. The default value is 10. The larger the value, the stronger the color.
Sharpness	Controls the picture sharpness. Select a value from 0 to 10. The default value is 5. The larger the value, the sharper the picture. Noise may increase at higher values.
2DNR/3DNR	Controls the picture noise. Select OFF, Low, Middle, or High. The default level is Middle. The higher the level, the lower the noise. Detail may be lost on High level.

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