

HB76HD2

PERFORMANCE SERIES HQA 1080P TRUE DAY/NIGHT MFZ LENS INDOOR/OUTDOOR IR BULLET CAMERA

The latest addition to Honeywell's Performance Series HQA line providing high-definition 1080p images over existing coax infrastructure, the HB76HD2 features bidirectional signalling that lets you control the camera's focus and zoom remotely.

Superior Image Quality

- Full HD 1080p 30 fps image with 1/2.8" 2.4 megapixel sensor
- Long distance transmission over coaxial cables with low attenuation and latency—up 1000 ft (305 m) over RG59
- Vivid color pictures by day and clear black-and-white pictures at night
- Excellent low-light performance (0.05 lux color, 0 lux b/w)
- 2.7–12 mm motorized focus and zoom lens

24-Hour Surveillance

- True Day/Night capability
- Smart infrared (IR) technology for even distribution of IR
- IR LEDs provide up to 100 ft (30 m) of illumination, depending on scene reflectance

Dependable Outdoor Performance

- Weatherproof IP66-rated housing
- Vandal resistant

Easy Installation

- Compact design for fast, easy installation
- Mounts directly to a ceiling or wall
- 3-axis rotation
- Uses existing BNC cabling; no rewiring required
- Remote zoom and focus control with Honeywell HRHM and HRHH DVR

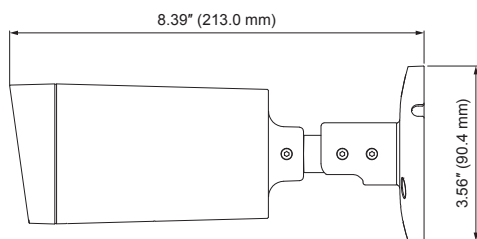
Market Opportunities

The HB76HD2 is a cost-effective surveillance solution suitable for both indoor and outdoor applications, including schools, colleges, hospitals, commercial sites, industrial parks, airports, gated entrances, loading docks, and driveways.



SPECIFICATIONS

Operational	
Video Standard	NTSC
Scanning System	Progressive
Image Sensor	1/2.8" 2.4 MP CMOS
Number of Pixels	1984 (H) × 1225 (V)
Minimum Illumination	0.05 lux @ F1.2 (AGC on) 0 lux (IR LEDs on)
Video Output	1-channel BNC HQA 1080p, switchable to standard definition CVBS video
Video Frame Rate	30 fps @ 1080p
Sync System	Internal
Automatic Electronic Shutter	1/3–1/100,000 s
Lens Type	2.7–12 mm MFZ
Horizontal Angle of View	105.5° to 32.9°
Vertical Angle of View	61.6° to 20.3°
IR LEDs	850 nm, 24 LEDs
IR Illumination Distance	Up to 100 ft (30 m), depending on scene reflectance
Day/Night	Auto with ICR
Automatic Gain Control	Auto
White Balance	Auto
Backlight Compensation	On/Off
Digital WDR	On/Off
Digital Noise Reduction	2D/3D



Electrical	
Input Voltage	12 V DC ±10%
Power Consumption	7.4 W max (IR LEDs on)
Mechanical	
Dimensions	8.39 × 3.56 in. (213.0 × 90.4 mm)
Weight	1.21 lb (0.55 kg)
Construction	Housing: Die-cast aluminum Finish: Light gray powder coating
Connectors	Video output: BNC connector Power input: 2.1 mm plug
Environmental	
Temperature	Operating: –22°F to 140°F (–30°C to 60°C) Storage: –40°F to 158°F (–40°C to 70°C)
Relative Humidity	10% to 100%, condensing
IP Rating	IP66
Regulatory	
Emissions	FCC, Part 15B, Class B, EN 55022
Immunity	EN 50130-4
RoHS	EN 50581
System Compatibility	
HRHM	H.264 4-Ch 1080p HQA Embedded DVR
HRHH	H.264 4/8/16-Ch 1080p HQA Embedded DVR
Recommended Accessories	
Power Supply	
HPT12DC1000	12 V DC / 1000 mA Plug-in Regulated 2.1 mm Coaxial Plug UL Listed/ CSA Certified
Mounts	
Junction Box	HBS2-BB
Pole Mount Adapter	HQA-PM
Corner Mount Adapter	HB34S2-CM

Ordering	
HB76HD2	TDN Indoor/Outdoor IR Bullet Camera, 1/2.8" 2.4 MP CMOS, 1080p, 30 fps, 2.7–12 mm MFZ Lens, 24 IR LEDs, 12 V DC, NTSC

NOTE: Honeywell reserves the right, without notification, to make changes in product design or specifications.

For more information:

www.honeywell.com/security

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