

1080p TDN IR Bullet Camera

HB74HD2/HB76HD2

Supercharge your analog security system with Honeywell's HQA technology for high definition 1080p images over your existing coax infrastructure. The Performance Series HQA line includes a wide range of high performing IR cameras that are easy to install and even easier to use.

Superior Image Quality

- Full HD 1080p 25/30 fps image with a 1/2.8" 2.4 MP sensor
- Long distance transmission over coaxial cable with low attenuation and latency—up to 984 ft (300 m) using RG-59/U
- True Day/Night provides vivid color images by day and clear black-and-white images at night with ICR
- Excellent low-light performance with 3D noise reduction

Flexible Surveillance Solution

- 3.6 mm fixed lens (HB74HD2) or 2.7–12 mm motorized focus/zoom lens (HB76HD2)
- IR LEDs provide up to 131 ft (40 m) or 200 ft (60 m) of illumination in dimly lit or nighttime scenes depending on scene reflectance
- Smart IR technology provides even distribution of IR
- Weatherproof (IP66) camera housing
- -22°F to 140°F (-30°C to 60°C) working temperature
- Plug-and-play compatible with Honeywell 4/8/16-channel Performance Series HQA DVRs

Easy to Install and Use

- 12 VDC power input
- Uses existing BNC cabling—no rewiring required
- Remote configuration through web client or from the DVR

These flexible, fully featured cameras are ideal for a wide range of surveillance applications, providing excellent picture quality at an affordable price.

FEATURES AND BENEFITS

- 1/2.8" 2.4 MP imager
- 3.6 mm fixed or 2.7–12 mm MFZ lens
- True day/night (IR-cut filter)
- Low-light performance down to 0.05 lux (color) or 0 lux with IR LEDs on
- Up to 131 ft (40 m) or 200 ft (60 m) of IR illumination, depending on scene reflectance
- HQA/CVBS video output
- Transmission distances up to 984 ft (300 m)
- 12 VDC power input
- IP66-rated housing



HB74HD2



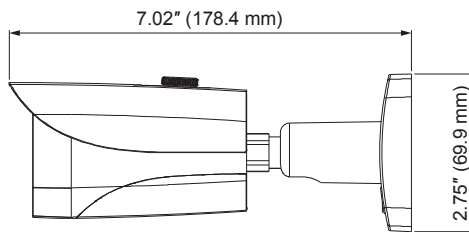
HB76HD2

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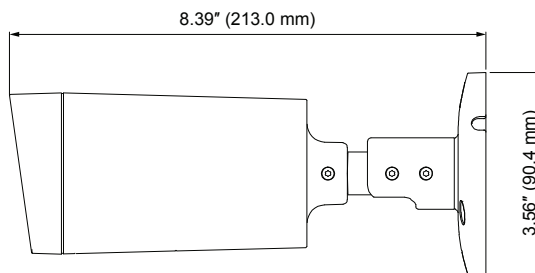
SPECIFICATIONS

OPERATIONAL		ENVIRONMENTAL	
VIDEO STANDARD	NTSC	TEMPERATURE	-22°F to 140°F (-30°C to 60°C)
SCANNING SYSTEM	Progressive scan	RELATIVE HUMIDITY	0-95%, non-condensing
IMAGE SENSOR	1/2.8" 2.4 MP CMOS	INGRESS PROTECTION	IP66
NUMBER OF PIXELS (H×V)	1984×1225	REGULATORY	
ELECTRONIC SHUTTER SPEED	1/3-1/100 000 s	EMISSIONS	FCC Part 15, CE (EN 55032)
MINIMUM ILLUMINATION	HB74HD2: 0.05 lux @ F1.8 (color), 0 lux (B/W with IR LEDs on) HB76HD2: 0.05 lux @ F1.4 (color), 0 lux (B/W with IR LEDs on)	IMMUNITY	CE (EN 50130-4)
S/N RATIO	50 dB or more	SYSTEM COMPATIBILITY	
RESOLUTION	25/30/50/60 fps @ 720p; 25/30 fps @ 1080p	HRHM	H.264 4Ch 1080p HQA DVR
VIDEO OUTPUT	1-channel HQA BNC cable; 1-channel CVBS BNC cable	HRHH	H.264 4/8/16Ch 1080p HQA DVR
IR DISTANCE	HB74HD2: Up to 131 ft (40 m) HB76HD2: Up to 200 ft (60 m)	MOUNTS	
DAY/NIGHT	Auto (ICR)/Color/BW	JUNCTION BOX	HB74HD2: HQA-BB1 HB76HD2: HBS2-BB
NOISE REDUCTION	2D/3D	POLE MOUNT	HQA-PM
LENS	HB74HD2: 3.6 mm Fixed, F1.8 HB76HD2: 2.7-12 mm MFZ, F1.4	CORNER MOUNT	HB34S2-CM
HORIZONTAL ANGLE OF VIEW	HB74HD2: 88° HB76HD2: 99°-34°		
MOUNT TYPE	HB74HD2: M12 HB76HD2: Φ14		
ELECTRICAL			
POWER SUPPLY	12 VDC ±20%		
POWER CONSUMPTION	HB74HD2: 5.5 W max. HB76HD2: 7.5 W max.		
MECHANICAL			
DIMENSIONS	HB74HD2: 7.02 × 2.75 × 2.30 in. (178.4 × 69.9 × 58.4 mm) HB76HD2: 8.39 × 3.56 in. (213.0 × 90.4 mm)		
WEIGHT	HB74HD2: 0.88 lb (0.4 kg) HB76HD2: 1.21 lb (0.55 kg)		
CONSTRUCTION	Die-cast aluminum		
COLOR	RAL 9003 (White)		
ORDERING			
HB74HD2	TDN IR Bullet Camera, 1/2.8" 2.4 MP CMOS, 1080p, 3.6 mm Fixed, 24 IR LEDs, 12 VDC		
HB76HD2	TDN IR Bullet Camera, 1/2.8" 2.4 MP CMOS, 1080p, 2.7-12 mm MFZ, 4 High Power IR LEDs, 12 VDC		

HB74HD2 Dimensions



HB76HD2 Dimensions



For more information

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

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