

4 MP HQA WDR IR Bullet Camera

HB74HD4/HB276HD4

Supercharge your analog security system with Honeywell's HQA technology for high definition 4 MP images over your existing coax infrastructure. The Performance Series 4 MP 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 4 MP 15 fps image (25/30 fps @ 1080p) with a 1/3" 4.1 MP sensor
- Long distance transmission over coaxial cable with low attenuation and latency—up to 1,640 ft (500 m) using RG-59
- True Day/Night provides vivid color images by day and clear black-and-white images at night with ICR
- Excellent low-light performance with 2D/3D noise reduction

Flexible Surveillance Solution

- 3.6 mm fixed lens (HB74HD4) or 2.7-12 mm MFZ lens (HB276HD4)
- IR LEDs provide up to 131 ft (40 m) for HB74HD4 or 200 ft (60 m) for HB276HD4 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 HRHT 4/8/16-Channel Hybrid 4 MP HQA DVRs

Easy to Install and Use

- HB74HD4: 12 VDC power input; HB276HD4: 12 VDC/24 VAC power input
- Uses existing BNC cabling—no rewiring required
- Remote configuration through a web client or from the DVR



HB74HD4



HB276HD4

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

FEATURES

- Low-light performance down to 0.01 lux (color) or 0 lux with IR LEDs on
- 120 dB True WDR supported
- HQA/CVBS video output
- Pole mount and corner mount options available

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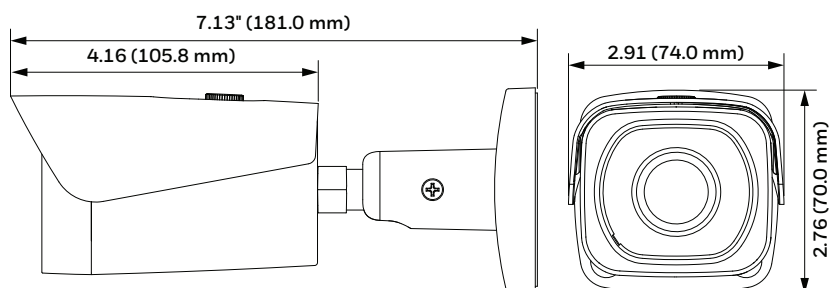
HB74HD4/HB276HD4

SPECIFICATIONS

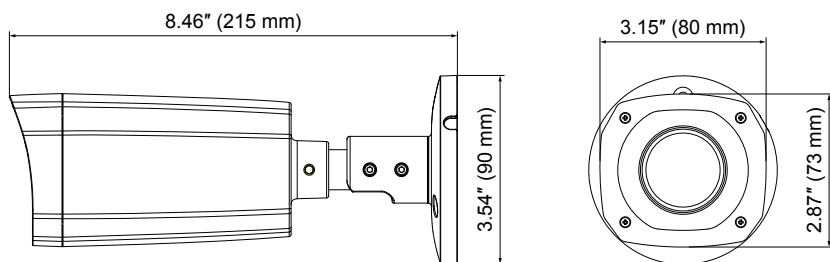
OPERATIONAL	
VIDEO STANDARD	NTSC/PAL
SCANNING SYSTEM	Progressive scan
IMAGE SENSOR	1/3" 4.1 MP CMOS
NUMBER OF PIXELS (H×V)	2688 (H) × 1520 (V)
ELECTRONIC SHUTTER SPEED	NTSC: 1/3 – 1/100 000 s; PAL: 1/4 – 1/100 000 s
MINIMUM ILLUMINATION	HB74HD4: 0.01 lux @ F1.5 (color), 0 lux (B/W with IR LEDs on) HB276HD4: 0.01 lux @ F1.3 (color), 0 lux (B/W with IR LEDs on)
S/N RATIO	65 dB or more
RESOLUTION	4 MP (2560 × 1440)
FRAME RATE	15 fps @ 4 MP; 25/30 fps @ 1080 p, 720p
VIDEO OUTPUT	1-channel BNC high definition video output; 1-channel BNC CVBS video output
IR LEDs	HB74HD4: 2; HB276HD4: 4
IR DISTANCE	HB74HD4: Up to 131 ft (40 m) HB276HD4: Up to 200 ft (60 m) *Depending on scene reflectance
DAY/NIGHT	Auto (ICR)/Color/BW
NOISE REDUCTION	2D/3D
LENS	HB74HD4: 3.6 mm Fixed HB276HD4: 2.7-12 mm MFZ
HORIZONTAL ANGLE OF VIEW	HB74HD4: 79°; HB276HD4: 98°-26°
ELECTRICAL	
POWER SUPPLY	HB74HD4: 12 VDC ±25% HB276HD4: 12 VDC ±25% / 24 VAC ±25%
POWER CONSUMPTION	HB74HD4: 5.9 W max. (IR LEDs On) HB276HD4: 15.4 W max. (IR LEDs On)
MECHANICAL	
DIMENSIONS	HB74HD4: 7.1 × 2.9 × 2.8 in. (181.0 × 74.0 × 70.0 mm) HB276HD4: 8.5 × 3.1 × 2.9 in. (214.8 × 79.7 × 73.4 mm)
WEIGHT	HB74HD4: 0.88 lb. (0.4 kg) HB276HD4: 1.43 lb. (0.65 kg)
CONSTRUCTION	Die-cast aluminum
COLOR	RAL 9003 (White)

ENVIRONMENTAL	
OPERATING TEMPERATURE	-22°F to 140°F (-30°C to 60°C) *Startup should be done at above -22°F (-30°C)
STORAGE TEMPERATURE	-22°F to 140°F (-30°C to 60°C)
RELATIVE HUMIDITY	0-90%, non-condensing
INGRESS PROTECTION	IP66
REGULATORY	
EMISSIONS	FCC PART 15B
SAFETY	UL60950-1
SYSTEM COMPATIBILITY	
HRHT	Hybrid 4 MP HQA DVRs
MOUNTS	
JUNCTION BOX	HB74HD4: HQA-BB1 HB276HD4: HBS2-BB
POLE MOUNT	HB74HD4: HQA-BB1+HQA-PM/HQA-PM2 HB276HD4: HBS2-BB+HQA-PM/HQA-PM2
CORNER MOUNT	HB74HD4: HQA-BB1+HB34S2-CM HB276HD4: HBS2-BB+HB34S2-CM

HB74HD4



HB276HD4



ORDERING

HB74HD4	4 MP HQA WDR IR Bullet Camera, 1/3" 4.1 MP CMOS, 3.6 mm Fixed Lens, 2 High-Powered IR LEDs, 12 VDC
HB276HD4	4 MP HQA WDR IR Bullet Camera, 1/3" 4.1 MP CMOS, 2.7-12 mm MRZ Lens, 4 High-Powered IR LEDs, 12 VDC / 24 VAC

For more information

www.honeywell.com/security

Honeywell Security and Fire

2700 Blankenbaker Pkwy, Suite 150

Louisville, KY 40299

1.800.323.4576

www.honeywell.com

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

L/4MPIRBD/D | 05/17

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