

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

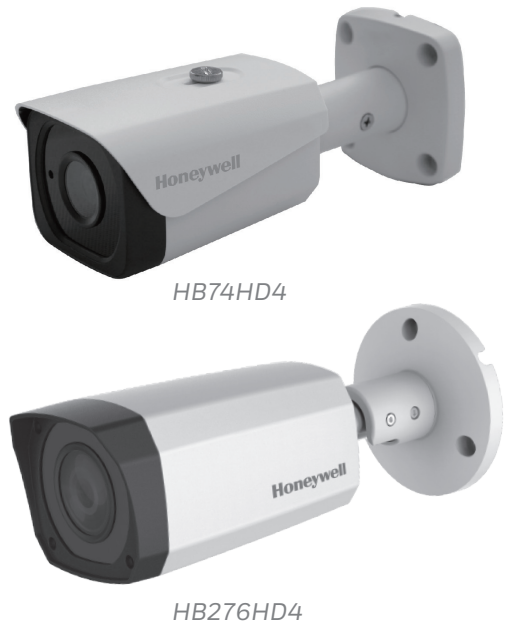
- Full HD 4 MP 12,5/15 fps image (25/30 fps @ 1080p) with a 1/3" 4.1 MP sensor
- Long distance transmission over coaxial cable with low attenuation and latency—up to 500m (1,640ft) using RG-59
- True Day/Night provides vivid color images by day and clear black-and-white images at night with ICR
- Excellent low-light performance with 2D/3D noise reduction

Flexible Surveillance Solution

- 3.6 mm fixed lens (HB74HD4) or 2.7-12 mm VF lens (HB276HD4)
- IR LEDs provide up to 40m (131ft) for HB74HD4 or 60m (200ft) 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
- -30°C to 60°C (-22°F to 140°F) 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 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

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

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SPECIFICATIONS

OPERATIONAL		ENVIRONMENTAL	
VIDEO STANDARD	NTSC/PAL	OPERATING TEMPERATURE	-30°C to 60°C (-22°F to 140°F) *Startup should be done at above -30°C (-22°F)
SCANNING SYSTEM	Progressive scan	STORAGE TEMPERATURE	-30°C to 60°C (-22°F to 140°F)
IMAGE SENSOR	1/3" 4.1 MP CMOS	RELATIVE HUMIDITY	0-90%, non-condensing
NUMBER OF PIXELS (H×V)	2688 (H) x 1520 (V)	INGRESS PROTECTION	IP66
ELECTRONIC SHUTTER SPEED	NTSC: 1/3 – 1/100 000 s; PAL: 1/4 – 1/100 000 s	REGULATORY	
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)	EMISSIONS	EN 55032:2012+AC:2013
S/N RATIO	65 dB or more	IMMUNITY	EN 50130-4:2011, EN 55024:2010
RESOLUTION	4 MP (2560 x 1440)	SAFETY	EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013
FRAME RATE	12.5/15 fps @ 4 MP; 25/30 fps @ 1080 p, 720p	RoSH	EN 50581:2012
VIDEO OUTPUT	1-channel BNC high definition video output; 1-channel BNC CVBS video output	SYSTEM COMPATIBILITY	
IR LEDs	HB74HD4: 2; HB276HD4: 4	HRHT	Hybrid 4 MP HQA DVRs
IR DISTANCE	HB74HD4: Up to 40 m (131 ft) HB276HD4: Up to 60 m (200 ft) *Depending on scene reflectance	MOUNTS	
DAY/NIGHT	Auto (ICR)/Color/BW	JUNCTION BOX	HB74HD4: HQA-BB1 HB276HD4: HBS2-BB
NOISE REDUCTION	2D/3D	POLE MOUNT	HB74HD4: HQA-BB1+HQA-PM HB276HD4: HBS2-BB+HQA-PM
LENS	HB74HD4: 3.6 mm Fixed HB276HD4: 2.7-12 mm VF	CORNER MOUNT	HB74HD4: HQA-BB1+HB34S2-CM HB276HD4: HBS2-BB+HB34S2-CM
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: 181.0 × 74.0 × 70.0 mm (7.1 × 2.9 × 2.8 in.) HB276HD4: 214.8 × 79.7 × 73.4 mm (8.5 × 3.1 × 2.9 in.)		
WEIGHT	HB74HD4: 0.4 kg (0.88 lb.) HB276HD4: 0.65 kg (1.43 lb.)		
CONSTRUCTION	Die-cast aluminum		
COLOR	RAL 9003 (White)		

HB74HD4

181.0 mm (7.13")

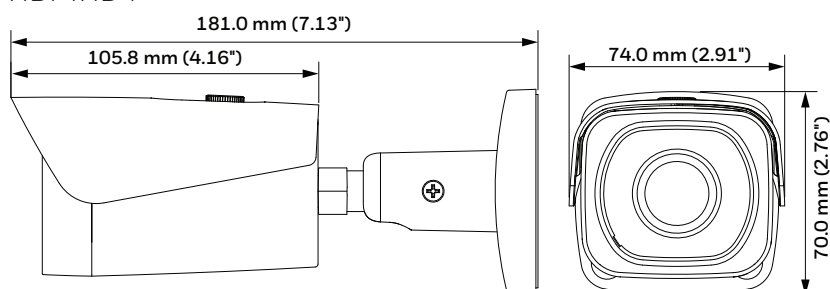
105.8 mm (4.16")

HB276HD4

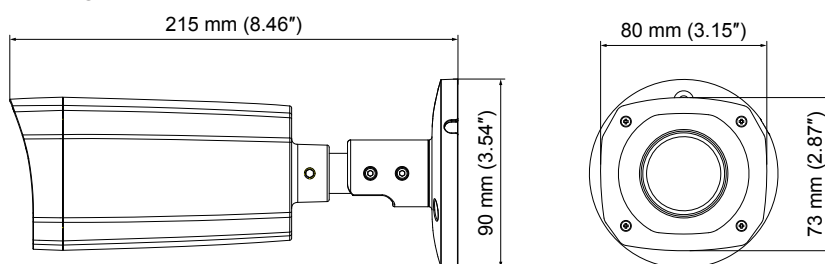
215 mm (8.46")

54 mm

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 VF Lens, 4 High-Powered IR LEDs, 12 VDC / 24 VAC

For more information

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