4 MP HQA WDR IR Mini Dome Cameras

HD72HD4/HD274HD4

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

- 2.8 mm fixed lens (HD72HD4) or 2.7-12 mm VF lens (HD274HD4)
- IR LEDs provide up to 100 ft (30 m) of illumination in dimly lit or nighttime scenes (depending on scene reflectance)
- Smart IR technology provides even distribution of IR
- Weatherproof (IP66) and impact-resistant (IK10) 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 Performance Series HQA DVRs

Easy to Install and Use

- HD72HD4: 12 VDC power input; HD274HD4: 12 VDC/24 VAC power input
- Uses existing BNC cabling—no rewiring required
- Compatible with Honeywell's HQA-WK wall mount
- Remote configuration through web client or from the DVR

HD72HD4

HD274HD4

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
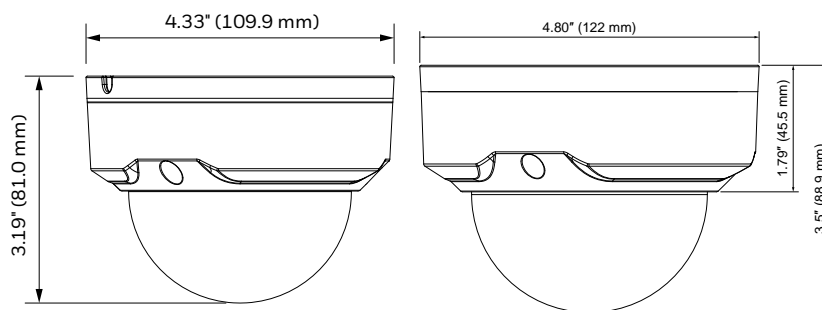- Pole mount and corner mount options available

4 MP HQA WDR IR Mini Dome Cameras

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) x 1520 (V)
ELECTRONIC SHUTTER SPEED	NTSC: 1/3 – 1/100 000 s; PAL: 1/4 – 1/100 000 s
MINIMUM ILLUMINATION	HD72HD4: 0.01 lux @ F1.5 (color) 0 lux (B/W with IR LEDs on) HD274HD4: 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 x 1440)
FRAME RATE	15 fps @ 4 MP; 25/30 fps @ 1080p, 720p
VIDEO OUTPUT	1-channel BNC high definition video output; 1-channel BNC CVBS video output
IR LEDs	HD72HD4: 12; HD274HD4: 2
IR DISTANCE	Up to 100 ft (30 m), depending on scene reflectance
DAY/NIGHT	Auto (ICR)/Color/BW
NOISE REDUCTION	2D/3D
LENS	HD72HD4: 2.8 mm Fixed HD274HD4: 2.7-12 mm VF
PRIVACY MASKING	Up to 8 configurable areas
HORIZONTAL ANGLE OF VIEW	HD72HD4: 79°; HD274HD4: 98°-26°

ELECTRICAL	
POWER SUPPLY	HD72HD4: 12 VDC ±25% HD274HD4: 12 VDC ±25% / 24 VAC ±25%
POWER CONSUMPTION	HD72HD4: 4.4 W max. (IR LEDs on) HD274HD4: 10.1 W max. (IR LEDs on)

MECHANICAL	
DIMENSIONS	HD72HD4: Φ4.3 × 3.2 in. (Φ109.9 × 81.0 mm) HD274HD4: Φ4.8 × 3.5 in. (Φ122.0 × 88.9 mm)
WEIGHT	HD72HD4: 0.73 lb. (0.33 kg) HD274HD4: 1.06 lb. (0.48 kg)
CONSTRUCTION	Die-cast aluminum housing
COLOR	RAL 9003 (White)

ENVIRONMENTAL	
OPERATING TEMPERATURE	–22ºF to 140ºF (–30ºC to 60ºC) *Startup should be done at above –22ºF (–30ºC)
STORAGE TEMPERATURE	–22ºF to 140ºF (–30ºC to 60ºC)
RELATIVE HUMIDITY	0–90%, non-condensing
INGRESS PROTECTION	IP66
IMPACT RESISTANCE	IK10

REGULATORY	
EMISSIONS	FCC PART 15B
SAFETY	UL60950-1

SYSTEM COMPATIBILITY	
HRHT	Hybrid 4 MP HQA DVRs

MOUNTS	
WALL MOUNT	HQA-WK2
JUNCTION BOX	HQA-BB2
POLE MOUNT (REQUIRES HQA-BB2)	HQA-PM2
CORNER MOUNT (REQUIRES HQA-BB2)	HB34S2-CM

HD72HD4

4.33" (109.9 mm)

3.19" (81.0 mm)

HD274HD4

4.80" (122 mm)

1.79" (45.5 mm)

3.5" (88.9 mm)

ORDERING

HD72HD4	4MP Analog Rugged Dome Camera, WDR 120dB, 1/3" CMOS, 2.8mm, 12 IR LEDs, TDN, HQA/SD, 12VDC, IP66/IK10
HD274HD4	4MP Analog Rugged Dome Camera, WDR 120dB, 1/3" CMOS, 2.7-12mm MFZ Lens, 2 IR LEDs, TDN, HQA/SD, 12VDC/24VAC, IP66/IK10

For more information

www.security.honeywell.com

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