

PERFORMANCE SERIES

H4W8PER2V



Network WDR 8MP IR Rugged Mini Dome Camera



| OPERATIONAL | |
|--------------------------|---|
| Video Standard | NTSC / PAL |
| Scanning System | Progressive |
| Image Sensor | 1/2.8" 8 Megapixel progressive CMOS |
| Number Of Pixels(H x V) | 3840 x 2160 |
| Minimum Illumination | 0.007 Lux / F1.5 (color, 30 IRE), 0 Lux / F1.5 (IR ON) |
| S/N Ratio | More than 50 dB |
| Electronic Shutter Speed | 1 / 3 ~ 1 / 100000s |
| IR Distance | Up to 40m(131 ft), depending on scene reflectance |
| IR Light Control | Manual / Smart IR / OFF |
| IR Light Number | 2 |
| Day/Night | Auto (ICR) / Color / B&W |
| Backlight Compensation | BLC / HLC / WDR |
| Wide Dynamic Range | 120 dB |
| White Balance | Auto / Natural / Street Lamp / Outdoor / Manual / Customized Region |
| Gain Control | 0~100 |
| Noise Reduction | 3D NR |
| Privacy Masking | Off / On (4 Areas, Rectangle) |
| Motion Detection | Off / On (4 Zones, Rectangle) |
| Region Of Interest | Off / On (4 Zones) |
| Lens | 2.7 mm~13.5 mm, Motorized, F1.5 |
| Angle Of View | H:113°~31°, V:58°~17° |
| Alarm Input/Output | 1 In; 1 Out |
| VIDEO | |
| Compression | H.265 / H.264 / Smart Codec/ MJPEG (Sub Stream) |
| Resolution | 4K(3840 x 2160) / 6M(3072 x 2048) / 5M(3072 x 1728) / 5M(2592 x 1944) / 4M(2688 x 1520) / 3M(2048 x 1536) / 3M(2304 x 1296) / 1080P(1920 x 1080) / 1.3M(1280 x 960) / 720P(1280 x 720) Sub Stream: D1(704 x 480 / 576) / VGA(640 x 480)CIF(352 x 240/288) |
| Frame Rate | Main stream: 3840 x 2160 / 3072 x 2048 / 3072 x 1728@(1~20 fps by default); 2592 x 1944 / 2688 x 1520 / 2048 x 1536 / 2304 x 1296 / 1920 x 1080 / 1280 x 960 / 1280 x 720 @ (1 ~ 25/30 fps) Sub stream: 704 x 576 / 640 x 480 / 352 x 288@(1 ~ 25 fps); 704 x 480 / 640 x 480 / 352 x 240 @ (1 ~ 30 fps) Third stream: 1920 x 1080 / 1280 x 720 / 704 x 480 / 640 x 480@(1 ~ 25 fps); 1920 x 1080 / 1280 x 720 / 704 x 480 / 640 x 480@(1 ~ 30 fps) |
| Bit Rate Control | CBR/VBR |
| Bit Rate | H.264: 3 Kbps~8192 Kbps H.265: 3 Kbps~8192 Kbps |
| Analytics | Motion Detection, Video Tamper, Scene Change, Smart Motion Detection, Smart Tripwire, Smart Intrusion, Face Detection |
| AUDIO | |
| Interface | 1 In; 1 Out |

| NETWORK | |
|------------------------|--|
| Ethernet | RJ-45 (10/100 Base-T) |
| Supported Web Browsers | Internet Explorer (11.0+) |
| Supported OS | Windows® 7 32-bit / 64-bit; Windows® 10 32-bit / 64-bit |
| Protocols* | HTTP; HTTPS; TCP; ARP; RTSP; RTP; RTCP; UDP; SMTP; DHCP; DNS; PPPoE; IPv4/v6; QoS; UPnP; NTP; Bonjour; IEEE 802.1x; Multicast; ICMP; IGMP; TLS |
| Interoperability | ONVIF Profile S / G / Q / T |
| Maximum Users Access | 20 users |
| Security | User account and password protection HTTPS, IP Filter, Digest authentication, User access log, TLS1.2 only, AES-128 / 256, SSH / Telnet closed, sFTP by default, PCIDSS compliance |
| Event | No SD card, SD card error, Capacity warning, Network disconnection, IP conflict, Illegal access |
| Micro SD | Supports max. 256 GB Micro SD card, Class 10 (not included) |
| ELECTRICAL | |
| Power Supply | DC 12V, PoE (802.3 af)(Class 0) |
| Power Consumption | <8.2W |
| MECHANICAL | |
| Dimensions | Ø122 mm x 88.9 mm (Ø4.80"x3.50") |
| Product Weight | 0.49 kg (1.09 lb) |
| Package Weight | 0.66 kg (1.46 lb) |
| Construction | Die-cast aluminum housing with powder coat |
| Construction Color | RAL 9003 (White) |
| ENVIRONMENTAL | |
| Operating Temperature | -30°C to 60°C (-22°F to 140°F) |
| Relative Humidity | 0% to 95%, non-condensing |
| Ingress Protection | IP66 |
| Vandal Resistance | IK10 |
| REGULATORY | |
| Emissions | FCC Part 15B, EN55032 |
| Immunity | EN 50130-4 |
| Safety | UL 60950-1, EN 62368-1 |
| RoHS | EN 50581 |

* Some development may be required in specific user cases to support some of these protocols in the field as they mature over time.

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RECOMMENDED ACCESSORIES

| SYSTEM INTEGRATION | |
|--------------------|---|
| HEN*4 | 8 / 16 / 32 / 64-Channel Performance Series 4K NVRs (H.264 and H.265) |
| HEN*3 | 4 / 8 / 16 / 32-Channel Performance Series 4K NVRs (H.264 and H.265) |
| HEN*3V | 4 / 8 / 16- Channel Embedded NVRs (H.265) |

| MOUNTS AND ACCESSORIES | | |
|------------------------|---|----------------------|
| HQA-RS |  | Rain Shield Bracket |
| HQA-PK |  | Pendant Mount Cap |
| HQA-WK** |  | Wall Mount Bracket |
| HB34S2-CM |  | Corner Mount Adapter |

| MOUNTS AND ACCESSORIES | | |
|------------------------|---|------------------------------|
| HQA-PM2 |  | Pole Mount Adapter |
| HQA-IC |  | In-Ceiling Bracket |
| HQA-BB4** |  | Junction Box |
| HQA-BB2** |  | Junction Box |
| HQA-CB** |  | Ceiling Mount Bracket |
| HQA-CBE** |  | Ceiling Mount Extend Bracket |

**The HQA-CB must be used when installing the camera to HQA-PK.

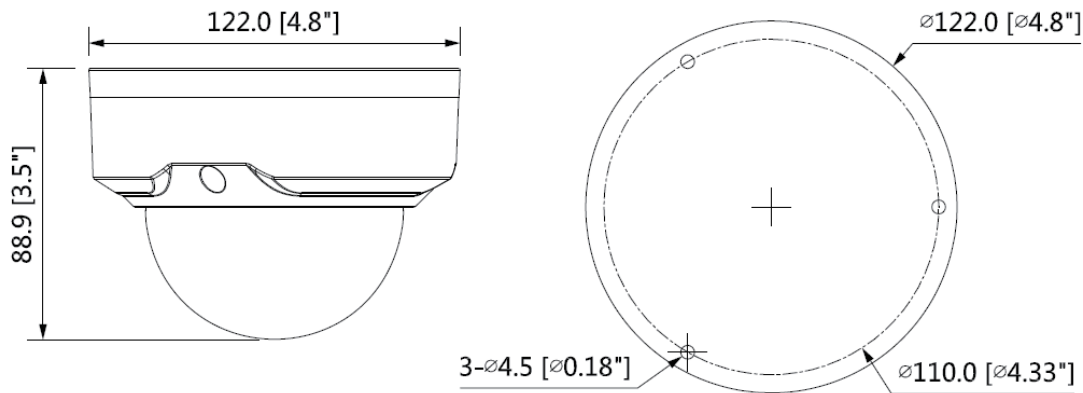
The HQA-CBE must be used with HQA-CB together.

The HQA-WK/HQA-BB2 /HQA-BB4 must be used when installing the camera to HQA-PM2.

The HQA-BB2 must be used when installing the camera to HB34S2-CM.

| ORDERING | |
|-----------|--|
| H4W8PER2V | Network WDR 8MP IR Rugged Mini Dome Camera, 1 / 2.8" CMOS, 2.7 mm-13.5 mm Motorized, 2 IR LEDs, PoE, IP66, IK10, H.265 / Smart Codec |

DIMENSIONS



For more information

buildings.honeywell.com/security

Honeywell Commercial Security

715 Peachtree St. NE
Atlanta, GA 30308
1.800.323.4576
www.honeywell.com

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