

H4W2PER3

Network WDR 1080P IR Rugged Mini Dome Camera






| OPERATIONAL | |
|--------------------------|--|
| VIDEO STANDARD | NTSC/PAL |
| SCANNING SYSTEM | Progressive |
| IMAGE SENSOR | 1/2.8" 2 Megapixel progressive scan CMOS |
| NUMBER OF PIXELS (H x V) | 1920(H) x 1080(V) |
| MINIMUM ILLUMINATION | 0.07 lux/F2.0 (color, 30IRE) 0 lux/F2.0 (IR on) |
| S/N RATIO | More than 45dB |
| ELECTRONIC SHUTTER SPEED | 1/3~1/100000s |
| IR DISTANCE | Up to 30m(98ft), depending on scene reflectance |
| IR LIGHT CONTROL | Manual/SmartIR/OFF |
| IR LIGHT NUMBER | 24 |
| DAY/NIGHT | Auto(ICR) / Color / B/W |
| BACKLIGHT COMPENSATION | BLC / HLC / WDR |
| WHITE BALANCE | Auto/Natural/Street Lamp/Outdoor/Manual/ Customized Region |
| GAIN CONTROL | 0~100 |
| WIDE DYNAMIC RANGE | 120dB |
| NOISE REDUCTION | 3D DNR |
| PRIVACY MASKING | Off / On (4 Areas, Rectangle) |
| MOTION DETECTION | Off / On (4 Zones, Rectangle) |
| REGION OF INTEREST | Off / On (4 Zones) |
| LENS | 2.8mm, Fixed, F2.0 |
| ANGLE OF VIEW | H:107°, V:57° |
| VIDEO | |
| VIDEO COMPRESSION | H.265/H.264H/Smart Codec/MJPEG (Sub Stream) |
| RESOLUTION | 1080P(1920x1080)/1.3M(1280x960)/ 720P(1280x720)/D1(704x576/704x480)/ VGA(640x480)/CIF(352x240/288) |
| FRAME RATE | Main Stream: 1080P(1 ~ 25/30fps); Sub Stream: D1(1 ~ 25/30fps) |
| BIT RATE CONTROL | CBR/VBR |
| BIT RATE | H.265: 12K ~ 6400Kbps H.264: 32K ~ 10240Kbps |
| NETWORK | |
| ETHERNET | RJ-45 (10/100Base-T) |
| SUPPORTED WEB BROWSERS | Internet Explorer (11.0+) |
| SUPPORTED OS | Windows® 7 32-bit/64-bit; Windows® 10 32-bit/64-bit |



| NETWORK (CONT'D) | |
|-----------------------|--|
| 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 |
| 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 | Up to 128 GB microSDHC card, Class 10 (not included) |
| ELECTRICAL | |
| POWER SUPPLY | DC12V, PoE (IEEE802.3af)(Class 0) |
| POWER CONSUMPTION | <4.6W |
| MECHANICAL | |
| DIMENSIONS | Ø109.9mm x 81mm (4.33" x 3.19") |
| PRODUCT WEIGHT | 0.36kg (0.79lb) |
| PACKAGE WEIGHT | 0.50kg (1.10lb) |
| CONSTRUCTION | Die-cast aluminum housing with powder coat |
| CONSTRUCTION COLOR | RAL 9003 (White) |
| ENVIRONMENTAL | |
| OPERATING TEMPERATURE | -30° C ~ +60° C (-22° F ~ +140° F) |
| RELATIVE HUMIDITY | Less than 95%, non-condensing |
| INGRESS PROTECTION | IP66 |
| IMPACT 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 COMPATIBILITY | | MOUNTS AND ACCESSORIES | |
|----------------------|---|------------------------|---|
| HEN*4 | 8/16/32/64-channel Performance Series 4K NVRs (H.264 and H.265) | HQA-PK** |  Pendant Mount Cap |
| HEN*3 | 4/8/16/32-channel Performance Series 4K NVRs (H.264 and H.265) | HQA-CBE** |  Ceiling Mount Extend Bracket for HQA-CB |
| HEN*2 | 4/8/16-channel Performance Series NVRs (H.264) | HQA-CB** |  Ceiling Mount Bracket for Pendant Mount Cap |
| HRHT4* | 4/8/16-channel 4 MP HQA/IP/CVBS Hybrid DVRs (H.264) | | |

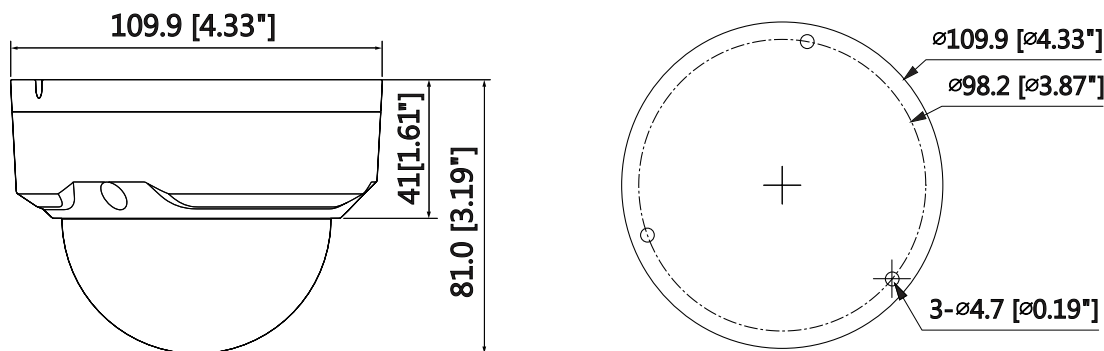
| MOUNTS AND ACCESSORIES | | |
|------------------------|---|--------------------|
| HQA-WK |  | Wall Mount Bracket |
| HQA-PM2 |  | Pole Mount Adapter |

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

ORDERING

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|----------|--|
| H4W2PER3 | Network WDR 1080P IR Rugged Mini Dome Camera, 1/2.8" CMOS, 2.8mm Fixed, 24 IR LEDs, PoE, IP66, H.265/H.264/Smart Codec |
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DIMENSIONS



For more information
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