



HD ONVIF | S | G | Q

H3W2GR1V H3W4GR1V

2MP/4MP Network TDN Low-Light WDR Indoor Dome

| OPERATIONAL | |
|-----------------------------|---|
| VIDEO STANDARD | NTSC/PAL |
| SCANNING SYSTEM | Progressive scan |
| IMAGE SENSOR | H3W2GR1V: 1/2.8" 2Megapixel progressive scan CMOS H3W4GR1V: 1/3" 4Megapixel progressive scan CMOS |
| NUMBER OF PIXELS (H × V) | 2MP - 1920x1080 |
| MINIMUM ILLUMINATION @ F1.6 | H3W2GR1V: 0.001Lux (IR off), 0Lux (In B/W & IR on) H3W4GR1V: 0.01Lux (IR off), 0Lux (In B/W & IR on) |
| S/N RATIO | 50db minimum |
| ELECTRONIC SHUTTER SPEED | Auto/Manual, 1/3~1/100000s |
| IR DISTANCE | 30m |
| DAY/NIGHT | Mechanical ICR (ON / OFF / AUTO selectable) |
| BACKLIGHT COMPENSATION | BLC / HLC / WDR / SAC(Scene Adaptive Control) |
| WIDE DYNAMIC RANGE(WDR) | 120dB (50/60fps off) |
| WHITE BALANCE | Auto/Natural/Street Lamp/Outdoor/Manual/Customize Region |
| GAIN CONTROL | Auto/Manual |
| NOISE REDUCTION | 3D Noise Reduction (ON / OFF selectable) |
| PRIVACY MASKING | Up to 4 configurable areas |
| DEFOG | Auto/Manual/Off |
| LENS | 2.7-13.5 mm MFZ, DC IRIS, optical zoom 5x lens F1.6 |
| ANGLE OF VIEW | H3W2GR1V: FOV depending on different resolution H: 110° - 32°, V: 59° - 19° H3W4GR1V: FOV depending on different resolution H: 110° - 30°, V: 53° - 18° |
| AUDIO/TWO-WAY | Line In/Out, 1 built-in Mic |
| ALARM INPUT/OUTPUT | 2 In / 1 Out |
| ANALOG OUTPUT SUPPORT | Supported |
| ETHERNET | RJ-45 (10/100Base-T) |
| IP SPECIFICATIONS | |
| VIDEO COMPRESSION | H.265+, H.265, H.264 and MJPEG bit rate control (CBR and VBR) |
| RESOLUTION | 16:9 H3W2GR1V: 1080p (1920x1080)/ 720p (1280x720) H3W4GR1V: 3M (2304x1296)/1080p (1920x1080)/ 720p (1280x720) |
| | 4:3 1.3M (1280x960)/VGA (640x480) |
| | OTHER H3W2GR1V: D1 (704x576/704x480)/ CIF (352x288/352x240) H3W4GR1V: 4M(2688x1520)/(2560x1440), /D1 (704x576/704x480)/ CIF(352x288/352x240) |
| FRAME RATE | MAIN STREAM H3W2GR1V: 1080P(1~50/60fps WDR off) H3W4GR1V: 4M(1~25/30fps) |
| | SUB STREAM H3W2GR1V: D1(1~50/60fps WDR off) H3W4GR1V: D1(1~25/30fps) |
| | THIRD STREAM H3W2GR1V: 1080P(1~25/30fps) H3W4GR1V: 4M(1~25/30fps) |
| | H3W2GR1V: Simultaneous Main stream and Third stream at 1080P (Main stream +Third stream <=68fps, WDR off, 2nd stream off) H3W4GR1V: Simultaneous Main stream and Third stream at 4MP (Main stream +Third stream <=34fps, 2nd stream off) |
| AUDIO COMPRESSION | G.711a/ G.711Mu/ AAC/G.726 |
| AUDIO STREAM | Full duplex, simplex |

| IP SPECIFICATIONS | | |
|---------------------------|--|--|
| SUPPORTED WEB BROWSERS | IE11/Chrome (with application)/Firefox (earlier than 52.0 version) | |
| SUPPORTED OS | Windows® 7 32-bit/64-bit; Windows® 10 32-bit/64-bit | |
| SUPPORTED PROTOCOLS* | HTTP; HTTPS; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; IPv4/v6; QoS; UPnP; NTP; Bonjour; 802.1x; Multicast; ICMP; SNMP; SFTP | |
| COMPATIBILITY | ONVIF Profile S, G and Q | |
| MAXIMUM USERS ACCESS | 20 users | |
| SECURITY | User account and password protection HTTPS, IP Filter, IEEE 802.1x, Digest authentication, User access log, TLS1.2, AES-256, SSH/Telnet closed, FTP disabled, PCI-DSS compliance, Hardware chipset for private key | |
| | EVENT TYPE | Motion Detection/Video Tampering/Face Detection/ SD Card Error/SD Card Capacity Warning/Audio Detection/ Object Abandoned/Object Missing/ Tripwire/Intrusion |
| | EVENT LINKAGE | Recording on SD card, Relay output, Email, Snapshot |
| EVENT OUTPUT | ONVIF, ISOM | |
| MICRO SD | Micro SDHC Capacity Max 32GB Micro SDXC Capacity Max 128GB | |
| MICRO SD FUNCTION | Event trigger recording Continuous and scheduled recording Automatic recording when network fails | |
| LANGUAGES SUPPORTED | English, Arabic, Czech, Dutch, French, German, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Turkish | |
| ELECTRICAL | | |
| POWER SUPPLY | PoE(802.3af) Class 0/12VDC/24VAC | |
| LONG DISTANCE POE SUPPORT | 3X POE (300m @100Mbps) | |
| AC FREQUENCY | 50/60 Hz | |
| POWER CONSUMPTION | H3W2GR1V: 11W H3W4GR1V: 10.5W | |
| AUXILIARY POWER SUPPLY | 2.0W, DC12V (+/-5%) | |
| MECHANICAL | | |
| DIMENSIONS | 4.96 × 4.80 in. (126.0 × 122.0 mm) | |
| WEIGHT | H3W2GR1V: Product weight: 1.14lb (519g) Package Weight: 2.07lb (937g) | |
| | H3W4GR1V: Product weight: 1.14lb (516g) Package Weight: 2.04lb (924g) | |
| INGRESS PROTECTION | IP42 | |
| VANDAL RESISTANCE | IK10 (bubble only) | |
| CONSTRUCTION | Plastic | |
| CONSTRUCTION COLOR | RAL 9003 (White) | |
| ENVIRONMENTAL | | |
| OPERATING TEMPERATURE | -22°F to 140°F (-30°C to 60°C) | |
| RELATIVE HUMIDITY | 0% to 95%, non-condensing | |
| REGULATORY | | |
| EMISSIONS | FCC Part 15, CE (EN 55032); Complies with RCM (AS/ NZS) | |
| IMMUNITY | CE (EN 50130-4) | |
| SAFETY | North America UL Listed to UL/CSA 60950-1, CE (EN 60950-1) | |
| ROHS | EN50581 | |

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

2MP/4MP Network TDN Low-Light WDR Indoor Dome

RECOMMENDED ACCESSORIES

SYSTEM INTEGRATION

ONVIF support and open API software integration. Refer to www.onvif.org for the ONVIF specification and the Honeywell Open Technology Alliance website (<http://www.security.honeywell.com/hota/>) to learn more about our open and integrated solutions.



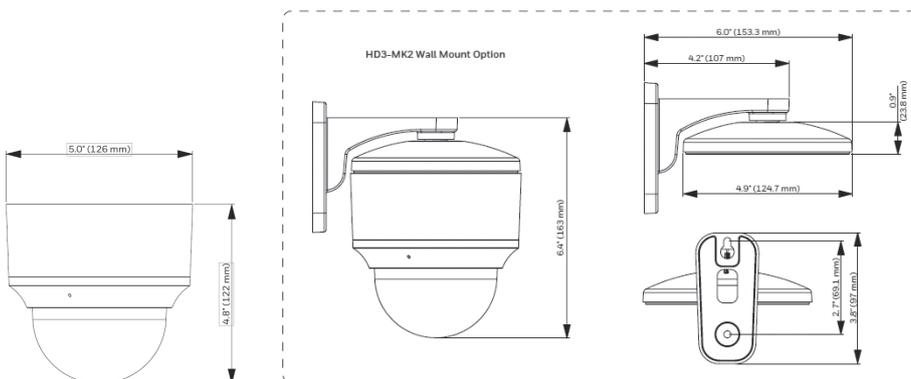
HOUSINGS AND MOUNTS

| | | |
|---|--|--|
| H3G-CB | | Replacement Dome (Clear) |
| H3G-SB | | Replacement Dome (Smoke) |
| HD3-MK2 | | Wall Mount Bracket |
| HPOE3X | | 3X Long Distance POE Switch |
| HLR1001 | | IP over Coax Converter |
| 4S BOX | | 4S Box (Depth no less than 2-1/8", need to purchase from market) |
| HD3IP-5K1+HD5-MK2 + HD5CBL/HD5CWH/HD5TBL/HD5TWH | | Plenum Box |

ORDERING

| | |
|----------|---|
| H3W2GR1V | 2MP Network Low-Light Indoor Dome Camera, TDN, WDR 120dB, 1/2.8" CMOS, 2.7-13.5mm MFZ lens, 2 IR LEDs, H.265, PoE, microphone, IP42 |
| H3W4GR1V | 4MP Network Low-Light Indoor Dome Camera, TDN, WDR 120dB, 1/3" CMOS, 2.7-13.5mm MFZ lens, 2 IR LEDs, H.265, PoE, microphone, IP42 |

DIMENSIONS



For more information

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