



# H3W2GR1V H3W4GR1V

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

| OPERATIONAL              |   |
|--------------------------|---|
| VIDEO STANDARD           | NTSC/PAL  |
| SCANNING SYSTEM          | Progressive scan  |
| IMAGE SENSOR             | <b>H3W2GR1V:</b> 1/2.8" 2Megapixel progressive scan CMOS<br><b>H3W4GR1V:</b> 1/3" 4Megapixel progressive scan CMOS  |
| NUMBER OF PIXELS (H × V) | 2MP (1920x1080) - 4MP (2688x1520)   |
| MINIMUM ILLUMINATION     | <b>H3W2GR1V:</b> Color: 0.001Lux @f/1.6, B/W: 0Lux @f/1.6(IR on)<br><b>H3W4GR1V:</b> Color: 0.01Lux @f/1.6, B/W: 0Lux @f/1.6(IR on)   |
| S/N RATIO                | 50db minimum  |
| ELECTRONIC SHUTTER SPEED | Auto/Manual, 1/3~1/100000s  |
| IR DISTANCE              | 20m   |
| 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            | <b>H3W2GR1V:</b> FOV depending on different resolution<br>H: 110° - 32°, V: 59° - 19°<br><b>H3W4GR1V:</b> FOV depending on different resolution<br>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               | <b>16:9</b><br><b>H3W2GR1V:</b> 1080p (1920x1080)/ 720p (1280x720)<br><b>H3W4GR1V:</b> 3M (2304x1296)/1080p (1920x1080)/ 720p (1280x720)  |
|                          | <b>4:3</b><br>1.3M (1280x960)/VGA (640x480)   |
|                          | <b>OTHER</b><br><b>H3W2GR1V:</b> D1 (704x576/704x480)/ CIF (352x288/352x240)<br><b>H3W4GR1V:</b> 4M(2688x1520)/(2560x1440)/D1 (704x576/704x480)/ CIF(352x288/352x240)   |
| FRAME RATE               | <b>MAIN STREAM</b><br><b>H3W2GR1V:</b> 1080P(1~50/60fps WDR off)<br><b>H3W4GR1V:</b> 4M(1~25/30fps)   |
|                          | <b>SUB STREAM</b><br>H3W2GR1V: D1(1~50/60fps WDR off)<br>H3W4GR1V: D1(1~25/30fps)   |
|                          | <b>THIRD STREAM</b><br><b>H3W2GR1V:</b> 1080P(1-25/30fps)<br><b>H3W4GR1V:</b> 4M(1-25/30fps)  |
|                          | <b>H3W2GR1V:</b> Simultaneous Main stream and Third stream at 1080P (Main stream +Third stream <=68fps, WDR off, 2nd stream off)<br><b>H3W4GR1V:</b> 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  |
| 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     |
|                           | <b>BUILT-IN ALARM &amp; EVENT</b><br><b>EVENT TYPE</b><br>Motion Detection/Video Tampering/Face Detection/ SD Card Error/SD Card Capacity Warning/Audio Detection/ Object Abandoned/Object Missing/Tripwire/ Intrusion |
|                           | <b>EVENT LINKAGE</b><br>Recording on SD card, Relay output, Email, Snapshot  |
|                           | <b>EVENT OUTPUT</b><br>ONVIF, ISOM   |
| MICRO SD                  | Micro SDHC Capacity Max 32GB Micro SDXC Capacity Max 128GB   |
| MICRO SD FUNCTION         | Event trigger recording<br>Continuous and scheduled recording<br>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         | <b>H3W2GR1V:</b> 11W<br><b>H3W4GR1V:</b> 10.5W   |
| AUXILIARY POWER SUPPLY    | 2.0W , DC12V (+/-5%)   |
| MECHANICAL                |  |
| DIMENSIONS                | 4.96 × 4.80 in. (126.0 × 122.0 mm)   |
| WEIGHT                    | <b>H3W2GR1V:</b> Product weight: 1.14lb (519g) Package Weight: 2.07lb (937g)<br><b>H3W4GR1V:</b> Product weight: 1.14lb (516g) Package Weight: 2.04lb (924g)   |
| CONSTRUCTION              | Plastic  |
| CONSTRUCTION COLOR        | RAL 9003 (White)   |
| INSTALLATION              | Surface mount, Flush mount (bracket supplied) or Wall mount using <b>HD3-MK2</b>   |
| 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: RCM (AS/NZS)   |
| IMMUNITY                  | CE (EN 50130-4)  |
| SAFETY                    | North America UL Listed to UL/CSA 60950-1, CE (EN 60950-1)   |
| ROHS                      | EN50581  |

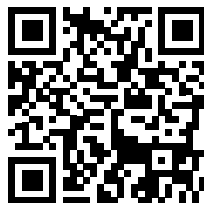
\* Some development may be required in specific user cases to support some of these protocols in the field as they mature over time.

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

## RECOMMENDED ACCESSORIES

### SYSTEM INTEGRATION

ONVIF support and open API software integration. Refer to [www.onvif.org](http://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.



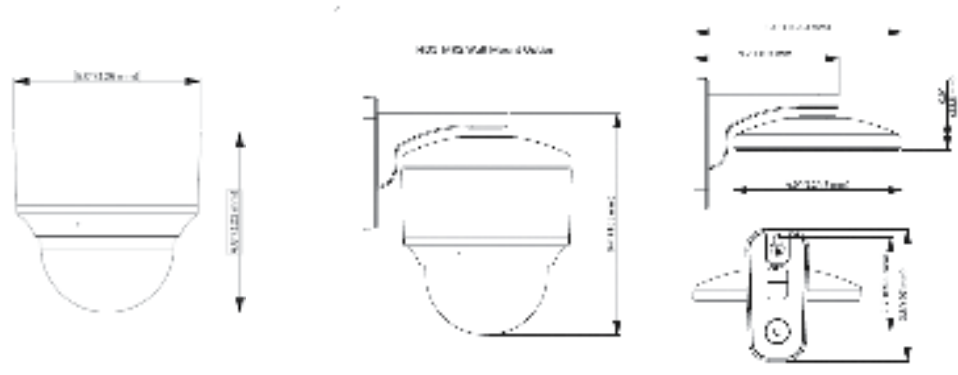
### HOUSINGS AND MOUNTS

|  |  |  |
|--|--|--|
| 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<br>+ HD5CBL/HD5CWH/<br>HD5TBL/HD5TWH |  | Plenum Box   |

### ORDERING

|          |  |
|----------|--|
| H3W2GR1V | Network TDN Low Light WDR IR Indoor Dome Camera, 1/2.8" 2 Megapixel progressive scan CMOS, 2.7-13.5 mm MFZ, 3 IR LEDs, PoE, H.265. |
| H3W4GR1V | Network TDN WDR IR Indoor Dome Camera, 1/3" 4 Megapixel progressive scan CMOS, 2.7-13.5 mm MFZ, 3 IR LEDs, PoE, H.265.             |

## DIMENSIONS



### For more information

[www.honeywellvideo.com](http://www.honeywellvideo.com)

### Honeywell Security and Fire

2700 Blankenbaker Pkwy, Suite  
150 Louisville, KY 40299  
1.800.323.4576  
[www.honeywell.com](http://www.honeywell.com)

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