

# H2W2GR1

Network TDN Low-Light  
WDR 2MP Micro Dome Camera





HD ONVIF® | S G G

OPERATIONAL	
VIDEO STANDARD	NTSC/PAL
SCANNING SYSTEM	Progressive scan
IMAGE SENSOR	1/2.8" 2Megapixel progressive scan CMOS
NUMBER OF PIXELS (H × V)	2MP - 1920x1080
MINIMUM ILLUMINATION	Color : 0.001Lux @f/2.0, B/W : 0Lux @f/2.0(IR on)
S/N RATIO	50 db minimum
ELECTRONIC SHUTTER SPEED	Auto/Manual, 1/3~1/100000s
IR DISTANCE	15m
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	2.8mm, F2.0
ANGLE OF VIEW	H: 110°, V: 58°
AUDIO/TWO-WAY	1 Built-in Mic
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 1080p (1920x1080)/ 720p (1280x720)
	4:3 1.3M (1280x960)/VGA (640x480)
	OTHER D1 (704x576/704x480)/ CIF (352x288/352x240)
FRAME RATE	MAIN STREAM 1080P(1~50/60fps WDR off)
	SUB STREAM D1(1~50/60fps WDR off)
	THIRD STREAM 1080P(1-25/30fps)
	Simultaneous Main stream and Third stream at 1080P (Main stream +Third stream <=68fps, WDR off, 2nd stream off)
AUDIO COMPRESSION	G.711a/ G.711Mu/ AAC/G.726
AUDIO STREAM	Simplex
SUPPORTED WEB BROWSERS	IE11/Chrome(with application)/Firefox(earlier 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

IP SPECIFICATIONS (CONT.)	
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
BUILT-IN ALARM & EVENT	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, Email, Snapshot
	EVENT OUTPUT ONVIF, ISOM
MICRO SD	Micro SDHC Capacity Max 32GB Micro SDXC Capacity Max 128GB
MICRO SD FUNCTION	<ul style="list-style-type: none"> <li>Event trigger recording</li> <li>Continuous and scheduled recording</li> <li>Automatic recording when network fails</li> </ul>
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
POWER CONSUMPTION	Max 4.4W
MECHANICAL	
DIMENSIONS	109.9 x 55.0mm (4.33 x 2.17in.)
WEIGHT	Product weight: 334g (0.74lb) Package Weight: 730g (1.61lb)
CONSTRUCTION	Die-cast aluminum housing with powder coat
CONSTRUCTION COLOUR	RAL 9003 (White)
ENVIRONMENTAL	
OPERATING TEMPERATURE	-30°C to 60°C (-40°F to 140°F)
RELATIVE HUMIDITY	0% to 95%, non-condensing
GORE VENTS	Yes
INGRESS PROTECTION	IP67
IMPACT RESISTANCE	IK10
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

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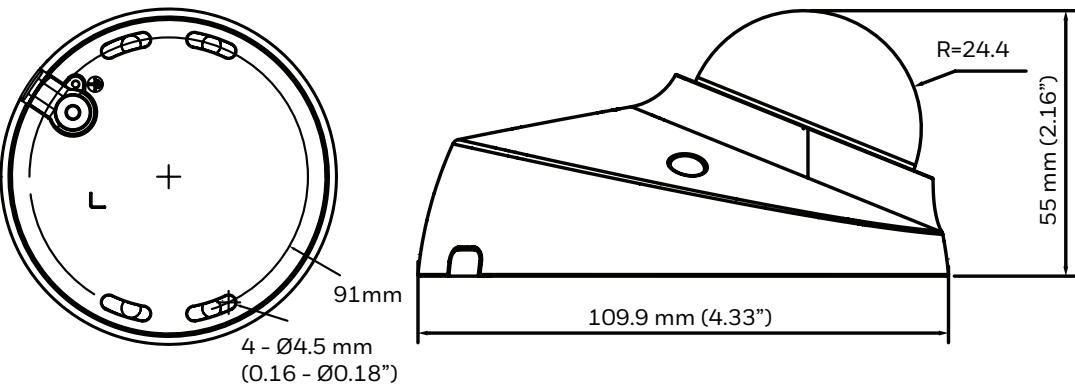
## RECOMMENDED ACCESSORIES

SYSTEM INTEGRATION		HOUSING AND MOUNTS	
ONVIF support and open API software integration. Refer to <a href="http://www.onvif.org">www.onvif.org</a> for the ONVIF specification and the Honeywell Open Technology Alliance website ( <a href="http://www.security.honeywell.com/hota/">http://www.security.honeywell.com/hota/</a> ) to learn more about our open and integrated solutions.		HEPM	 Micro Dome Pendant Adapter
		HDZCM1	 Ceiling Mount Bracket
		HLR1001	 IP over Coax Converter
		HPOE3X	 3X Long Distance POE Switch
		GANG BOX/ DOUBLE GANG BOX/4S BOX	 Gang Box/ Double Gang Box/4S Box (need to purchase from market)
		HEJB/ HEJB2	 Junction Box

## ORDERING

H2W2GR1	Network TDN Low Light WDR IR Micro Dome Camera, 1/2.8" 2 Megapixel progressive scan CMOS, 2.8mm, PoE, H.265
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## DIMENSIONS



### For more information

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

### Honeywell Security and Fire

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