

H2W2GR1

Network TDN Low-Light
WDR 2MP Micro Dome Camera



HD ONVIF® | S G Q

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	Colour: 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	
	EVENT TYPE	Motion Detection/Video Tampering/Face Detection/SD Card Error/SD Card Capacity Warning/Audio Detection/ Object Abandoned/Object Missing/Tripwire/Intrusion
BUILT-IN ALARM & EVENT	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"> 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	
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

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.



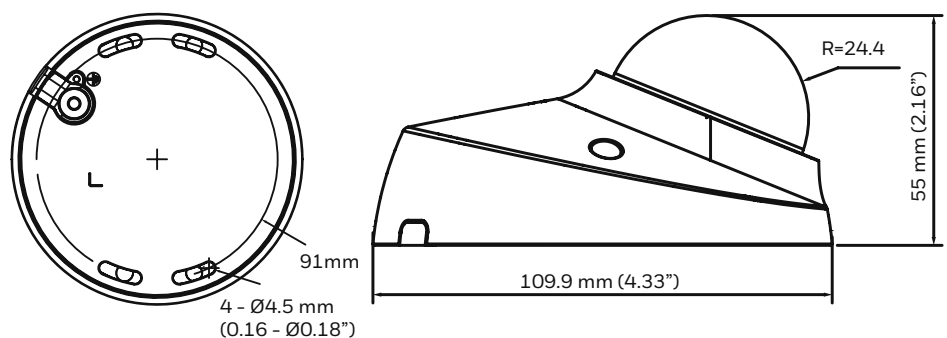
HOUSING AND MOUNTS

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		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+

DIMENSIONS



For more information

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HSV-H2W2GR1-02-UK(0618)DS-Z
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