

# 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"> <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	

# Network TDN Low-Light WDR 2MP Micro Dome Camera

## 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.



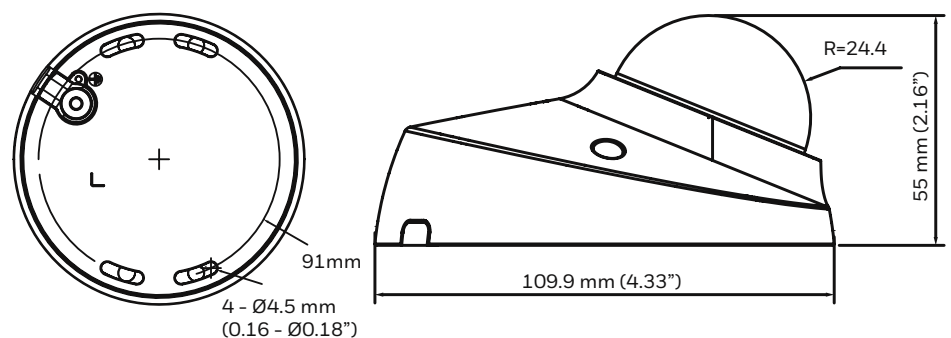
### HOUSING AND MOUNTS

HEPM		Micro Dome Pendant Adapter
HDZCM1		Ceiling Mount Bracket
HLR1001		IP over Coax Converter
HPOE3X		3X Long Distance POE Switch
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

[www.honeywell.com/security/uk](http://www.honeywell.com/security/uk)

### Honeywell Security

Aston Fields Road  
Whitehouse Industrial Estate  
Runcorn, Cheshire, WA7 3DL  
United Kingdom  
Tel: +44 (0)8448 000 235

Honeywell Security Office  
Emaar Business Park, Sheikh Zayed Road  
Building No. 2, 2nd floor, 201  
Post Office Box 232362  
Dubai, United Arab Emirates  
Tel: +971 44541704  
[www.honeywell.com](http://www.honeywell.com)

ONVIF and the ONVIF logo are trademarks of ONVIF Inc. Honeywell reserves the right, without notification, to make changes in product design or specifications.

HSV-H2W2GR1-03-UK(0918)DS-Z  
© 2018 Honeywell International Inc.

**Honeywell**