

TDN WDR IR Micro Dome Camera

H2W2PRV3/H2W4PRV3

Honeywell's compact H2W2PRV3/H2W4PRV3 micro dome cameras are taking quality and reliability to the next level, providing outstanding picture clarity and hassle-free flexible system integration.

Superior Image Quality

- Full HD 1080p 25/30 fps image with a 1/2.7" 2 megapixel sensor or full HD 4 MP 20 fps image with a 1/3" 4 megapixel sensor
- Wide Dynamic Range, up to 120 dB, ensures glare-free images
- True Day/Night provides vivid color images by day and clear black-and-white images at night with ICR
- Excellent low-light performance with 3D noise reduction, saving storage and bandwidth

Flexible Surveillance Solution

- 2.8 mm fixed lens at F2.0
- H.264 and MJPEG codec, triple stream support
- IR LEDs provide up to 65 ft (20 m) of illumination in dimly lit or nighttime scenes (depending on scene reflectance)
- Smart IR technology provides even distribution of IR
- Weatherproof (IP66) and impact-resistant (IK10) camera housing
- -22°F to 140°F (-30°C to 60°C) working temperature
- Plug-and-play compatible with Honeywell 4/8/16-channel Performance Series Embedded NVRs

Easy to Install and Use

- Built-in PoE (Power over Ethernet) eliminates need for separate power supply and associated wiring; 12 VDC inputs where PoE power is unavailable
- Remote configuration through web client or from the NVR
- Compatible with Honeywell's HQA-BB3 junction box, HQA-WK2 wall mount, HQA-PM pole mount, and HB34S2-CM corner mount



Market Opportunities

These flexible, fully featured cameras are ideal for a wide range of surveillance applications, providing excellent picture quality at minimal bandwidth while offering reliable protection against dust, dirt, and water.

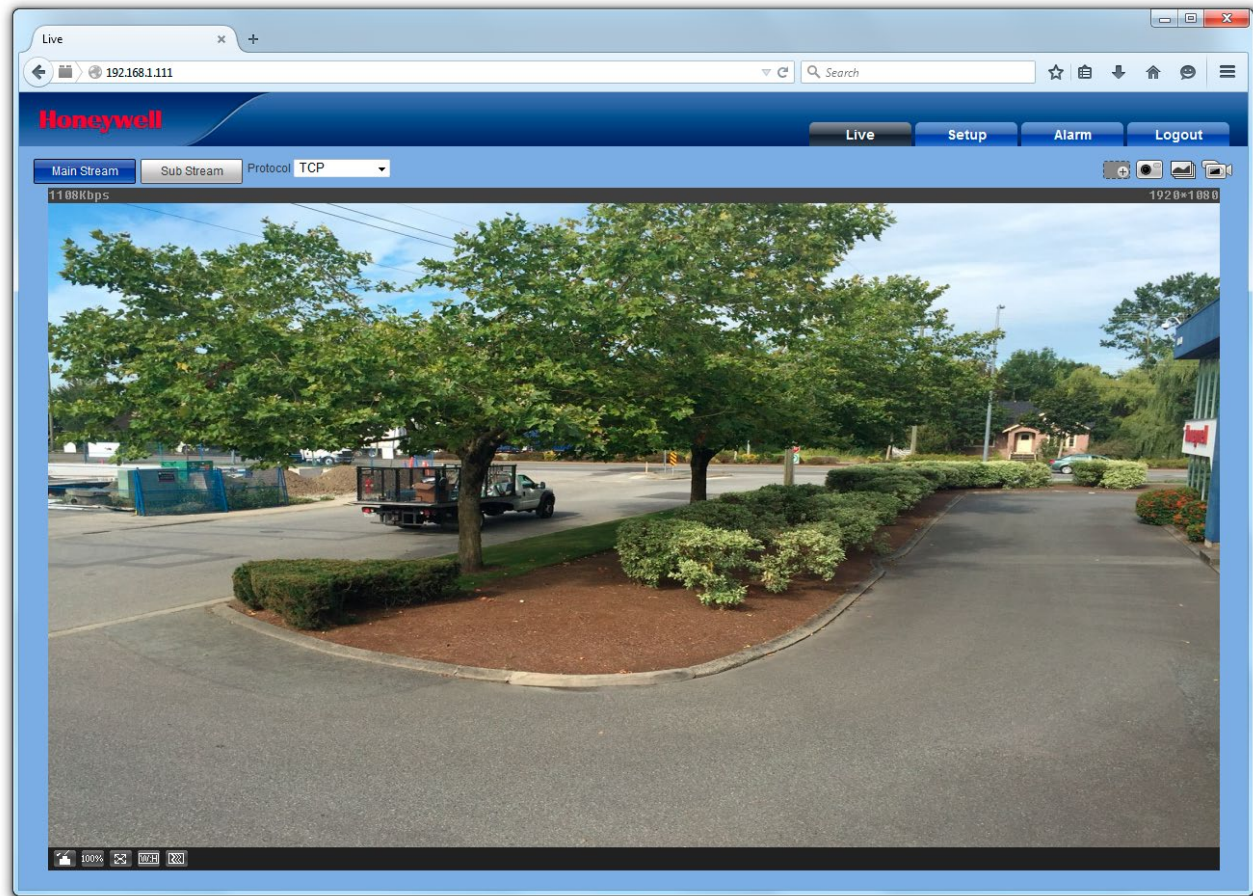
FEATURES AND BENEFITS

- | | | | |
|---|---|---|---|
| <ul style="list-style-type: none">• 1/2.7" 2 MP or 1/3" 4 MP progressive scan imager• 2.8 mm fixed lens• True day/night (IR-cut filter)• Wide dynamic range up to 120 dB | <ul style="list-style-type: none">• Low-light performance down to 0.01 lux (color) or 0 lux with IR LEDs on• Up to 65 ft (20 m) IR illumination, depending on scene reflectance• H.264 Main Profile compression | <ul style="list-style-type: none">• Triple stream support• Supports up to 20 connections• Corridor mode• PoE, 12 VDC support | <ul style="list-style-type: none">• Plug-and-play compatible with Honeywell Performance Series Embedded NVRs• IP66 and IK10-rated rugged housing |
|---|---|---|---|

TDN WDR IR Micro Dome Camera

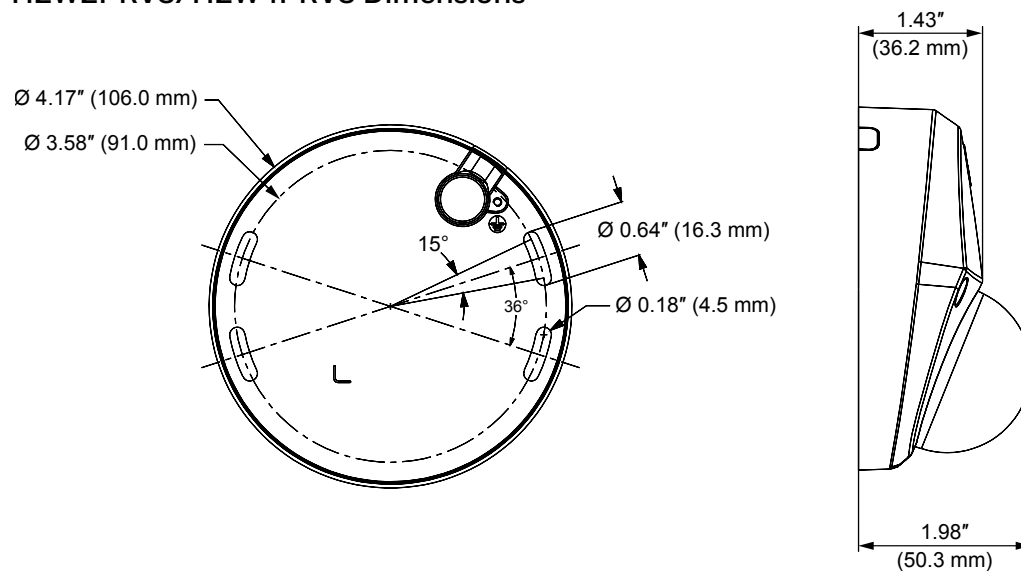
Security Features

The camera can be configured to automatically detect and respond to events such as motion in the scene and/or camera tampering. Automated responses include sending a notification through email, FTP, and/or HTTP, and sending a still image of the event through email and/or FTP. Setup can be done using the web client or from an NVR.



DIMENSIONS

H2W2PRV3/H2W4PRV3 Dimensions



TDN WDR IR Micro Dome Camera

SPECIFICATIONS

OPERATIONAL	
VIDEO STANDARD	NTSC/PAL
SCANNING SYSTEM	Progressive scan
IMAGE SENSOR	H2W2PRV3: 1/2.7" 2 MP CMOS H2W4PRV3: 1/3" 4 MP CMOS
NUMBER OF PIXELS (H×V)	H2W2PRV3: 1920×1080 (2 MP) H2W4PRV3: 2688×1520 (4 MP)
MINIMUM ILLUMINATION	0.01 lux, F1.4 (color) 0 lux (B/W with IR LEDs on)
S/N RATIO	50 dB or more
ELECTRONIC SHUTTER SPEED	1/3–1/100 000 s
IR DISTANCE	Up to 65 ft (20 m), depending on scene reflectance
DAY/NIGHT	Auto(ICR)/Color/BW
BACKLIGHT COMPENSATION	BLC/HLC/WDR (120 dB)
WHITE BALANCE	Auto/Sunny/Night/Outdoor/ Manual
GAIN CONTROL	Auto/Manual
NOISE REDUCTION	3DNR
PRIVACY MASKING	Up to 4 areas
MOTION DETECTION	Up to 4 areas
LENS	2.8 mm, F2.0
HORIZONTAL ANGLE OF VIEW	H2W2PRV3: 120° H2W4PRV3: 106°
CORRIDOR MODE	Yes
VIDEO	
VIDEO COMPRESSION	H.264/H.264H/H.264B/MJPEG
FRAME RATE	H2W2PRV3: 25/30 fps @ 1920 ×1080 (2 MP), 25/30fps @ 1280×1024 (SXGA), 25/30fps @ 1280×960 (1.3 MP), 1280×720 (720p), 704×576/704×480 (D1), 352×288/352×240 (CIF) H2W4PRV3: 20 fps @ 2688×1520 (4 MP); 20 fps @ 2560 × 1440 (4 MP); 25/30 fps @2304×1296 (3 MP), 1920×1080 (1080p), 25/30fps @ 1280×1024 (SXGA), 25/30fps @ 1280×960 (1.3 MP), 1280×720 (720p), 704×576/ 704×480 (D1), 352×288/352×240 (CIF)
BIT RATE (H.264)	32 Kbps – 10 Mbps
LOCAL STORAGE	microSD, 128 GB max. (not supplied)

AUDIO	
COMPRESSION	G.711, AAC
INTERFACE	Built-in mic
NETWORK	
ETHERNET	RJ-45 (10/100Base-T)
PROTOCOLS*	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/ IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1X
COMPATIBILITY	ONVIF Profile S, Profile G*
MAX. USER ACCESS	20 users
MOBILE DEVICES	HonView Touch for iPhone and Android devices
ELECTRICAL	
POWER SUPPLY	PoE IEEE 802.3af Class 0, 12 VDC
POWER CONSUMPTION	5.0 W max.
MECHANICAL	
DIMENSIONS	4.17 × 1.98 in. (106.0 × 50.3 mm)
WEIGHT	1.04 lb (0.47 kg)
CONSTRUCTION	Die-cast aluminum housing with powder coat
CONSTRUCTION COLOR	RAL 9003 (White)
ENVIRONMENTAL	
TEMPERATURE	–22°F to 140°F (–30°C to 60°C)
RELATIVE HUMIDITY	0–95%, non-condensing
INGRESS PROTECTION	IP66
IMPACT RESISTANCE	IK10
REGULATORY	
EMISSIONS	FCC Part 15, CE (EN 55032)
IMMUNITY	CE (EN 50130-4)
SAFETY	North America UL Listed to UL/CSA 60950-1, CE (EN 60950-1)

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

TDN WDR IR Micro Dome Camera

SPECIFICATIONS

SYSTEM INTEGRATION

OPEN IP 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



SYSTEM COMPATIBILITY

NVRS

HEN041*2(X)	H.264 4-Channel 1080p Embedded Network Video Recorder
HEN081*2(X)	H.264 8-Channel 1080p Embedded Network Video Recorder
HEN161*2(X)	H.264 16-Channel 1080p Embedded Network Video Recorder

ORDERING

ACCESSORIES

MOUNTS

HQA-BB3	Junction box
HQA-WK2	Wall mount
HQA-PM	Pole mount (requires HQA-WK2)
HB34S2-CM	Corner mount (requires HQA-BB3)

CAMERAS

H2W2PRV3	Network TDN WDR IR Micro Dome Camera, 1/2.7" CMOS, 2 MP, 2.8 mm Fixed, 10 IR LEDs, PoE, H.264
H2W4PRV3	Network TDN WDR IR Micro Dome Camera, 1/3" CMOS, 4 MP, 2.8 mm Fixed, 10 IR LEDs, PoE, H.264

For more information

www.honeywell.com/security

Honeywell Security and Fire

2700 Blankenbaker Pkwy, Suite 150
Louisville, KY 40299
1.800.323.4576
www.honeywell.com

Honeywell reserves the right, without notification, to make changes in product design or specifications.

L/MCDMCD/D | 11/16
© 2016 Honeywell International Inc.

Honeywell