# H2W2PC1M

## Network WDR 2MP People Counting Camera

### Performance Series 2 & 4 MP

Take Advantage of Honeywell's Performance
Series of High Resolution IP Cameras

Honeywell is taking quality and reliability to the next level with the launch of the new Performance Series line of 2 and 4 MP cameras in addition to already existing 3MP and 4K cameras. The Honeywell cameras, including rugged dome, eyeball and bullet cameras offer incomparable picture clarity, hassle-free flexible system integration, and secure data transmission—and they install easily too!

### Superior HD Image Quality

- High picture quality with new 2 and 4 MP cameras for applications that require high details

- True WDR (120 dB) in 4 MP cameras ensures glare-free images

- True Day/Night provides vivid color images by day and clear black-and-white images at night using a removable IR cut filter

- Excellent low-light performance with 3D noise reduction, saving storage and bandwidth together with H.265 Profile codec

### Flexible Surveillance Solution

- A wide range of lenses and zoom options for all types of installations

- IR LEDs provide illumination in dimly lit or nighttime scenes

- Smart IR technology provides even distribution of IR (depending on camera models)

- Waterproof (IP66) and IK10 impact-resistant camera housing (rugged outdoor housings, depending on model)

- ONVIF Profile S and G compliant

- Cameras can use plug-and-play installation with Honeywell Performance Series NVRs

### Onboard Video Storage

- Supports microSDHC (Class 10) card for local video storage when network is interrupted (depending on model, card not included)

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**ONVIF® | SGQ**

### Easy to Install and Use

- Built-in PoE or PoE+ (Power over Ethernet) eliminates separate power supply and associated wiring

- Remote configuration, motorized zoom adjustments and auto focus through web client or from the NVR

- Wide range of mounting options for the different camera housings include wall mounts, pendant mounts, pole and corner adapters and junction boxes support many types of security situations

### Market Opportunities

These fully featured attractive cameras are perfect for that requires high resolution True Day/Night cameras for any scenario. The Performance Series provides excellent picture clarity at minimal bandwidth while offering maximum protection against dust, dirt, and water. Boasting modern designs and offering up to 4MP high definition images, these cameras are suited for a wide range of security applications.

**Honeywell**

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### OPERATIONAL

| | |
|---|---|
| VIDEO STANDARD | NTSC/PAL |
| SCANNING SYSTEM | Progressive |
| IMAGE SENSOR | 1/2.8" 2Megapixel progressive scan CMOS |
| NUMBER OF PIXELS (H × V) | 1920(H) x 1080(V) |
| MINIMUM ILLUMINATION | 0.08lux/F2.0( Color,30IRE) 0.04Lux/F2.0( B/W,30IRE) |
| S/N RATIO | More than 45dB |
| ELECTRONIC SHUTTER SPEED | 1/3~1/100000s |
| IR DISTANCE | N/A |
| DAY/NIGHT | Auto(ICR) / Color / B/W |
| BACKLIGHT COMPENSATION | BLC / HLC / WDR |
| WHITE BALANCE | Auto/Natural/Street Lamp/Outdoor/Manual/Customized Region |
| GAIN CONTROL | 0~100 |
| WIDE DYNAMIC RANGE | 120dB |
| NOISE REDUCTION | 3D DNR |
| PRIVACY MASKING | Off / On (4 Areas, Rectangle) |
| MOTION DETECTION | Off / On (4 Zones Rectangle) |
| REGION OF INTEREST | Off / On (4 Zones) |
| FACE DETECTION | Supported |
| AUDIO DETECTION | Supported |
| PEOPLE COUNTING | Supported |
| LENS | 2.1mm, F2.0  Fixed, Board-in |
| ANGLE OF VIEW | H: 128°, V:70° |

### VIDEO

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|---|---|
| VIDEO COMPRESSION | H.265/H.264H/Smart Codec/MJPEG (Sub Stream) |
| RESOLUTION | 1080P(1920x1080)/1.3M(1280x960)/720P(1280×720)/D1(704×480/576)/CIF(352×240/288) |
| FRAME RATE | Main Stream: 1080P (1~50/60fps) Sub Stream: D1(1~50/60fps) Third Stream: 1080P(1~25/30fps) |
| BIT RATE CONTROL | CBR/VBR |
| BIT RATE | H.264: 24~9472Kbps<br>H.265: 14~5632Kbps |

### NETWORK

| | |
|---|---|
| ETHERNET | RJ-45 (10-100Base-T) |
| SUPPORTED WEB BROWSERS | Internet Explorer (11.0+) |
| SUPPORTED OS | Windows® 7 32-bit/64-bit;<br>Windows® 10 32-bit/64-bit |
| PROTOCOLS* | HTTP; HTTPs; TCP; ARP; RTSP; RTP; RTCP; UDP; SMTP; DHCP; DNS; PPPoE; IPv4/v6; QoS; UPnP; NTP; Bonjour; IEEE 802.1x; Multicast; ICMP; IGMP; TLS |
| INTEROPERABILITY | ONVIF Profile S/G/Q |
| MAXIMUM USERS ACCESS | 20 Users |
| SECURITY | User account and password protection HTTPS, IP Filter, 128/256, SSH/Telnet closed, sFTP by default, PCIDSS compliance |
| EVENT | No SD card, SD card error, Capacity warning, Network disconnection, IP conflict, Illegal access |
| MICRO SD | Up to 128 GB microSDHC card, Class 10 (not included) |

### AUDIO

| | |
|---|---|
| COMPRESSION | G.711a /G.711Mu /AAC /G.726 |
| INTERFACE | Built-in Mic |

### ELECTRICAL

| | |
|---|---|
| POWER SUPPLY | DC12V, PoE (802.3af)(Class 0) |
| POWER CONSUMPTION | <4.5W |

### MECHANICAL

| | |
|---|---|
| DIMENSIONS | Ø106mm×50.3mm (4.17"×1.98") |
| PRODUCT WEIGHT | 0.32kg (0.71lb) |
| PACKAGE WEIGHT | 0.46kg (1.01lb) |
| CONSTRUCTION | Die-cast aluminum housing with powder coat |
| CONSTRUCTION COLOR | RAL 9003 (White) |

### ENVIRONMENTAL

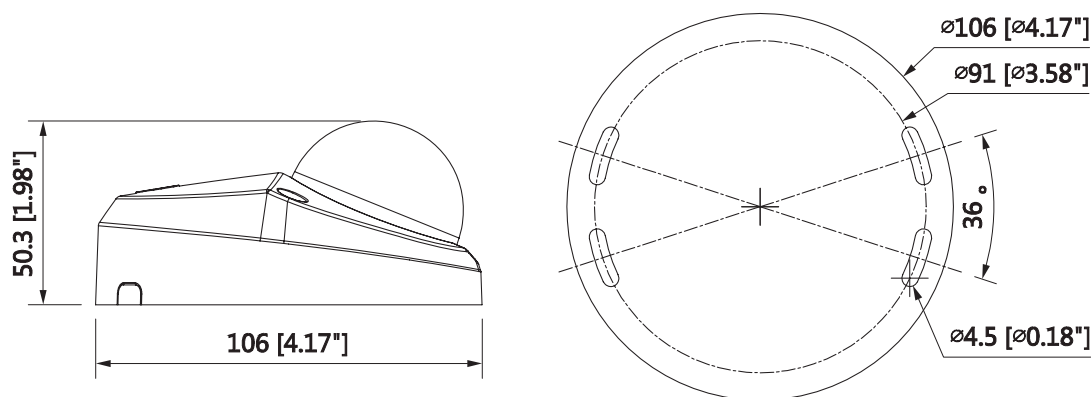| | |
|---|---|
| OPERATING TEMPERATURE | -30ºC ~ +60ºC (-22ºF ~ +140ºF) |
| RELATIVE HUMIDITY | Less than 95%, non-condensing |
| INGRESS PROTECTION | IP66 |
| IMPACT RESISTANCE | IK10 |

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

## ORDERING

| H2W2PC1M | Network WDR 2MP People Counting Camera, 1/2.8" CMOS, 2.1mm Fixed, PoE, IP66, H.265/H.264/Smart Codec, support mobile |
| --- | --- |

## DIMENSIONS



50.3 [1.98"]

106 [4.17"]

∅106 [∅4.17"]
∅91 [∅3.58"]
36°
∅4.5 [∅0.18"]

**H2W2PC1M**
**3NETWORK WDR 2MP**
**PEOPLE COUNTING CAMERA**

**Honeywell**