

HPW2P1

Network WDR 2MP Pinhole 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)

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.

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OPERATIONAL	
VIDEO STANDARD	NTSC/PAL
SCANNING SYSTEM	Progressive scan
IMAGE SENSOR	1/2.7" 2 Megapixel progressive scan CMOS
NUMBER OF PIXELS (H × V)	1920(H) x1080(V)
MINIMUM ILLUMINATION	0.082lux/F2.4(Color,30IRE) 0.18Lux/F2.4(B/W,30IRE)
S/N RATIO	More than 45dB
ELECTRONIC SHUTTER SPEED	1/3~1/100000s
IR DISTANCE	N/A
DAY/NIGHT	Auto(Electronic) / 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
LENS	2.8mm, Fixed, F2.4, Board-in
ANGLE OF VIEW	H: 108°, V: 60°
VIDEO	
VIDEO COMPRESSION	H.264/H.264B/H.264H/H.265/Smart Codec/MJPEG (Sub Stream)
RESOLUTION	1080P(1920×1080)/960P(1280×960)/720P(1280× 720)/D1(704×480/576)/VGA(640×480)/ CIF(352×240/288)
FRAME RATE	Main Stream: 1080p (1 ~ 25/30fps) Sub Stream: D1(1 ~ 25/30fps)
BIT RATE CONTROL	CBR/VBR
BIT RATE	H.265: 12K ~ 6400Kbps H.264: 32K ~ 8192Kbps

NETWORK	
ETHERNET	RJ-45 (10/100BASE-T)
SUPPORTED WEB BROWSERS	Internet Explorer (11.0+)
SUPPORTED OS	Windows® 7 32-bit/64-bit; 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/Q
MAXIMUM USERS ACCESS	20 Users
SECURITY	User account and password protection HTTPS, IP Filter, Digest authentication, User access log, TLS1.2 only, AES-128/256, SSH/Telnet closed, sFTP by default, PCIDSS compliance
EVENT	Network disconnection, IP conflict, Illegal access, Voltage Detection

AUDIO	
COMPRESSION	G.711a/ G.711Mu/ AAC/ G.726
INTERFACE	1/1 channel In/Out

ELECTRICAL	
POWER SUPPLY	DC12V
POWER CONSUMPTION	<1.5W

MECHANICAL	
DIMENSIONS	44.9mm × 57.7mm×34.35mm (1.77" x 2.27" x 1.35")
PRODUCT WEIGHT	0.10Kg (0.22lb)
PACKAGE WEIGHT	0.17Kg (0.37lb)
CONSTRUCTION	Die-cast aluminum housing with powder coat
CONSTRUCTION COLOR	RAL 9005 (Black)

ENVIRONMENTAL	
OPERATING TEMPERATURE	−22°F to 144°F (−30°C to 60°C)
RELATIVE HUMIDITY	Less than 95%, non-condensing
INGRESS PROTECTION	N/A

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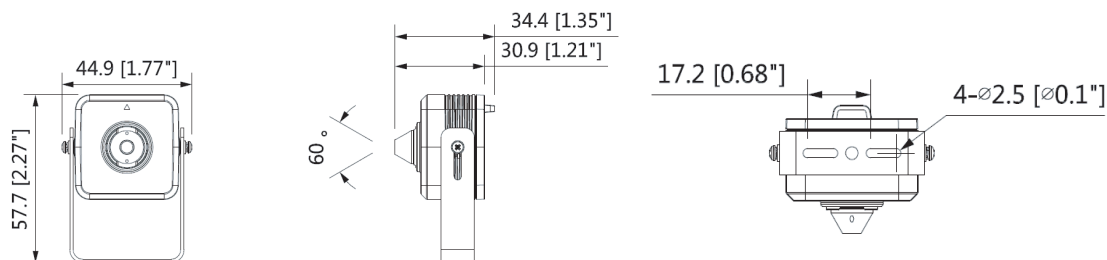
D79G-3FADK	
EMISSIONS	FCC Part15B, EN 55032
IMMUNITY	EN 50130-4
SAFETY	EU: EN 60950-1 , EN 62368-1
ROHS	EN 50581

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

ORDERING

HPW2P1	Network WDR 2MP Pinhole Camera, 1/2.7" CMOS, 2.8mm Fixed, 12VDC, H.265/H.264/Smart Codec
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DIMENSIONS



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PINHOLE CAMERA

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