

HBD1PR1/HBD3PR1/HBD3PR2

www.honeywellvideo.com

PERFORMANCE SERIES IP 1.3 MP/3 MP TRUE DAY/NIGHT IR INDOOR/OUTDOOR BULLET CAMERA

The HBD1PR1, HBD3PR1, and HBD3PR2 are affordable, fully featured IP cameras that pair perfectly with a Performance Series NVR.

Superior Image Quality

- HBD3PR1/HBD3PR2: 3 MP (20 fps) and Full HD 1080p (25/30 fps) image with 1/3" 3 MP sensor, no distortion of image in 16:9 display, 12.5% more horizontal pixel density than conventional 3 MP 4:3 cameras
- HBD1PR1: 1.3 MP (25/30fps) and HD 720p (25/30 fps) image with 1/3" 1.3 MP sensor
- True Day/Night capability, vivid color pictures by day and clear black-and-white pictures at night with mechanical IR cut filter
- Excellent low-light performance with 3D Noise Reduction, saving storage and bandwidth together with H.264 High Profile codec

Flexible Surveillance Solution

- IR LEDs provide up to 100 ft (30 m) of illumination in dimly lit or nighttime scenes, depending on scene reflectance
- Smart IR technology for even distribution of IR
- Waterproof (IP66) camera housing is perfect for outdoor installations
- 2.7–12 mm F1.4 motorized focus/zoom lens (HBD3PR2) and 3.6 mm F2.1 fixed lens (HBD1PR1/HBD3PR1) provide wide range of field of view options
- Monitor from anywhere using HonView Touch mobile app for both Apple® and Android™ smart phones and tablet computers
- Configurable motion detection and camera

Easy to Install and Use

- Built-in PoE (Power over Ethernet) eliminates separate power supply and associated wiring; 12 V DC inputs where PoE power is unavailable
- Plug-and-play with a Honeywell Performance Series NVR
- Remote configuration, motorized zoom adjustments and auto focus (HBD3PR2) through Honeywell Viewer web client or Embedded NVR

Onboard Video Storage

- HBD3PR2: Supports up to 128 GB microSDHC (Class 10) card for local video storage when network is interrupted (card not included)

Market Opportunities

These fully featured IP cameras perfectly complement your Embedded IP NVR and are an excellent, cost-effective option for both indoor and outdoor surveillance applications, including retail stores, schools, colleges, hospitals, commercial sites, industrial parks, airports, gated entrances, loading docks, and driveways.



HBD3PR2

HD



HBD1PR1
HBD3PR1

HD



HBD1PR1/HBD3PR1/HBD3PR2

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SPECIFICATIONS

Model	HBD1PR1	HBD3PR1	HBD3PR2
Camera			
Image Sensor	1/3" 1.3 megapixel progressive scan CMOS	1/3" 3 megapixel progressive scan CMOS	
Effective Pixels	1280 (H) × 960 (V)	2304 (H) × 1296 (V)	
Electronic Shutter Speed	Auto/Manual, 1/3–1/30000 s	Auto/Manual, 1–1/100000 s	Auto/Manual, 1/3(4)–1/100000 s
Min. Illumination	0.08 lux, F2.1 (Color); 0 lux (IR LEDs on)	0.045 lux, F2.1 (Color); 0 lux (IR LEDs on)	0.1 lux, F1.4 (Color); 0 lux (IR LEDs on)
S/N Ratio	More than 50 dB		
Camera Features			
IR Distance	Up to 100 ft (30 m), depending on scene reflectance		
Day/Night	Auto(ICR)/Color/BW		
Backlight Compensation	BLC/HLC/DWDR		
White Balance	Auto/Manual		
Gain Control	Auto/Manual		
Noise Reduction	3D		
Privacy Masking	Up to 4 areas		
Lens			
Focal Length	3.6 mm	2.7–12 mm	
Max. Aperture	F2.1	F1.4	
Focus Control	Fixed	Auto	
Horizontal Angle of View	71°	81°	86°–28°
Lens Type	Fixed	Motorized focus/zoom	
Video			
Compression	H.264 (Main/High/Baseline Profile)/MJPEG		
Resolution	1.3 MP (1280×960), 720p (1280×720), D1 (704×480), CIF (352×240)	3 MP (2304×1296), 1080p (1920×1080), 720p (1280×720), D1 (704×480), CIF (352×240)	
Frame Rate	Main Stream	1.3 MP, 720p (1–25/30 fps)	3 MP (1–20 fps), 1080p (1–25/30 fps)
	Sub Stream	D1, CIF (1–25/30 fps)	
Bit Rate	H.264: 4–8192 kbps		
Corridor Mode	Support		
Network			
Ethernet	RJ-45 (10/100Base-T)		
Protocol	IPv4/IPv6, HTTP, HTTPS, TCP/IP, UDP, UPnP, ICMP, IGMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS. HBD3PR1 and HBD3PR2 also support 802.1X protocol (HBD1PR1 does not support 802.1X)		
Compatibility	ONVIF Profile S.	ONVIF Profile S, Profile G.	
Max. User Access	20 users		
Mobile App	HonView Touch for iPhone, iPad, Android Phone and Tablet		
Auxiliary Interface			
Memory Slot	N/A	microSD (128 GB)	
General			
Power Supply	PoE (802.3af), 12 V DC		
Power Consumption	4.8 W max. (IR LEDs on)	4.7 W max. (IR LEDs on)	8.5 W max. (IR LEDs on)
Working Environment	–22°F to 140°F (–30°C to 60°C); 10% to 100% RH, condensing		
Ingress Protection	IP66		
Dimensions	6.5" × 2.76" (165.0 × 70.0 mm)	8.46" × 3.56" (214.8 × 90.4 mm)	
Regulatory	FCC, Part 15B, Class B		

HBD1PR1/HBD3PR1/HBD3PR2

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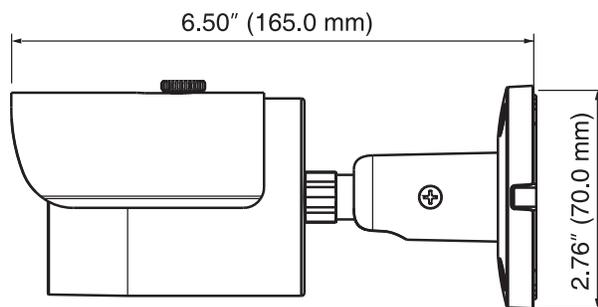
ORDERING

Recommended Accessories	
Mounting Options	
HBS2-BB	Junction Box
HEJB	Junction Box (for HBD1PR1 and HBD3PR1 only)
HB34S2-CM	Corner Mount (for use with HBS2-BB or HEJB)
HQA-PM	Pole Mount (for use with HBS2-BB or HEJB)
System Compatibility	
HEN041**	H.264 4-Channel 1080p Embedded Network Video Recorder (1 or 2 TB)*
HEN081**	H.264 8-Channel 1080p Embedded Network Video Recorder (2, 4 or 6 TB)
HEN161**	H.264 16-Channel 1080p Embedded Network Video Recorder (3 or 6 TB)

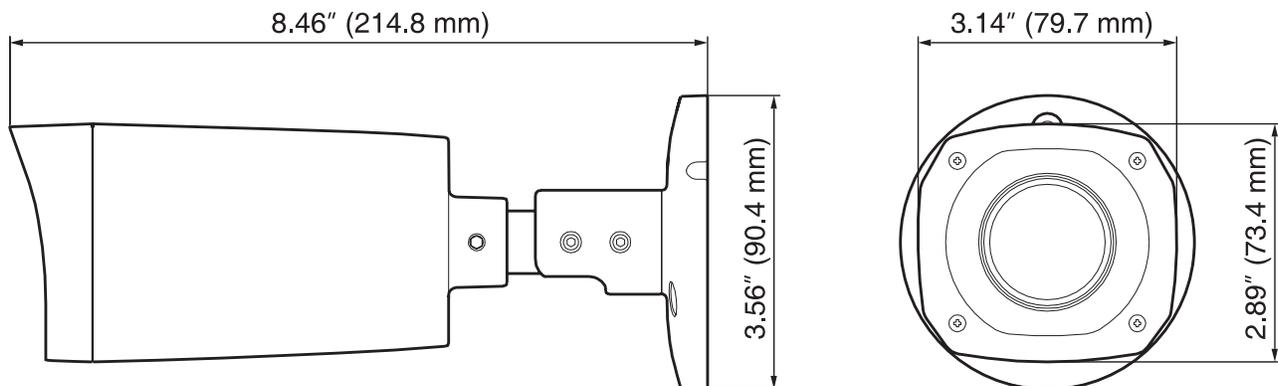
*The 4-channel NVR does not support 3 MP camera

DIMENSIONS

HBD1PR1/HBD3PR1



HBD3PR2



Ordering	
Honeywell Performance Series IP Cameras	
HBD1PR1	Network TDN IR Indoor/Outdoor Bullet Camera, 1/3" CMOS, 1.3 MP, 3.6 mm Fixed, 24 IR LEDs, PoE, H.264
HBD3PR1	Network TDN IR Indoor/Outdoor Bullet Camera, 1/3" CMOS, 3 MP, 3.6 mm Fixed, 24 IR LEDs, PoE, H.264
HBD3PR2	Network TDN IR Indoor/Outdoor Bullet Camera, 1/3" CMOS, 3 MP, 2.7–12 mm MFZ, 24 IR LEDs, PoE, H.264

For more information:

www.honeywell.com/security

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