HBD2PR1

Performance Series 1080P Weather-Proof IR Bullet Camera

Honeywell Performance Series HBD2PR1 IP camera combines world-class imaging and the latest IP camera technology with IP networking innovation, providing streaming images at full frame rate at 1080P resolution. With advanced resolution projection, the HBD2PR1 delivers high quality images, making it an ideal solution for high-end surveillance applications.

Featuring H.264 high profile compression format, the HBD2PR1 saves network bandwidth and storage even for high frame rate recording. Equipped with 27 built-in IR LEDs with up to 30m IR visible range, the HBD2PR1 guarantees superb image quality even at zero illumination environments. It is also designed with True Day/Night with a mechanical IR-cut filter which guarantees superior image quality at both day and night time.

The housing is IP66 weather-proof which is most suitable for outdoor applications. Its compact design makes it easy to install to save installation time and money.

Market Opportunities

Featuring 1080P image resolution, H.264 video compression, IR, TDN, PoE, ONVIF interface and IP66 housing, the Performance Series HBD2PR1 camera optimizes surveillance performance for applications that require excellent image clarity and high-definition imaging at minimal bandwidth. It meets the high standard requirements for hotels, chain stores, commercial offices, hospitals, residential areas, warehouses, and education facilities and so on.

FEATURES

- 1080P @ 25/30fps high resolution
- H.264 / MJPEG video compression
- TDN, 3DNR, BLC
- IR beam distance up to 30m
- Digital watermark to ensure untampered videos
- 4 privacy mask zones; 396 motion detection zones
- Compatible with Web client, HDCS (central management software) and HonView Touch (Mobile Phone surveillance software)
- Support IPv6, SNMP, ONVIF Profile S
- IP66 weather-proof

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SPECIFICATIONS

Operational	
Video Standard	NSTC / PAL
Image Sensor	1/3″ Megapixel progressive scan Exmor CMOS
Effective Pixels	1920 (H) x 1080 (V)
Minimum Illumination	0. 5 Lux @ F1.6 (Color); 0 Lux @ F1.6 (IR LEDs on)
Number of IR LEDs	27
IR Beam Distance	Max. 30m
S/N Ratio	More than 50db
Gain Control	Auto / Manual
Electronic Shutter Speed	Auto/Manual (1/3~1/100000s)
Lens Type	3.6 mm Fixed, F1.6
Horizontal Angle of View	88°
Mount Type	Board-in type
White Balance	Auto / Day / Night / Customized
Day/Night	Auto (ICR) / Color / B&W
Backlight Compensation	BLC / DWDR
Exposure Mode	Manual / Low noise / Low motion blur / Auto Ranges from 1/3 to 1/10000
Noise Reduction	3D Noise Reduction
Video Flip	Mirror function and flip function
Snapshot	Maximum 1 snapshot, saved as JPEG
Privacy Mask	4 zones
Video Setup	Parameter setup such as brightness and contrast
Video Information	Channel title; time title; motion detection; privacy mask
Motion Detection	396 (18 x 22) detection zones; Sensitivity level ranges from 0 to 120; area threshold ranges from 0 to 120. Activation event: video storage; image snapshot; log; email function
Watermark	Support
IP Specifications	
Video Compression	H.264 / MJPEG
Primary Stream Resolution	1080p (1920 x 1080) / SXGA (1280 x 1024) / 1.3M (1280 x 960) / 720p (1280 x 720) / D1 (704 x 576 / 704 x 480) / CIF (352 x 288 / 352 x 240)
Frame Rate	Main Stream: 1080p / SXGA / 1.3M / 720p / D1 @25/30fps Sub Stream: D1 / CIF@25/30 fps
Video Bit Rate	1280K ~ 8192 Kbps @ 1080p
Security	Up to 20 users, multiple user access levels with password protection
Operating System	Windows XP; Windows Vista; Windows 7
CPU Requirements	Pentium M 2.16 GHz or Intel Core 2 Duo 2.0 GHz
System Memory	At least 2 GB
Network Card	RJ-45 (10/100 Base-T)

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SPECIFICATIONS

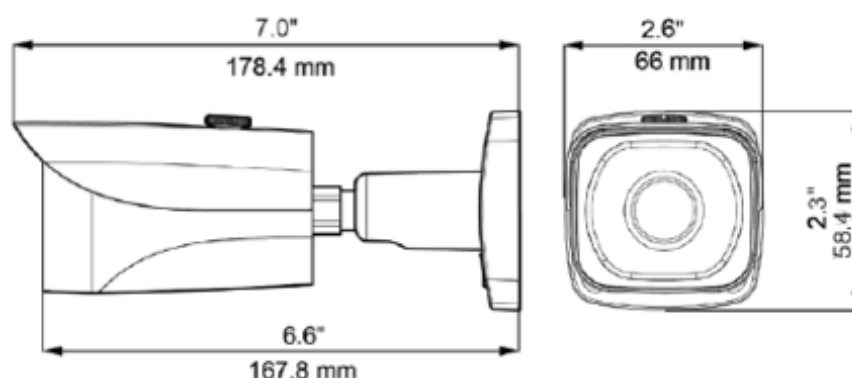|	
Web Browser	Microsoft Internet Explorer 6.0 or later; Mozilla Firefox®; Google Chrome; and Apple Safari
Supported Protocols	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour
Smartphone / Tablet Compatibility	iOS (iPhone® and iPad®), Android™
Standards	ONVIF Profile S
Network	
Remote Operation	Monitor; system setup; log information; maintenance upgrade
Default Restoration	Built-in RESET button
Electrical	
Power Supply	12 V DC PoE IEEE 802.3af, Type 1, Class 3
Power Consumption	Max. 6W
Mechanical	
Dimensions	178.4 (L) x 66 (W) x 58.4 (H) mm
Weight	0.5kg
Construction	Housing: Die-cast aluminum and polycarbonate Color: White
Protection	IP66
Recording and Storage	Network storage
Connectors	1-channel wire Ethernet port; 10/100 Base-T Ethernet
Environmental	
Operational Temperature	-20°C to +60°C
Working Humidity	≤ 95%
Accessories	
Installation	With the bracket
Regulatory	
Emissions	FCC Part 15B, CE (EN 55022)
Immunity	EN-50130-4
Safety	EN 60950-1 North America UL listed to UL/CSA 60950-1

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

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DIMENSIONS

7.0"
178.4 mm

2.6"
66 mm

2.3"
58.4 mm

6.6"
167.8 mm

Unit: mm

ORDERING

HBD2PR1	1080P IP IR Bullet Camera, 1/3" progressive scan Exmor CMOS, 3.6 mm, 30m IR distance, IP66, H.264, TDN, ONVIF Profile S, PoE, 12VDC

For more information:

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