

HBD1PR1/HBD3PR1/HBD3PR2

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 4/8/16-channel 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 (2048x1536) 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 ICR
- 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
- 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 4/8/16-channel 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 HD
HBD3PR1



HBD1PR1/HBD3PR1/HBD3PR2

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 (704×576/704×480), CIF (352×288/352×240) | 3 MP (2304×1296), 1080p (1920×1080), 720p (1280×720), D1 (704×576/704×480), CIF (352×288/352×240) | |
| 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 | | |
| Compatibility | ONVIF Profile S, CGI | | |
| 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

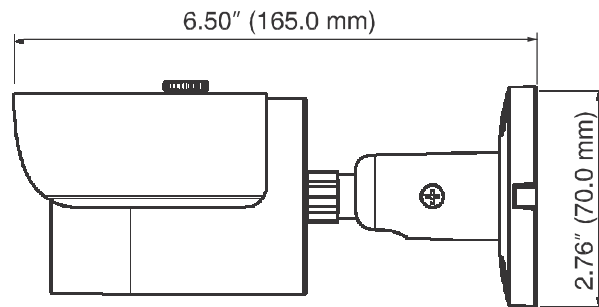
ORDERING

| Recommended Accessories | |
|-------------------------|--|
| Mounts | |
| 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**(X) | H.264 4-Channel 1080p Embedded Network Video Recorder (1 or 2 TB) |
| HEN081**(X) | H.264 8-Channel 1080p Embedded Network Video Recorder (2, 4 or 6 TB) |
| HEN161**(X) | H.264 16-Channel 1080p Embedded Network Video Recorder (3 or 6 TB) |

| 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 |

DIMENSIONS

HBD1PR1/HBD3PR1



HBD3PR2

