HED1PR3/HED3PR3

Performance Series IP 1.3 MP/3 MP True Day/Night IR Indoor/Outdoor Ball Camera

The HED1PR3 and HED3PR3 are affordable, fully featured IP cameras that pair perfectly with a 4/8/16-channel Performance Series Embedded NVR*.

HED1PR3 / HED3PR3

Superior Image Quality

- HED3PR3: 3 MP (20 fps) and Full HD 1080p (25/30 fps) image with 1/3" 3 MP sensor, true widescreen image on a 16:9 display, 12.5% more horizontal pixel density than conventional 3 MP 4:3 (2048×1536) cameras
- HED1PR3: 1.3 MP (25/30 fps) and HD 720p (25/30fps) image with 1/3" 1.3 MP sensor
- True Day/Night capability, vivid colour 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 30 m (100 ft) 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
- Small form factor, inconspicuous after installation
- 2.8 mm F2.1 fixed lens for wide field of view
- Monitor from anywhere using HonView Touch mobile app for both Apple® and Android™ smart phones and tablet computers
- Configurable motion detection and camera tamper detection settings, including configurable alarm notifications

Easy to Install and Use

- Compact design for fast, easy installation
- 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 Embedded NVR
- Remote configuration and firmware updating through the Honeywell Viewer web client and the Honeywell Config tool

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 driveway.

HED1PR3/HED3PR3 Specifications

MODEL		HED1PR3	HED3PR3
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	
MIN. ILLUMINATION		0.08 lux, F2.1 (Colour); 0 lux (IR LEDs on)	0.045 lux, F2.1 (Colour); 0 lux (IR LEDs on)
S/N RATIO		More than 50 dB	
CAMERA FEATURES			
IR DISTANCE		Up to 30 m (100 ft), depending on scene reflectance	
DAY/NIGHT		Auto (ICR)/Colour/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		2.8 mm	
MAX. APERTURE		F2.1	
HORIZONTAL ANGLE OF VIEW		89°	92°
LENS TYPE		Fixed	
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, 802.1X - (HED3PR3 only).	
COMPATIBILITY		ONVIF Profile S	
MAX. USER ACCESS		20 users	
MOBILE APP		HonView Touch for iPhone, iPad, Android Phone and Tablet	
GENERAL			
POWER SUPPLY		PoE (802.3af), 12 V DC	
POWER CONSUMPTION		3.8 W max. (IR LEDs on)	3.7 W max. (IR LEDs on)
WORKING ENVIRONMENT		−30°C to 60°C (−22°F to 140°F); 10% to 100% RH, condensing	
INGRESS PROTECTION		IP66	
DIMENSIONS		108 × 84 mm (4.25 × 3.31 in.)	
WEIGHT		0.25 kg (0.55 lb)	
REGULATORY		FCC, Part 15B, Class B	

HED1PR3/HED3PR3 Ordering

RECOMMENDED ACCESSORIES	
MOUNT	
HQA-WK	Wall Mount for Dome and Ball Cameras
HBS2-BB	Junction Box
HEJB	Junction Box
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)

* The 4 channel NVR models do not support 3MP cameras unless they are in 1080p mode
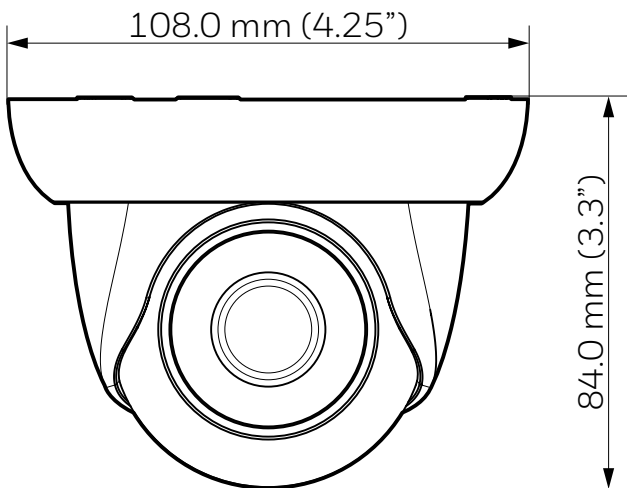
** Denotes additional NVR model options

ORDERING	
HONEYWELL PERFORMANCE SERIES IP CAMERAS	
HED1PR3	Network TDN IR Indoor/Outdoor Ball Camera, 1/3" CMOS, 1.3 MP, 2.8 mm Fixed, 12 IR LEDs, PoE, H.264
HED3PR3	Network TDN IR Indoor/Outdoor Ball Camera, 1/3" CMOS, 3 MP, 2.8 mm Fixed, 12 IR LEDs, PoE, H.264

DIMENSIONS

HED1PR3/HED3PR3

Find out more:
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