HIDC-P-3100IRV

3 Megapixel H.264 Vari-Focal IR IP Fixed Dome

Honeywell Pioneer Series HIDC-P-3100IRV Megapixel network camera combines world-class imaging and leading IP camera technologies, providing streaming images in 3 Megapixel (2048 x 1536) and full HD (1920 x 1080) real-time frame rate. With such advanced resolution projection, the HIDC-P-3100V delivers ultra high image quality in any condition, making it an ideal choice for critical facilities to apply advanced surveillance standard.

The H.264 high profile compression format saves network bandwidth and storage for continuous recording. The 3 – 9mm vari-focal lens allows the field of view to be adjusted to match the scene requirements.

At low illumination or complete darkness, the HIDC-P-3100IRV uses 12 built-in IR LEDs to provide useable black and white video with a viewing range of up to 15m from the camera.

The HIDC-P-3100IRV is equipped with built-in Power over Ethernet (IEEE 802.3af), which allows power to be supplied to the camera using the network, eliminating the need for a separate power supply and reducing the cost of installation. For additional installation flexibility, the HIDC-P-3100IRV can also be powered with DC 12V and AC 24V.

Market Opportunities

Featuring 3 Megapixel image resolution, H.264 video compression, built-in IR LED, PoE and ONVIF interface, the HIDC-P-3100IRV optimizes surveillance performance for applications that require excellent image clarity and high-definition imaging at minimal bandwidth. It meets the high standard requirements for critical facilities such as metro, banks, railway, financial institutes, government buildings, airports etc.

FEATURES

- 3 Megapixel resolution at 25/30fps
- H.264 (high profile / main profile / baseline) and MJPEG simultaneously
- Built in IR LED
- True Day/Night
- Comprehensive I/O ports: MIC in, audio out, video out, DI, DO, RS485, RJ45, mSD
- Built in Power over Ethernet (PoE); Gigabit (1000Base-T) Ethernet
- Support various protocols: RTSP, UPnP, 3GPP, HTTPS, Samba
- Event trigger action: Send to NAS, send to FTP, send to Email, voice alert, go preset and tour, notify to
- Compatible with Honeywell Universal Surveillance (HUS) Platform and NVRs
- ONVIF compliant

ONVIF
Driving IP-based physical security through global standardization

HIDC-P-3100IRV

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SPECIFICATIONS

Model	HIDC-P-3100IRV
Camera	
Image Device	1/2.8" Sony progressive scan Exmor 3.4 Megapixel CMOS image sensor
Effective Pixels	2096 x 1561 (3 Megapixel)
Lens	3 - 9mm vari-focal lens
Min. Illumination	Color: 0.2 lux @ F1.2 / B/W: 0.08 lux
Day & Night	TDN (Auto ICR)
Illumination LED	12 IR LEDs
IR Distance	10 - 15m
IR LED Control	Auto (Photo Sensor Mode) IR LED ON when less than 15 Lux Manual: User Programmable
Video	
Video Compression	H.264 (hi-profile, main-profile, baseline) and MJPEG simultaneously
Video Profile	· 3 Megapixel Mode (H.264 and MJPEG) – 2048 x 1536; 1280 x 960; 640 x 480; 320 x 240 · Full HD Mode (H.264 & MJPEG) – 1920 x 1080; 1280 x 720; 640 x 360; 320 x 180 · Dual Streams – H.264 2048 x 1536 (30fps) + H.264 2048 x 1536 (30fps) · Triple Streams – H.264 1920x1080(30fps) x 2 + H.264 1280x720 (30fps)
Frame Rate	Up to 25/30fps in all resolutions
Region of Interest	Max. 2 ROI @ 3M mode. Editable range Max. 3 ROI @ 1080P mode. Editable range
Image Setting	BLC, AGC, AE, AWB; 3D Noise reduction; WDR; Color, brightness, sharpness, contrast, Hue; Image Mirror/Flip; Privacy Masks: 7 areas
Streaming	Simultaneously multi-profile streaming; Streaming over UDP, TCP, HTTP, or HTTPS; M-JPEG streaming over HTTP (server push); Controllable frame rate and bandwidth; Constant and variable bit rate; ROI
On Screen Display	Text, time and date overlay; Editable OSD
Language	English, Traditional Chinese, Simplified Chinese, Korean
Audio	
Audio Encoder	RTSP: G.711 64kbps, G.726 32kbps
Audio Streaming	One-way or two-way
Microphone	External microphone
Audio Output	Adjustable audio output gain
Network	
Supported Protocols	IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, DIPS, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, IGMP, PPPoE, 3GPP, Samba, ICMP
Security	Password protection, IP address filtering, HTTPS encrypted data transmission, user access log
Users	8 simultaneous unicast users
Ethernet	10Base-T/100Base-TX/1000Base-T auto negotiation

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SPECIFICATIONS

Model	HIDC-P-3100IRV
System Interface	
Supported Interface	ONVIF
Alarm Triggers	Intelligent video motion detection; Camera Tampering; Audio Detection; Digital input
Motion Detection	10-zone video motion detection with included or excluded options
Alarm Events	File upload via FTP or email; File upload via Samba to NAS; Notification via email, HTTP, and TCP; External output activation; Audio alerting output; Micro SD card local storage
Video Buffer	Pre- and post- alarm buffering
Viewing System	
Browser	IE 8.0 or late
Platform	
Supported Platform	Honeywell Universal Surveillance (HUS) and NVR
General	
Power Supply	12V DC or 24V AC
Power Consumption	10W (12VDC)
PoE	IEEE 802.3af Class 3
Connectors	RJ-45 10Base-T/100Base-TX/1000Base-T; 12VDC power jack; AC24V terminal; 1 alarm input and 1 output; RS485; Audio out; External MIC input; Composited video out; Factory default reset; mSD card
Indication LED	Green and orange LEDs
Operating Temperature	-10°C to 50°C
Operating Humidity	10% - 90% (non-condensing)
Dimensions	151.37 (D) mm x 108.95 mm
Weight	595g
Certificate	CE, FCC

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

ORDERING

HIDC-P-3100IRV	IP IR Dome Camera. 3 Megapixel @ 25/30fps. 3 – 9mm vari-focal. IR beam distance 10 – 15m. H.264 High Profile. TDN. PoE, 24VAC/12VDC. ONVIF

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IP Fixed Dome

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