

## HIVDC-P-2100XIRV

### 2M / 1080P 60fps TDN WDR IP IR Vandal-Proof Dome Camera

Honeywell HIVDC-P-2100XIRV Megapixel network camera combines world-class imaging and leading IP camera technologies, providing streaming images in full HD (1920 x 1080) at 60fps real-time frame rate. With such advanced resolution projection, the HIVDC-P-2100XIRV 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. At low illumination or complete darkness, the HIVDC-P-2100XIRV uses 12 built-in LEDs to provide useable black and white video with a viewing range of up to 20m from the camera. Equipped with IP66 and IK-10 housing, the HIVDC-P-2100XIRV is vandal-proof and weatherproof that can be installed in any outdoor applications. The HIVDC-P-2100XIRV is also programmed with a number of video analytics functions including object detection, audio detection, face detection, camera tampering and tripwire detection (Cross Line).

The HIVDC-P-2100XIRV 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 HIVDC-P-2100XIRV can also be powered with DC 12V and AC 24V.

#### Market Opportunities

Featuring 1080P image resolution, H.264 video compression, IR, P-iris, built-in video analytics, PoE and ONVIF interface, the HIVDC-P-2100XIRV vandal-proof 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 critical facilities such as metro, banks, railway, financial institutes, government buildings, airports etc.

#### FEATURES

- 1080p resolution, 60fps or WDR mode selectable
- H.264 high profile – saves bandwidth and storage.
- Built-in IR LED - up to 20m
- TDN, WDR, P-iris, Remote Auto Zoom and Focus
- Front Light Compensation (FLC)
- Built in Power over Ethernet (PoE); Gigabit (1000Base-T) Ethernet
- Video analytics built-in: object detection, audio detection, face detection, camera tampering and tripwire detection (Cross Line)
- IP66 weather-proof, IK10 vandal-proof
- Compatible with Honeywell Universal Surveillance (HUS) Platform and NVRs
- ONVIF Profile S



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### SPECIFICATIONS

Model	HIVDC-P-2100XIRV
<b>Camera</b>	
Image Device	1/2.8" SONY progressive scan Exmor™ image sensor
Effective Pixels	1920 x 1080 pixels
Lens	3 - 9mm, Vari-focal 3x Motorized Focus Zoom lens
Day & Night	TDN, Mechanical
Min. illumination	Color: 0.02 lux @F1.4 (AGC on) B/W: 0.005 lux @F1.4 (AGC on); 0 lux with IR LED on
IR Distance	15 - 20m
IRIS	P-iris
<b>Video</b>	
Video Encoder	H.264 (baseline, main-profile, and hi-profile) and MJPEG simultaneously
Video Profile	Dual stream
Frame Rate	Up to 60fps for 60fps mode Up to 30fps for WDR mode
Main Stream Resolution	<b>WDR mode:</b> 1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x480, 720x576, 720x480, 704x576, 640x480, 352x288, 352x240, 320x240, 320x192, 176x144, 160x120 <b>60fps mode:</b> 1920x1080
Second Stream Resolution	<b>WDR mode:</b> 1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x480, 720x576, 720x480, 704x576, 640x480, 352x288, 352x240, 320x240, 320x192, 176x144, 160x120 <b>60fps mode:</b> 640x480
Bit Rate	24 - 15,000kbps
Electronic Shutter	Auto mode: 1 - 1/3000 sec Manual mode: 1/2 - 1/10000 sec
Iris Exposure Control	Auto / Auto Indoor / Manual Exposure
Photometry Method	Average / Center / Spot / BLC / FLC
Image Setting	AE (AGC), AWB, 3D Noise reduction, WDR, Exposure value, Color, brightness, sharpness, contrast, Hue, BLC, FLC (Front Light Compensation), Mirror/Flip, Privacy Masking, DIS (Digital Image Stabilizer)
WDR Strength	0 - 5. Maximum 120dB
3D De-Noise Strength	0 - 8
2D De-Noise Strength	0 - 9
Remote Focus / Zoom	Focus: Auto / Manual Zoom: Wide / Tele controllable
On Screen Display	Text, time and date overlay, Editable OSD
Streaming	Simultaneously dual 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 (H.264); Area of Interest (AOI)
<b>Audio</b>	
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

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### SPECIFICATIONS

Model	HIVDC-P-2100XIRV
<b>Network</b>	
Supported Protocols	IPv6, IPv4, TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, DIPS, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, IGMP, PPPoE, 3GPP, Samba, ICMP, SNMP, QoS (DiffServ)
Security	Password protection, IP address filtering, HTTPS encrypted data transmission, user access log
Users	8 simultaneous unicast users
Ethernet	10/100/1000M auto negotiation
<b>System Integration</b>	
Application Programming Interface	ONVIF; Open API for software integration; SDK
Event Detection	External input; Object Detection; Audio detection; Face detection; Camera tampering; Tripwire detection (Cross Line)
Object Detection	Detection with Entrance, Desertion or Theft options
Audio Detection	Audio level 0-100
Camera Tampering	Camera defocus / move direction / mask
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; mSD card local storage
Video Buffer	Pre- and post- alarm buffering
Built-in installation aid	Pixel counter
<b>General</b>	
OS	Windows 7, 8
Browser	IE 8.0 or later
Supported Platform	Honeywell Universal Surveillance (HUS) and NVRs
ONVIF compatible	ONVIF Profile S
Power Supply	12V DC / AC24V
PoE	IEEE 802.3af class 3
Power Consumption	10W (12V DC in)
I/O 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; Factory default reset; mSD card
Edge Storage	32G
Indication LED	Green and orange LEDs
Operating Temperature	-15°C to 55°C
Operating Humidity	10% - 90% (non-condensing)
Protection	IP66 weather-proof; IK10 vandal-proof
Dimensions	139.95 (D) x 131.17 (H) mm
Weight	870g
Certificate	CE, FCC

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

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### ORDERING

HIVDC-P-2100XIRV	1080P@60fps IP IR vandal-proof dome camera, H.264 high-profile, P-iris, TDN, WDR, FLC , VA built-in, IR beam distance 15 - 20m, IP66, IK-10, PoE, 12V DC/24V/AC, ONVIF Profile S (2.0+)
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