FS

PTZ Dome Network Cameras

5MP Dome PoE IP Cameras

Overview

PTZ network cameras can provide a high-definition professional surveillance and security solution. Pan, tilt and 25x optical zoom ability enables camera to monitor zones of interest

Adopting the smart IR techonoly, the PTZ dome cameras can also deliver clear video at night. Smart encoding technology and H.265 compression code can save 75% disk space and reduce the monitoring cost. Designed for indoor and outdoor environments, it is IP66 weatherproof, ideal for educations, supermarkets, houses and other applications.

Benefits

- PTZ Controls
- 4x Optical Zoom
- 50m (164ft) Night Vision
- 120dB WDR, 2D/3D DNR
- H.265, H.264, MJPEG
- PoE Power Supply
- IP66 Protection
- Smart Behavior Detection
- Built-in Micro SD Card Slot

Key Features

Plug and Play PoE Connection

With only a single ethernet cable to get powered and transmit video, PoE (Power over Ethernet) cameras allow you to DIY their positions anywhere you want. No need of a separate power adapter for power supply of each camera, simplifying installation and helping to keep costs low.

120dB True WDR

Cameras with True Wide Dynamic Range (True WDR) can produce images even under varying light conditions. It can also maintain proper image brightness, exposure and contrast to ensure good image clarity. WDR is measured in dB. A WDR of range (120dB) can capture greater scale of brightness.

3D DNR

Developed for shooting at night or in dimly lit places, 3D Digital Noise Reduction (DNR) decreases picture noise and reduces colour mixture errors. 3D DNR removes the grainy fuzzy appearances of low light images, will handle moving objects without leaving tails behind, and in low light, it makes an image clearer and sharper compared to no noise reduction or 2D DNR. 3D DNR is essential to producing a clear image from your security cameras.

Smart IR Technology

Smart IR technology can detect the infrared (IR) wavelengths, enabling the cameras to see even in low light condition or in complete darkness, and providing protection day and night.

IP66 Protection

IP66 rated housing protects the camera against rain and dust. Capable of withstanding temperatures from -20 ~ 60 ° C (-4 ~ 140 ° F), the cameras perform well even in demanding environments.

Smart Behavior Detection

With advanced video algorithm, cameras support smart behavior detections, such as motion detection, line-crossing and area intrusion. Based on target classification, smart behavior detections significantly reduce the false alarm caused by leaves, birds and lights etc., and accurately focus on human, motor vehicle and non-motor vehicle.

H.265 and Smart Encoding Technology

Smart encoding technology can reduce storage costs without sacrificing resolution and frame rate. Under the same configuration, H.265 with smart encoding technology only costs one hard disk to store the same video record which needs four hard disks under H.264, saving 75% storage cost.

Multiple Ways of Management

The camera supports different ways of management. Free monitoring softwares and Apps are available to view, manage and record the camera through the connected NVR, computer or mobile phone.

Technical Specification

IPC204-5M-P

Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Max.Resolution	2880x1620
Min. Illumination	Color: 0.003Lux (F1.6, AGC ON); 0Lux with IR
S/N	>52dB
Shutter Speed	Auto/Manual, 1- 1/100000s
Lens	
Focal Length (mm)	2.8- 12
DORI Distance (m)	Detect:63.0-270.0 Recognize: 12.6-54.0 Identify: 6.3-27.0
Field of View (FOV)	(H)30.6°-104.1° (V) 17.4°-54.9° (D) 34.4°-108.3°
Illuminator	
Day/Night	Support
IR-cut Filter	Support
IR On/Off Control	Auto/Manual
IR Range	50m (164ft)
Wavelength	850nm
Video	
Video Compression	H.265, H.264, MJPEG
H.264 Code Profile	Baseline Profile, Main Profile, High Profile
Video Frame Rate	Main Stream: 5MP (2880x1620), Max 30fps; 4MP (2560x1440), Max 25fps;3MP (2304x1296), Max 25fps; 2MP (1920x1080), Max 30fps;Sub Stream: 720P (1280x720), Max 30fps; D1 (720x576), Max 30fps; 640x360, Max 30fps; 2CIF (704x288), Max 30fps; CIF (352x288), Max 30fps;Third Stream: D1 (720x576), Max 30fps; 640x360, Max 30fps; 2CIF (704x288), Max 30fps; CIF (352x288), Max 30fps;
Video Bit Rate	128 Kbps to 16 Mbps

Technical Specification

	IPC204-5M-P
Video	
On-Screen Display (OSD)	Up to 8 OSDs
Privacy Mask	Up to 8 areas
Region of Interest (ROI)	Up to 8 areas
Image	
Wide Dynamic Range (WDR)	120dB
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Digital Noise Reduction	2D/3D DNR
Flip	Normal/Vertical/Horizontal/180°/90° Clockwise/90° Anti-clockwise
HLC	Support
BLC	Support
Smart	
Behavior Detection	Cross Line, Intrusion, Enter Area, Leave Area detection;Motion detection
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP , PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP , 802.1x , SNMP, SSL
Compatible Integration	ONVIF(Profile S, Profile G, Profile T), API
Client	EZStation EZViewEZLive
Web Broswer	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below; Plug-in free live view: Chorme 57.0+, Firefox 58.0+, Edge 16+, Safari 11+
Audio	
Audio Compression	G.711U, G.711A
Suppression	Support
Audio Sampling Rate	8KHZ
Two-way Audio	Support

Technical Specification

	IPC204-5M-P
Storage	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR, NAS (NFS)
PTZ	
Pan Range	0°-345°
Pan Speed	0.1°/s - 50°/s Preset Speed: 50°/s
Tilt Range	−10° - 110°
Tilt Speed	0.1°/s- 40°/s Preset Speed: 40°/s
Number of Presets	256
Patrol	Preset Patrol, Route Patrol, Recorded Patrol
Interface	
Network	1 RJ45 10M/100M Base-TX Ethernet
Built-in Mic	Support
Built-in Speaker	Support
Alarm Light	Support
General	
Power	DC 12V ± 25%, PoE (IEEE 802.3af) Power consumption: MAX 18W
Dimensions (Ø x H)	295x 166x 166mm (11.6"x 6.5"x 6.5")
Net Weight	0.87 kg (1.92lb)
Gross Weight	1.13 kg (2.49lb)
Material	Metal + Plastic
Working Environment	-20°C - 60°C (-4°F to 140°F), Humidity:≤95% RH(non-condensing)
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Surge Protection	4KV
Ingress Protection	IP66
Reset Button	Supported

United Kingdom

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