Datesheet

PTZ-4840X-IS
8 MP IR PTZ Network Camera

Key Features

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1/2.8" IMX415 CMOS
3840 × 2160@20 fps
5.5 to 220mm optical zoomH.265+, H.265, H.264
F1.67-3.67 40x lens
Built-in Mic & Speaker
IR Light Range: up to 100 m
WDR/HDR/3D DNR/HLC/BLC
Water and dust resistant(IP65)
Color: 0.01 lux @(F1.6), 0 lux with light

Specifications

Camera	
Image Sensor	1/2.8" IMX415 CMOS
Min. Illumination	Color: 0.01lux @(F1.6), 0 lux with IR light
White Balance	Auto/Manual
Shutter Speed	1/10 s to 1/10,000 s
Day & Night	IR Cut Filter
Digital Noise Reduction	2D/3D DNR
WDR	Support
Privacy Mask	4 programmable privacy masks
Lens	
Focal Length	5.5mm to 220mm 40x Optical zoom
Aperture	F1.67-3.67
Lens Type	Varifocal lens,motorized lens,5.5 to 220mm
Field of View	horizontal FOV: 54° to 2.7°, vertical FOV: 41 to 2°, diagonal FOV: 66° to 3.3°
Lens Mount	M14

PTZ	
Movement Range (Pan)	0° to 360°
Movement Range (Tilt)	0° to 90°
Pan Speed	pan speed:configurable from 1°to 60°/s;preset speed:40°/s
Tilt Speed	Tilt speed：configurable from 1°to 60°/s;preset speed:40°/s
Patrol Scan	8 patrols,up to 32 presets for each patrol
Power-off Memory	Yes
Auto Tracking	Human Tracking

Compression Standard	
Video Compression	Main stream: H.265+,H.265,H.264
	Sub-stream: H.265+,H.265,H.264
H.265 Type	Baseline profile/Main profile/High profile
H.265+	Yes

Event	
Basic Event	Motion Detection
Smart Event	**Human detection, Vehice detection**

IR	
IR Distance	100 m
Smart Supplement Light	YES

Image	
Max. Resolution	3840 x 2160
Main Stream	50Hz: 20@FPS(3840×2160),30FPS@(3072×2048,2592×1944,2560×1440,2304×1296)
	60@FPS(1920×1080，1280×720)；
	60Hz: 20@FPS(3840×2160),30FPS@(3072×2048,2592×1944,2560×1440,2304×1296)
	60@FPS(1920×1080，1280×720)；
Sub-Stream	50Hz: 30 fps (720 x 480,640 × 480, 640 × 360, 480 × 480,480 × 360,CIF)
	60Hz: 30 fps (720 x 480,640 × 480, 640 × 360, 480 × 480,480 × 360,CIF)
Image Enhancement	BLC/3D DNR/HLC/WDR
Image Setting	**Rotate mode, saturation, brightness, contrast, sharpness, and white balance adjustable by client software or web browser**
SVC	H.264 and H.265 and H.265+ encoding support
Day/Night Switch	Day/Night/Auto/Schedule

Network	
Network Storage	Support Local storage and NFS,NVR,APP Cloud Storage
Protocols	TCP/IP/IPv4/IPv6/HTTP/RTSP/NFS/DHCP/NTP/SMTP/FTP/SSL
General Fuction	Privacy Masks, Horizon/Vertical Flip,Password Reset,Upgrade
API	ONVIF (Profile S, Profile G, Profile T)
Simultaneous Live View	Up to 20 channels
User/Host	3 levels: Administrators, Operators and Users
Client	AJ_Client,AC18Pro,Videolink
Web Browser	IE 8+ ,Chrome 57.0+, Firefox 52.0+

Interface	
Network Interface	1 RJ45 10 M/100 M Ethernet, PoE
Power	12V DC
Built-in Microphone	YES
Built-in Speaker	Power: 3W.MAX. Sound pressure lever:10cm: 100dB.
Reset Key	YES
On-Board Storage	Built-in memory card slot, support microSD card,up to 512GB

General	

Web Client Language	14 languages: English,Russian,German,Italian,Turkish, Korean,Japanese,Traditional Chinese,Simple
Power	12V DC ≤ 3A , 20W MAX/POE(802.3at)
Working Environment	(-30 °C to +85 °C, humidity 95% or less (non-condensing)
Protection Level	IP66
Material	Front cover:metal,body:metal & plasticl, bracket:metal
Dimension	Camera: 136x 222mm (5.35" × 8.74") Package: 170× 170 × 275 mm (6.69" × 6.69" × 10.8")
Weight	Apporx.1.35kg(2.98 lb)
With Package Weight	Apporx.2.0kg(4.63lb)