

Datesheet

PTZ-3805X-IRCS

8MP Dual illumination Varifocal PTZ Camera



Key Features

1/2.8" IMX415 CMOS
3840 × 2160@20 fps
2.7-13.5mm 5X Varifocal lens
H.265+, H.265, H.264
F1.6-3.3 lens
Built-in Mic & Speaker
IR Light Range: up to 40 m
White Light Range: up to 40 m
WDR/HDR/3D DNR/HLC/BLC
Water and dust resistant(IP66)
Color: 0.01 lux @(F1.6), 0 lux with light

Specifications

Camera

Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.01lux @(F1.6), 0 lux with IR light
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	2.7-13.5 mm 5X Optical zoom 2X Digital zoom
Field of View	Horizontal field of view: 96.7° to 31.6° (Wide-Tele) Vertical field of view: 51.1° to 17.7° (Wide-Tele)

PTZ

Movement Range (Pan)	345°
Movement Range (Tilt)	(-10° to 90°)
Pan Speed	pan speed:configurable from 1°to 50°/s;preset speed:18°/s
Tilt Speed	Tilt speed: configurable from 1°to 16°/s;preset speed:6°/s
Proportional Zoom	Yes
Power-off Memory	Yes
Auto Tracking	Human Tracking

Compression Standard

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

Event

Basic Event	Motion Detection
Intelligent detection	Human Detection

IR

IR Distance	40m
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	WDR/HDR/3D DNR/2D DNR/HLC/BLC Rotate mode, saturation, brightness, contrast, sharpness, and white balance
Image Setting	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
API	ONVIF (Profile S, Profile G, Profile T)
Simultaneous Live View	Up to 20 channels
User/Host	3 levels: Administrators, Operators and Users
Client	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
Audio	Built-in Mic, Built-in Speaker
SD Card slot	Yes

General

Web Client Language	14 languages: English,Russian,German,Italian,Turkish, Korean,Japanese,Traditional Chinese, Simple Chinese,Ukrainian,Portuguese,Croatian,Polish,Farsi
Power	12V DC, 1.5 A (Max. 10.9 W, including Max. 4.2 W for IR) PoE (802.3af), 36 to 57V DC, 0.35 A (Max. 12.2 W, including max. 4.2 W for IR)
Working Environment	DC 12V 2A , Φ 5.5 *2.1mm coaxial plug power PoE(802.3at) Max.20W
Protection Level	IP66
Material	Front cover:metal,body:metal & plasticl, bracket:metal
Dimension	223 × 146 × 212 mm (8.78" × 5.75" × 8.35")
Weight	With Package : Approx. 1.378 kg (3.04 lb.)