



ST-PTZ122-IR

Full HD 12X PTZ IP camera

Features

- High resolution: 2MP
- Smart IR II
- AI video analytics
- 140dB super WDR
- IR distance up to 140m
- 360°endless / Pan Manual Speed: 0.1°~50°/s, Pan Preset Speed: 50°/s
- 16X Digital Zoom
- 300 Preset Quantity
- ONVIF Profile G & Q & S & T, API

Technical Specification

Image Sensor	1/2.8" Progressive Scan CMOS
Total pixels	1920x1080
Min. Illumination	Color: 0.005Lux@ F1.6 B/W: 0Lux with IR on
Shutter Time	1/1000000s~1s
SIN Ratio	>55dB
Field of View	H61°~H5°/D69°~D5°/V36°~V2°
Focal Length	5.3~64mm, 12X Optical Zoom
Minimum Working Distance	1000/1500mm (Wide/Tele)
Pan Range/Pan Speed	360°endless / Pan Manual Speed: 0.1°~50°/s, Pan Preset Speed: 50°/s
Tilt Range/Tilt Speed	-45°~30° / Tilt Manual Speed: 0.1°~25°/s, Tilt Preset Speed: 25°/s
Preset Quantity	300
Aperture Range	F1.6~F2.8
Digital Zoom	16x
Zoom Speed	Approx 4s (Wide-Tele)
Proportional Zoom	Support
IR Distance	Up to 140m
Focus Control	Auto/Semi-Auto/Manual
Iris Control	Auto
Patrol	8 Patrols, up to 48 presets each patrol
Pattern	4 Patterns
Power Off Memory	Support

Network

Ethernet	1*RJ45 10M/100M Ethernet Port
Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG
Network Storage	NAS(Support NFS, SMB/CIFS), ANR
Event Trigger	Motion Detection, Network Disconnection, External Input, (Optional), Audio Alarm (Optional), etc.
Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output(Optional), SIP Phone, White LED, HTTP, PTZ Motion, HTTP Notification, etc.

Network

Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256G
System Compatibility	ONVIF Profile G & Q & S & T, API

Image Setting

WDR	140dB Super WDR
Privacy Mask	Up to 8 Areas (Mask Area and Mosaic Area are optional)
ROI	Up to 8 areas
Advanced Function	BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark
Day/Night Mode	Day/Night/Auto/Customize/Schedule

Video/Audio

Primary Stream	60fps@ (1920×1080, 1280×960, 1280×720, 704×576) 50fps@ (1920×1080, 1280×960, 1280×720, 704×576)
Secondary Stream	60Hz: 30fps@(704×576, 640×480, 640×360, 352×288, 320×240) 50Hz: 25fps@(704×576, 640×480, 640×360, 352×288, 320×240)
Tertiary Stream	60Hz: 30fps@(1920×1080, 1280×720, 704×576, 640×480, 640×360, 320×240) 50Hz: 25fps@(1920×1080, 1280×720, 704×576, 640×480, 640×360, 320×240)
Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL
Image Setting	Brightness/Contrast/Saturation/Sharpness
Alarm I/O	1/1 (Optional)
Audio I/O	1/1 (Optional)
Audio Compression	G.711/AAC/G.722/G.726
Audio Sampling Rate	8/16/32/44.1/48KHz
Audio Bit Rate	16~256kbps
Two way Audio	Support
Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed
Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)

Video/Audio

Face Detection&Face
Attribute Recognition

Detect and capture faces, get real-time snapshots;The attributes include Age, Gender, Glasses, Mask and Cap; Support Faces Privacy Mode, the detected faces in the face detection area will be mosaic automatically

People Counting&Report

Count the number of people entering or exiting, up to 4 detection areas for regional people counting

SIP/VoIP Support

Yes, Voice & Video-over-IP

General

Working Temperature

from -40°C~60°C

Working Humidity

0~95%(Non-condensing)

Power Supply

PoE (802.3af) / DC 12V/2A±10%

Power Consumption

16W MAX / 21W MAX (With IR on)

Weather Proof

Up to IP66-rated for Weather-resistant Performance

Weight

2Kg (Wall Mount) / 1.8Kg (Pedestal Mount)

Dimensions

160mmX273.5mmX210mm (Wall Mount) /
218mmX120mmX172mm (Pedestal Mount)

- ALL PICTURES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY. ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHANCEMENT



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