

ST-IP2IRPTZ

2MP 25× Network IR Speed Dome Camera

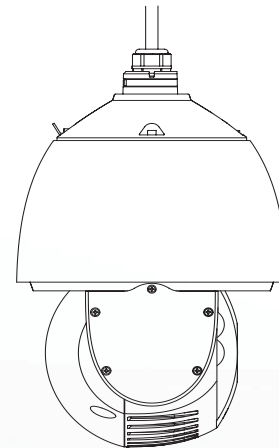
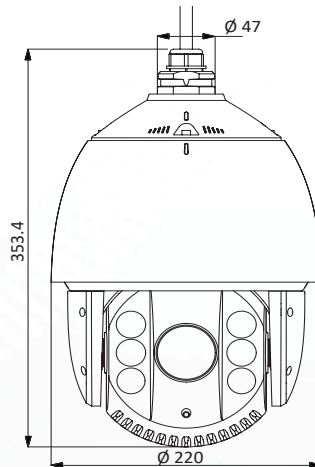


This is a High Definition, PTZ IP Camera with an optical zoom up to 25x (4.8-120mm varifocal lens). PTZ is an abbreviation for pan, tilt and zoom and is the movement capabilities of the camera, allowing bidirectional travel for where the camera looks and lens zoom control with an optical zoom up to 25x (4.8-120mm varifocal lens). It is IP66 weather rated, ONVIF compatible, has Wide Dynamic Range, built in LEDs and IR range up to 492 feet. 24VAC power supply included.

Key Features

- 1/2.8" progressive scan CMOS
- H.265+/H.265 video compression
- Up to 1920 × 1080@60fps resolution
- 25× optical zoom, 16× digital zoom
- Up to 492' IR distance

Dimensions



Unit:mm



Accessories (sold separately)



Pole Mount	
Long	ST-PTZPMPL
Short	ST-PTZPMPS

Corner Mount	
Long	ST-PTZCRML
Short	ST-PTZCRMS

Wall Mount	
Long	ST-PTZWML
Short	ST-PTZWMS

Ceiling Mount	
Long	ST-PTZCML
Short	ST-PTZCMS

Junction Box	
With Wall Mount	ST-PTZJPW

Controller
ST-USB-KB

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Camera Module	
Image Sensor	1/2.8" progressive scan CMOS
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC (Automatic Gain Control) ON) B/W: 0.001Lux @ (F1.6, AGC ON) 0 Lux with IR (Infrared)
White Balance	Auto/Manual/ATW (Auto-tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp
Gain	Auto/Manual
Shutter Time	50Hz: 1/1 s to 1/30,000 s 60Hz: 1/1 s to 1/30,000 s
Day & Night	IR Cut Filter
Digital Zoom	16×
Privacy Mask	24 programmable privacy masks
Focus Mode	Auto/Semi-automatic/Manual
WDR	120 dB WDR
Lens	
Focal Length	4.8 mm to 120 mm, 25× optical zoom
Zoom Speed	Approx. 3.6 s (optical lens, wide to tele)
Field of View	Horizontal: 57.6° to 2.5° (wide to tele) Vertical: 34.4° to 1.4° (wide to tele) Diagonal: 64.5° to 2.9° (wide to tele)
Working Distance	10 mm to 1500 mm (wide to tele)
Aperture Range	F1.6 to F3.5
IR	
IR Distance	150 m (492 ft), Smart IR
PTZ	
Movement Range (Pan)	360° endless
Pan Speed	Configurable, from 0.1°/s to 160°/s Preset speed: 240°/s
Movement Range (Tilt)	From -15° to 90° (auto-flip)
Tilt Speed	Configurable, from 0.1°/s to 120°/s Preset Speed: 200°/s
Proportional Zoom	Supported
Presets	300
Patrol Scan	8 patrols, up to 32 presets for each patrol
Pattern Scan	4 pattern scans Record time over 10 minutes for each scan
Park Action	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan
3D Positioning	Supported
PTZ Position Display	Supported
Preset Freezing	Supported
Scheduled Task	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Dome Reboot/Dome Adjust/Aux Output
Image	
Max. Resolution	1920 x 1080
Main Stream	50Hz: 25fps, 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps, 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)
Third Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Image Enhancement	HLC (Highlight Compensation), BLC (Backlight Compensation), 3D DNR (Digital Noise Reduction), Digital Defog, EIS (Electronic Image Stabilization), Regional Exposure, Regional Focus

Compression Standard	
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264 Sub- Stream: H.265/H.264/MJPEG Third Stream: H.265/H.264/MJPEG SVC Supported
Video Bitrate	32 Kbps to 16384 Kbps
Audio Compression	G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM
Audio Bitrate	G.711alaw/G.711ulaw: 64 Kbps G.722.1/G.726: 16 Kbps MP212/PCM: 32Kbps/64 Kbps/128 Kbps

Smart Features	
Basic Events	Motion Detection, Alarm Input, Alarm Output, Video Tampering Detection, Exception
Smart Events	Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection
Smart Record	ANR (Automatic Network Replenishment), Dual-VCA (Video Content Analysis)
ROI	Main stream, sub-stream, and third stream respectively support four fixed areas.

Network	
Network Storage	Built-in memory card slot, supports Micro SD/SDHC/SDXC, up to 256 GB; NAS (Network Attached Storage) (NPS, SMB/ CIFS), ANR (Automatic Network Replenishment)
Alarm Linkage	Alarm actions, such as Notify Surveillance Center, Upload to FTP, Send Email, Trigger Recording, Recording Linkage, and Alarm Input
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE
API	Open-ended, support ONVIF, ISAPI, and CGI, support HIKVISION SDK and Third-Party Management Platform
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users 3 levels: Administrator, Operator and User
Security Measures	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering
Client	STGO2, CMS
Web Browser	IE 8 to 11, Chrome 31.0 to 44 via IE Tab

Interface	
Alarm Interface	2-ch alarm input and 1-ch alarm output
Audio Interface	1-ch audio input and 1-ch audio output
Network Interface	1 RJ45 10 M/100 M Ethernet, PoE (802.3at)

General	
Power	24 VAC included and PoE (802.3at) Max.: 40 W (Max. 14 W for IR)
Working Temperature	-30°C to 65°C (-22°F to 149°F)
Working Humidity	≤ 90%
Protection Level	IP66 Standard, TVS 4000V Surge Protection and Voltage Transient Protection
Material	ADC 12, PC, PC+10%GF
Dimensions	Φ 220 mm × 353.4 mm (Φ 8.66" × 13.91")
Weight	Approx. 4.5 kg (9.92 lb)