

ST-IP2PTZ Series

2MP IP PTZ Compact Dome Cameras



Features:

- High performance CMOS, up to 1920x1080@30fps resolution
- $\pm 0.1^\circ$ Preset Accuracy
- ONVIF(Open Network Video Interface Forum), CGI(Common Gateway Interface), PSIA(Physical Security Interoperability Alliance), to ensure greater interoperability between different platforms and compatibility
- 3D intelligent positioning function
- Power-off memory function: restore PTZ & Lens status after reboot
- IP66 standard (outdoor model)
- Impact Protection: IEC60068-2-75 test, Eh, 5J; EN50102, up to IK08
- Supports PoE+(802.3at)(outdoor model), PoE(802.3af)(indoor model)
- Supports ezviz cloud P2P

Smart functions:

- Smart detection: intrusion detection, line crossing detection, audio exception detection
- Smart recording: edge recording, support smart search in smart NVR
- Smart image processing: defog
- Smart codec: low bit rate, ROI

PTZ functions:

- 360° endless pan range and 0°-90° tilt range
- 160°/s Pan Preset Speed and 120°/s Tilt Preset Speed
- 0.1°-160°/s Manual Pan Speed and 0.1°-120°/s Manual Tilt Speed
- 300 presets programmable; preset image freezing capability
- 8 patrols, up to 32 presets per patrol

Network functions:

- Built-in Web server
- Micro SD card local storage(SD card is optional)
- Supports up to 8 NAS storage; Transmit videos from SD card to the NAS after network resumed
- HTTPS encryption and IEEE 802.1x port-based network access control
- Supports dual-stream;H.264/MJPEG video compression; Basic and advanced video configuration; Real time video at 720P
- Multiple network protocols supported: IPv4/IPv6, TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, FTP, 802.1X, QoS, HTTPS
- 1 audio input and 1 audio output
- 1 alarm input and 1 alarm output, alarm linkage support preset, patrol, pattern, recording, relay output, upload center, etc.



Ordering Information:

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| ST-IP2PTZFMC | 2MP IP Varifocal PTZ Indoor Dome Camera |
| ST-IP2PTZC | 2MP IP Varifocal PTZ Outdoor Dome Camera |

ST-IP2PTZ Series

2MP IP PTZ Compact Dome Cameras



Camera	Image Sensor	1/2.8" Progressive Scan CMOS
	Effective Pixel	1920(H) ×1080(V)
	Min. Illumination	Color : 0.05 lux (F1.6, 1/30 sec, 50 IRE, AGC On)
		B/W : 0.01 lux (F1.6, 1/30 sec, 50 IRE, AGC On)
	White Balance	Auto/Manual/ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp
	AGC	Auto / Manual
	S / N Ratio	? 52dB
	3D DNR	Supported
	BLC	Supported
	DWDR	Supported
	Defog	Supported
	Shutter Time	1/1-1/10,000s
	Day & Night	IR Cut Filter
	Digital Zoom	16X
Privacy Mask	2 privacy masks programmable	
Focus Mode	Auto / Semiautomatic / Manual	
Lens	Focal Length	4.7-94mm, 20x
	Zoom Speed	Approx.3s(Optical Wide-Tele)
	Angle of View	58.3-3.2 degree (Wide-Tele)
	Min. Working Distance	10-1000mm(Wide-Tele)
	Aperture Range	F1.6-F3.5
Pan and Tilt	Pan Range	360° endless
	Pan Speed	Pan Manual Speed: 0.1° -160°/s,
		Pan Preset Speed: 160°/s
	Tilt Range	0°-90°(Auto Flip)
	Tilt Speed	Tilt Manual Speed: 0.1°-120°/s,
		Tilt Preset Speed: 120°/s
	Proportional Zoom	Rotation speed can be adjusted automatically according to zoom multiples
	Number of Preset	300
	Patrol	8 patrols, up to 32 presets per patrol
	Park action	Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan
	Power-off Memory	Supported
	PTZ Position Display	On / Off
Preset Freezing	Supported	
Scheduled Task	Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan/Dome reboot/Self-test action	
Input/ Output	Alarm Input	1 (0-5v DC)
	Alarm Output	1 relay output, alarm response actions configurable
	Alarm Trigger	Intrusion detection, Line crossing detection, Motion detection, Audio Exception Detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception
	Alarm Actions	Preset, Patrol, Pattern, Recording, Relay output, Upload center, upload FTP, email linkage
	Audio Input	1 audio input (Mic/Line in), 2-2.4V[p-p]; output impedance: 1KΩ, ±10%
	Audio Output	1 output, Line level, impedance: 600Ω
Network	Ethernet	10Base-T / 100Base-TX, RJ45 connector
	Max. Image Resolution	1920×1080
	Main Stream	50Hz: 25fps (1920×1080), 25fps (1280×720)
		60Hz: 30fps (1920×1080), 30fps (1280×720)
	Sub Stream	50Hz:25fps(704×576), 25fps(352×288), 25fps(320×240)
		60Hz:30fps(704×480), 30fps(352×240), 30fps(320×240)
	Image Compression	H.264/ MJPEG
	SVC	Supported
	ROI encoding	Support 2 areas with adjustable levels
	Audio Compression	G.711/G.722/G.726/MP2L2
	Protocols	IPv4/ IPv6, TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP/SNMP, FTP, 802.1X, QoS, HTTPS
	Number of Simultaneous Live View	Up to 20
	Dual Streams	Supported
	Mini SD Memory Card	Built-in Micro SD card slot, up to 128GB, edge recording
	User/Host Level	Up to 32 users,3 Levels: Administrator, Operator and User
Security Measures	User authentication (ID and PW),	
	Host authentication (MAC address)	
	IP address filtering	
Interface for application programming	Open-ended API, support Onvif, PSIA and CGI	
	Support ezviz cloud P2P	