ENTERPRISE · PTZ

SPC-PTX08-Z37-A3-G1

2 × 8 MP (panoramic + PTZ) PTZ Camera

Dual-channel panoramic/PTZ camera with 8MP panoramic + 8MP 37× PTZ, smart event-triggered tracking,16x Digital Zoom,37x Optical Zoom, 300 m IR, 30m warm light, 120dB WDR, heater, wiper, and IP67/IK10/ NEMA 4X protection.



2 × 8 MP (panoramic + PTZ)	1/1.8" SC500AI	Panoramic fixed lens + PTZ 37× optical zoom (5.5–202 mm)	300 m	H.265/H.264/ H.265+/H. 264+/MJPEG	PoE bt	ONVIF (Profile S/G/T)	IP67 / IK10
Resolution	Image Sensor		IR Range	Compression	PoE	ONVIF	Protection

EDGE AI ANALYTICS

PROTECTION
Reduce nuisance alarms

- Human & vehicle classification [P]
- Perimeter intrusion [P]
- Line crossing [P]
- Stationary object [P]
- Event-triggered audio-visual

OPERATIONAL INTELLIGENCE
Turn video into insight

- People / cross counting [P]
- Heat map [P]
- Crowd density [P]
- Queue length [P]
- Searchable AI metadata [P]

IDENTIFICATION
Find what matters faster

- Face detection [P]
- Face recognition [P]
- License plate recognition [P]

Analytics availability and simultaneous execution may vary by model, firmware and deployment architecture.

WHERE IT WORKS BEST

Long-range live assessment	Large open areas	Operator-assisted tracking	City Surveillance	Critical Infrastructure	Large Sites	Wide Area Monitoring	Active Deterrence	Perimeter Alarm

OPEN INTEGRATION
Camera and edge-intelligence layer. Recorder retention, Eye365 Smart Search, LPR365 workflows and MERGE365 integrations are selected as separate system roles.

ONVIF (Profile S/G/T)

ENTERPRISE TECHNICAL PRODUCT DATA

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2 × 8 MP (panoramic + PTZ) PTZ Camera

Former model reference: SS-RIP08x37U



1. CAMERA & IMAGING

Image sensor	1/1.8" SC500AI
Effective pixels	2 × 8 MP (panoramic + PTZ)
Minimum illumination	Color: 0.0005Lux @ F1.6, AGC ON; B/W: 0 Lux with Light
Day / Night	Full Color Mode / Day Night Mode / Schedule
Backlight compensation	BLC / HLC
Wide dynamic range	120 dB
Digital noise reduction	3D DNR
Privacy masking	Off/On (4 Zone, Rectangle)
Electronic shutter	1/5 ~ 1/20,000 s
IR range	300 m
AI / function profile	Full AI profile

2. LENS

Lens type	Motorized
Focal length	Panoramic fixed lens + PTZ 37× optical zoom (5.5–202 mm)
Aperture	F No. 1.6
Field of view	Horizontal: 60°(W)–2.31°(T), Vertical: 35.5°(W)–1.3°(T), Diagonal: 67.5°(W)–2.65°(T)
Min. object distance	N/A

4. STORAGE, AUDIO & ALARM

On-board storage	MicroSD/SDHC/SDXC up to 256GB
Alarm I/O	Alarm input · alarm output
Audio I/O	1 input, 1 output
Hardware reset	YES
Event recording	Motion Detection, Event Push, Alarm Out, Record on NVR and SD Card
Interfaces	RJ45, MicroSD, Audio In/Out, Alarm In/Out

3. AI ANALYTICS

- Human & vehicle classification [P]
- Perimeter intrusion [P]
- Line crossing [P]
- Stationary object [P]
- Event-triggered audio-visual deterrence
- People / cross counting [P]
- Heat map [P]
- Crowd density [P]
- Queue length [P]
- Searchable AI metadata [P]
- Panoramic + PTZ dual channel
- Panoramic-event linked PTZ tracking
- Dual-source illumination
- Face detection [P]
- Face recognition [P]
- License plate recognition [P]

Functions depend on the verified AI package and firmware of the selected camera.

5. VIDEO & NETWORK

Ethernet	1 RJ45 10M/100M Self-Adaptive Ethernet Port
Compression	H.265/H.264/H.265+/H.264+/MJPEG
Main stream	"50/60Hz: 25fps 8MP (3840x2160),5MP (2592x1944,3072x1728), 4MP,3MP,1080P
Sub stream	50/60 Hz: 25fps 1080P (1920x1080), 720P(1280x720), VGA(640x480), QVGA(320x240)
Mobile stream	VGA (640x480), QVGA (320x240) @ 30fps
Bit rate	8Kbps ~ 16384Mbps
Bitrate control	CBR/VBR
Streaming	Live View up to 14 channels
Protocols	HTTP, HTTPS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, UDP, DHCP, PPPoE, RTMP
Interoperability	ONVIF (Profile S/G/T)

6. ELECTRICAL & ENVIRONMENTAL

Input power	36VDC / 24VAC / PoE++
Power - IR off	NA
Power - IR on	NA
Operating conditions	-30~+60°C/less than ≤ 90% RH
Ingress protection	IP67
Material	Metal
Dimensions	—
Weight	—
IK rating	IK10

ORDERING INFORMATION

Description	2 × 8 MP (panoramic + PTZ) PTZ Camera

Specifications are subject to change without notice.