ECO · PTZ

SPC-PTE04-Z04-A3-G1

4 MP PTZ Camera

4MP PTZ IP Camera | 1/1.8" Sensor | F1.2 | 2.8–12mm Motorized Lens | 4X Optical Zoom | Built-in Mic & Speaker | Micro SD | PoE | Hardware Reset | 120dB WDR | 4 IR LEDs | 20m IR Range | IP66 | DC 12V / PoE

4 MP · 2.8 - 12mm · 20 m · PoE



4 MP	1/1.8" SC500AI	2.8–12 mm	20 m	H.265+ / H.265 / H.264+ / H.264	PoE	ONVIF Profile S/G/T, RTSP	IP66
Resolution	Image Sensor	Lens	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]

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	Large Sites	Wide Area Monitoring

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, RTSP

ECO TECHNICAL PRODUCT DATA

SPC-PTE04-Z04-A3-G1

4 MP PTZ Camera

Former model reference: SS-RIP04x4U



1. CAMERA & IMAGING

Image sensor	1/1.8" SC500AI
Effective pixels	4 MP
Minimum illumination	Color: 0.001 Lux @ F1.3 (AGC ON); B/W: 0 Lux @ IR ON
Day / Night	Full Color Mode / Day Night Mode / Schedule
Backlight compensation	N/A
Wide dynamic range	120 dB
Digital noise reduction	3D DNR
Privacy masking	Off/On (4 Zone, Rectangle)
Electronic shutter	1/5 ~ 1/20000 s
IR range	20 m
AI / function profile	Profile not stated

2. LENS

Lens type	Motorized
Focal length	2.8–12 mm
Aperture	F1.3
Field of view	Horizontal: 114.6° (W)–48.3° (T); Vertical: 59° (W)–27.1° (T); Diagonal: 141.6° (W)–55.5° (T)
Min. object distance	N/A

4. STORAGE, AUDIO & ALARM

On-board storage	Micro SD, up to 256GB
Alarm I/O	N/A
Audio I/O	Built-in Microphone and Speaker
Hardware reset	Yes
Event recording	NVR and SD Card
Interfaces	1 × RJ45 (10/100Mbps), PoE

3. AI ANALYTICS

- Human & vehicle classification [P]
- Perimeter intrusion [P]
- Line crossing [P]
- Stationary object [P]
- People / cross counting [P]
- Heat map [P]
- Crowd density [P]
- Queue length [P]
- Searchable AI metadata [P]
- 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	PoE Ethernet
Compression	H.265+ / H.265 / H.264+ / H.264
Main stream	@30fps;4MP (2560×1440) 3MP (2304×1269) 2MP (1920×1080)
Sub stream	@30fps; @30fps;720p (1280×720) VGA (640×480) QVGA (320×240)
Mobile stream	QVGA (320×240) @30fps
Bit rate	8 Kbps ~ 8 Mbps
Bitrate control	CBR/VBR
Streaming	Unicast / Multicast
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP,NTP,UPnP,SNMP,HTTPS,FTP,PPPoE
Interoperability	ONVIF Profile S/G/T, RTSP

6. ELECTRICAL & ENVIRONMENTAL

Input power	D12V/POE(IEEE802.3af)
Power - IR off	NA
Power - IR on	NA
Operating conditions	-35~+60°C/less than ≤ 90% RH
Ingress protection	IP66
Material	Metal
Dimensions	—
Weight	—

ORDERING INFORMATION

SKU	SPC-PTE001	**Model**	SPC-PTE04-Z04-A3-G1

Description	4 MP PTZ Camera	Specifications are subject to change without notice.