SHARPCAM

PROFESSIONAL · PTZ

# SPC-PTP02-Z18-A3-G1

## 2 MP PTZ Camera

PTZ 2MP 18X optical Zoom 5.0 ~ 90mm F1.78 - F2.86 WDR120DB 1 CVBS output 1 line-in Audio, 1 line-out Audio 1 alarm input, 1 alarm output 6pcs IR Distance 100m IP66 water proof AC 24V / POE

2 MP · 5.0 - 90mm · 100 m · PoE




| 2 MP | 1/2.7” SC500AI sensor | 5.0-90 mm | H.265+/H.265/ H.264+/H.264 | PoE | ONVIF Profile S/ G/T, RTSP | IP66 |
|---|---|---|---|---|---|---|
| Resolution | Image Sensor | Lens | 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

PROFESSIONAL TECHNICAL PRODUCT DATA

# SPC-PTP02-Z18-A3-G1

## 2 MP PTZ Camera

Former model reference: SS-RIP02x18U



### 1. CAMERA & IMAGING

| | |
|---|---|
| **Image sensor** | 1/2.7” SC500AI sensor |
| **Effective pixels** | 2 MP |
| **Minimum illumination** | Color 0.009 Lux @ F1.6(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 |
| **AI / function profile** | Profile not stated |
| **PTZ resolution** | PTZ |

### 2. LENS

| | |
|---|---|
| **Lens type** | Motorized |
| **Focal length** | 5.0–90 mm |
| **Aperture** | F No. 1.6 |
| **Field of view** | Horizontal: 53.3 (W)-3.8 (T)°, Vertical: 30.7(W)-2.2(T)°, Diagonal: 60.4(W)-4.4(T)° |
| **Min. object distance** | NA |

### 4. STORAGE, AUDIO & ALARM

| | |
|---|---|
| **On-board storage** | Micro SD slot, up to 256GB |
| **Alarm I/O** | 1 Input – 1 Output |
| **Audio I/O** | 1 Input – 1 Output |
| **Hardware reset** | YES |
| **Event recording** | NVR and SD Card |
| **Interfaces** | RJ45 (10/100BASE-T)), 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: 2MP (1920x1080), 960P (1280x960), 720P (1280x720) |
| **Sub stream** | @30fps: VGA (640x480), QVGA (320x240) |
| **Mobile stream** | 30fps: QVGA (320x240) |
| **Bit rate** | 8Kbps ~ 8Mbps |
| **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** | -30~+60°C/less than ≤ 90% RH |
| **Ingress protection** | IP66 |
| **Material** | Metal |
| **Dimensions** | — |
| **Weight** | — |

### ORDERING INFORMATION

| | | | |
|---|---|---|---|
| **SKU** | SPC-PTP002 | **Model** | SPC-PTP02-Z18-A3-G1 |

| | | |
|---|---|---|
| **Description** | 2 MP PTZ Camera | Specifications are subject to change without notice. |