## PTZ

Our Intelligent Auto-Tracking PTZ series provides swift and precise surveillance in any environment. With ultra-fast motor speed and rugged build quality, these cameras are perfect for large-scale monitoring. The series offers a variety of models with exceptional performance, full connectivity options, and seamless integration with Provision-ISR's platforms.

**PROVISION ISR**®

PROTECTING YOUR PRIVACY

# Z5-25IPE-4(IR)

## 5" IP PTZ with 4MP x25 zoom, with DDA Analytics and PoE+, wall bracket included

The Z5-25IPE-4(IR) AI IP PTZ offers impressive video quality and features. The Z5 provides full connectivity options and fast motor speed while keeping a sleek design. It can be installed almost anywhere with the optional accessories and provide full compatibility with Provision-ISR's platforms (Ossia NVRs, Ossia VMS, Provision Cam2 Mobile App)

IP PTZ

4 MP

| ICR | Alarm | IP66 Protection rating | 3D-DNR | H.265 Video Compression |
|---|---|---|---|---|

| PoE |
|---|

## MAIN FEATURES

- Z5-25IPE-4(IR)
- Sensor: 1/2.5" CMOS
- Resolution: 2560×1440 1-25/30FPS (4MP)
- Lens: x25 4.8mm (F1.65) - 120mm (F3.8)
- Compression: H.264/H.265/MJPEG
- True WDR (120dB)/HLC/BLC/3D-DNR
- True Day&Night - ICR
- Smart IR Distance: 150m
- Preset Speed: 80°/Sec
- Preset Accuracy: 0.1°
- Pan Range: 360° (Endless)

- Tilt Range: -3°~183° (With Auto Flip)
- Preset Positions: 300
- 4 Patterns/8 Cruises/Park Action/Power Off Memory/Scheduled Tasks
- Alarm In/Out:1
- Audio In/Out:1
- SD Card: Event/Schedule Record (256GB)
- ONVIF: Profile S/G
- IP66 Water-Proof
- Power Supply: PoE+ (802.3at) / DC24V/3A / AC24V/3A (Not included)
- Weight: ~3.7Kg

https://provision-isr.com

# Z5-25IPE-4(IR)

## SPECIFICATIONS

| Video | |
|---|---|
| **Image Sensor** | 1/2.5" CMOS |
| **Effective Pixels** | 2560×1440 |
| **Sync System** | Progressive Scan |
| **Electronic Shutter** | 1/25~1/100,000s |
| **Day & Night** | ICR (Auto/Day/Night) |
| **Min. Illumination** | Color: 0.01Lux@(F1.65, AGC on), B/W: 0.002Lux@(F1.65, AGC on), 0Lux with IR |

| NDAA Compliant | |
|---|---|
| **NDAA Compliant** | No |

| Lens | |
|---|---|
| **Optical Zoom** | x25 |
| **Digital Zoom** | x16 |
| **Focal Length** | 4.8mm (F1.65) – 120mm (F3.8) |
| **Aperture Range** | F1.65 ~ F3.8 |
| **Focus** | Auto/Manual |
| **Minimum Focus Distance** | 1M~15M |
| **Horizontal Field of View** | 55°(wide) ~ 2.4°(tele) |

| AI Features | |
|---|---|
| **Analytics** | AI: DDA Sterile Area, DDA Line Crossing, DDA Object Counting, Face Recognition General: Camera Tampering |
| **Smart Tracking** | Auto Tracking based on DDA (Human / Vehicle) |
| **Face Recognition** | Up to 10 face detections and 3 face recognitions per second |
| **Face Database** | Up to 10000 faces |

| PTZ Features | |
|---|---|
| **Pan Range** | 360° (Endless) |

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| | |
|---|---|
| **Pan Speed** | Manual: 0.1~80°/s; Preset speed: 80°/s |
| **Tilt Range** | -3°~183° (With Auto Flip) |
| **Tilt Speed** | Manual: 0.1~120°/s; Preset speed: 120°/s |
| **Presets** | 300 |
| **Patterns** | 4 Tracks. Up to 3 minutes each |
| **Cruise** | 8 cruises (16 presets per cruise) |
| **Scan** | Standard / Random (with left and right boundary) |
| **Park Action** | Preset/Cruise/Pattern/Auto Scan/Random Scan |
| **Power Up Action** | Yes |
| **Schedule** | Up to 8 tasks (Preset/Cruise/Pattern/Auto Scan/Random Scan) |
| **3D Control** | Supported (Via Provision-ISR Devices) |

## Image Enhancement

| | |
|---|---|
| **Image Settings** | AWB Adjustable Exposure Mode Sharpness, Saturation, Brightness & Contrast Adjustable Auto Gain Adjustable |
| **WDR Range** | True WDR (120dB) |
| **BLC-HLC** | Yes |
| **3D-DNR Noise Reduction** | 3D-DNR |
| **EIS** | N/A |
| **Defog** | Yes |
| **Image Orientation** | Mirror/Flip |
| **Dynamic Privacy Zone** | Yes |
| **Privacy Zone** | Up to 4 square masks |
| **Motion Detection** | Yes |

## Audio

# Z5-25IPE-4(IR)

| | |
|---|---|
| **Audio Compression** | G.711A/G.711U |
| **Communication** | 2-Way Audio |

| Housing | |
|---|---|
| **IR Distance** | 150m |
| **Smart IR** | Yes |
| **Network** | RJ45 |
| **Analog Video Output** | No |
| **Audio Input** | 1Ch |
| **Audio Output** | 1Ch |
| **SD Card** | Yes (microSD/SDHC/SDXC. Up to 256GB) |
| **RS-485** | No |
| **Alarm In** | 1 Dry Contact |
| **Alarm Out** | 1 Dry Contact |
| **Power Consumption** | Max 30W (With IR, Heater and Fan working) |
| **Power Supply** | PoE+ (802.3at) / DC24V/3A / AC24V/3A (Not included) |
| **Work Environment** | -30℃~50℃, 10%~90% Humidity (Cold start at -20℃) |
| **Protection Rate** | IP66 |
| **Fan & Heater** | Yes |
| **Dimensions** | Φ 209mm × 328mm |
| **Weight (Gross)** | ~3.7Kg |

| Network | |
|---|---|
| **Interface** | 1 RJ45 10M/100M Adaptive Ethernet (Support PoE 802.3.at) |
| **User Access** | Supports simultaneous monitoring of up to 6 users with multi-stream real-time transmission |

| Network Protocols | HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP,DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP,DHCP, PPPoE |
|---|---|
| ONVIF | Profile S/G |
| Remote Monitoring | IE Browsing (Plug-In required), Chrome/Edge/Safari/Firefox plug-in free browsing, Ossia VMS Software, Provision Cam2 Mobile App |

| Compression | |
|---|---|
| Video Compression | H.264/H.265/MJPEG |
| Resolutions and Streams | Main stream: 2560×1440 (4MP), 2304×1296 (3MP), 1920×1080 (2MP), 1280×720 (720P) Substream: 1280×720 (720P), 704×576 (D1), 352×288 (CIF) Third stream: 704×576 (D1), 480×240, 352×288 (CIF) |
| FPS | 1-25/30FPS |
| Bit-Rate | 1536Kbps ~ 7192Kbps@H.265 / 2048Kbps ~ 8192Kbps@H.264 |
| Encode Mode | VBR/CBR |
| Image Quality | Five levels under VBR; Free adjustment under CBR |