

PTZ

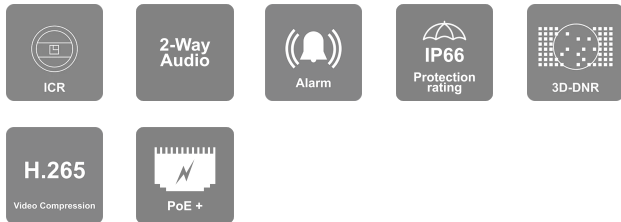
Our Intelligent Auto-Tracking PTZ series provides swift and precise surveillance in any environment. With ultra-fast motor speed and rugged build quality, these cameras are perfect for large-scale monitoring. The series offers a variety of models with exceptional performance, full connectivity options,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



Z5-25IPEN-4(IR)

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

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



MAIN FEATURES

- Z5-25IPEN-4(IR)
- Sensor: 1/2.8" CMOS
- Resolution: 2560×1440 1-25/30FPS (4MP)
- Lens: x25 4.8mm (F1.55) - 120mm (F3.8)
- Compression: H.265S/H.264S*, H.265 / H.264 / H.265+ / H.264+ / MJPEG (Sub-stream only)*
- HWDR/HLC/BLC/3D-DNR
- True Day&Night - ICR
- Smart IR Distance: 350m
- Preset Speed: 330°/Sec
- Preset Accuracy: 0.1°
- Pan Range: 360° (Endless)
- Tilt Range: -25°~155° (With Auto Flip)
- Preset Positions: 360
- 4 Patterns/8 Cruises/Park Action/Scheduled Tasks
- Alarm In/Out:1
- Audio In/Out:1
- SD Card: Event/Schedule Record (256GB)
- ONVIF: Profile T/S/G
- IP66 Water-Proof
- Power Supply: PoE+ (802.3at) / DC24V/3A / AC24V/3A (not included)
- Weight: ~3Kg



<https://provision-isr.com>

SPECIFICATIONS

Video	
Image Sensor	1/2.8" CMOS
Effective Pixels	2560×1440
Sync System	Progressive Scan
Electronic Shutter	1/25~1/30000s
Day & Night	ICR
Min. Illumination	Color: 0.005Lux@(F1.2, AGC on), B/W: 0.001Lux@(F1.2, AGC on), 0Lux with IR

NDAA Compliant	
NDAA Compliant	Yes

Lens	
Optical Zoom	x25
Digital Zoom	x8
Focal Length	4.8mm (F1.55) – 120mm (F3.8)
Aperture Range	F1.55 ~ F3.8
Focus	Auto/Manual
Minimum Focus Distance	1M~15M
Horizontal Field of View	57.6°(wide) ~ 2.5°(tele)
Detect	f=120mm: 2200m(7218ft)
Recognize	f=120mm: 440m(1443.6f.t.)
Identify	f=120mm: 220m(721.8 f.t.)

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
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PTZ Features

Pan Range	360° (Endless)
Pan Speed	Manual: 0.1~360°/s; Preset speed:330°/s
Tilt Range	-25°~155° (With Auto Flip)
Tilt Speed	Manual: 0.1~210°/s; Preset speed:180°/s
Presets	360
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	Preset/Cruise/Pattern/Auto Scan/Random Scan
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	HWDR
BLC-HLC	Yes
3D-DNR Noise Reduction	3D-DNR
EIS	Yes
Defog	Yes
Image Orientation	Mirror/Flip
Dynamic Privacy Zone	Yes

Privacy Zone	Up to 4 square masks
Motion Detection	Yes
Audio	
Audio Compression	G.711A/G.711U
Communication	2-Way Audio
Housing	
IR Distance	350m
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 24W (With IR, Heater and Fan working)
Power Supply	PoE+ (802.3at) / DC24V/3A / AC24V/3A (not included)
Work Environment	-30°C~50°C, 10%~90% Humidity (Cold start at -20°C)
Protection Rate	IP66
Fan & Heater	Yes
Dimensions	Φ 197mm × 302mm
Weight (Gross)	~3Kg

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, HTTP POST
ONVIF	Profile T/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.265S/H.264S*, H.265 / H.264 / H.265+ / H.264+ / MJPEG (Sub-stream only)*
Resolutions and Streams	Main stream: 2560×1440 (4MP), 2304×1296 (3MP), 1920×1080 (1080P), 1280×720 (720P) Substream: 704×576 (D1), 640×480, 352×288 (CIF) Third stream: 1920×1080 (1080P), 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