

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.



Z6-32IPE-4(IR)

6" IP PTZ with 4MP x32 zoom, with DDA Analytics and PoE+, PSU included

The Z6-32IPE-4(IR) AI IP PTZ offers impressive video quality and features. The Z6 provides full connectivity options, ultra-fast motor speed, and rugged build quality 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)



MAIN FEATURES

- Z6-32IPE-4(IR)
- Sensor: 1/1.8" CMOS
- Resolution: 2560×1440 1-25/30FPS (4MP)
- Lens: x32 5.6mm (F1.55) - 179.2mm (F3.4)
- Compression: H.264/H.265/MJPEG
- True WDR (120dB)/HLC/BLC/3D-DNR
- True Day&Night - ICR
- Smart IR Distance: 200m
- Preset Speed: 240°/Sec
- Preset Accuracy: 0.1°
- Pan Range: 360° (Endless)
- Tilt Range: -25°~205° (With Digital Flip)
- Preset Positions: 300
- 4 Patterns/8 Cruises/Park Action/Power Off Memory/Scheduled Tasks
- Alarm In/Out:2
- Audio In/Out:1
- SD Card: Event/Schedule Record (256GB)
- ONVIF: Profile S/G
- IP66 Water-Proof
- Power Supply: PoE++ (802.3bt) / AC24V/3A
- Weight: ~6Kg



<https://provision-isr.com>

SPECIFICATIONS

Video	
Image Sensor	1/1.8" 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: 0.005Lux@(F1.5, AGC on), B/W: 0.001Lux@(F1.5, AGC on), 0Lux with IR

NDAA Compliant	
NDAA Compliant	No

Lens	
Optical Zoom	x32
Digital Zoom	x16
Focal Length	5.6mm (F1.55) – 179.2mm (F3.4)
Aperture Range	F1.55 ~ F3.4
Focus	Auto/Manual
Minimum Focus Distance	1M~15M
Horizontal Field of View	59.8°(wide) ~ 2.3°(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)

Pan Speed	Manual: 0.1~240°/s; Preset speed: 240°/s
Tilt Range	-25°~205° (With Digital Flip)
Tilt Speed	Manual: 0.1~180°/s; Preset speed: 180°/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

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

Housing	
IR Distance	200m
Smart IR	Yes
Network	RJ45
Analog Video Output	CVBS
Audio Input	1Ch
Audio Output	1Ch
SD Card	Yes (microSD/SDHC/SDXC. Up to 256GB)
RS-485	Yes
Alarm In	2 Dry Contact
Alarm Out	2 Dry Contact
Power Consumption	Max 50W (With IR, Heater and Fan working)
Power Supply	PoE++ (802.3bt) / AC24V/3A
Work Environment	-50℃~65℃, 10%~90% Humidity (Cold start at -40℃)
Protection Rate	IP66
Fan & Heater	Yes
Dimensions	Φ 219.9mm × 358.5mm
Weight (Gross)	~6Kg

Network	
Interface	1 RJ45 10M/100M Adaptive Ethernet (Support PoE 802.3.bt)
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