

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.



MZ-20IPM-2(IR)

2MP Mini IP PTZ with X20 Zoom, and 80m IR LED

The MZ-20IPM-20 (IR) is a small but powerful PTZ camera. Equipped with fast and accurate 120°/s motors and 80m IR distance it is a perfect solution when camera mobility is required without attracting much attention



MAIN FEATURES

- MZ-20IPM-2(IR)
- Sensor: 1/2.8" CMOS
- Resolution: 1920x1080 1-25/30FPS (2MP)
- Lens: X20
- Compression: H.264/H.265
- DWDR/HLC/BLC/3D-DNR
- True Day&Night - ICR
- Smart IR Distance: 80m
- Preset Speed: 90°/s/Sec
- Preset Accuracy: 0.1°
- Pan Range: 360° (Endless)
- Tilt Range: 0°~180°
- Preset Positions: 256
- 1 Patterns/1 Cruises/Park Action/Scheduled Tasks
- ONVIF: Yes
- IP66 Water-Proof
- Power Supply: DC12v/3A
- Weight: ~2.6Kg



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SPECIFICATIONS

Video	
Image Sensor	1/2.8" CMOS
Effective Pixels	1920×1080
Sync System	Progressive Scan
Electronic Shutter	1/25~1/30,000s
Day & Night	ICR (Auto/Day/Night)
Min. Illumination	0.05 Lux (Color), 0.01 Lux (B&W), 0 Lux (IR On)
NDAA Compliant	
NDAA Compliant	No
Lens	
Optical Zoom	X20
Digital Zoom	No
Focus	Auto/Manual
Minimum Focus Distance	1CM~1.5M
Horizontal Field of View	56°(wide) ~ 3.86°(tele)
AI Features	
Analytics	No
Smart Tracking	No
Face Recognition	No
Face Database	No
PTZ Features	
Pan Range	360° (Endless)
Pan Speed	Manual: 0.01°/s – 90°/s Preset speed: 90°/s
Tilt Range	0°~180°

Tilt Speed	Manual: 0.01°/s – 22.5 °/s Preset Speed: 22.5°/s
Presets	256
Patterns	1
Cruise	1 cruise (32 Presets/cruise)
Scan	Standard (with left and right boundary)
Park Action	Yes (Preset)
Power Up Action	No
Schedule	Yes
3D Control	No

Image Enhancement	
Image Settings	AWB Adjustable Exposure Mode Sharpness, Saturation, Brightness & Contrast Adjustable Auto Gain Adjustable
WDR Range	DWDR
BLC-HLC	Yes
3D-DNR Noise Reduction	3D-DNR
EIS	N/A
Defog	No
Image Orientation	Mirror/Flip
Dynamic Privacy Zone	No
Privacy Zone	No
Motion Detection	Yes

Audio	
Audio Compression	No
Communication	No

Housing	
IR Distance	80m
Illumination Type	IR LED
Wiper	No
Smart IR	No
Network	RJ45
Analog Video Output	No
Audio Input	No
Audio Output	No
SD Card	No
RS-485	No
Alarm In	No
Alarm Out	No
Power Consumption	Max 20W (With IR)
Power Supply	DC12V/3A
Work Environment	-20°C~50°C, 10%~90% Humidity
Protection Rate	IP66
Fan & Heater	No
Dimensions	Φ 218mm × 136mm
Weight (Gross)	~2.6Kg

Network	
Interface	1 RJ45 10M/100M
User Access	Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission

Network Protocols	TCP/IP, HTTP, DHCP, DNS, RTP, RTSP, NTP, UPnP
ONVIF	Yes
Remote Monitoring	IE Browsing, Ossia VMS
Compression	
Video Compression	H.264/H.265
Resolutions and Streams	Main stream:1920×1080 (1080P) 1280X960 (960P) 1280X720 (720P) Sub stream : 704×576 (D1) 640X480 (VGA) 352X288 (CIF)
FPS	1-25/30FPS
Bit-Rate	64Kbps ~ 8Mbps
Encode Mode	VBR/CBR
Image Quality	Six levels under VBR; Free adjustment under CBR