

## 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)

## Mini IP PTZ, 1080P, X20 Zoom PSU included

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: No
- 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



<https://provision-isr.com>

## 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)
NDA Compliant	
NDA 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
Tilt Range	0°~180°
Tilt Speed	Manual: 0.01°/s – 22.5 °/s

<b>Presets</b>	256
<b>Patterns</b>	1
<b>Cruise</b>	1 cruise (32 Presets/cruise)
<b>Scan</b>	Standard (with left and right boundary)
<b>Park Action</b>	Yes (Preset)
<b>Power Up Action</b>	No
<b>Schedule</b>	Yes
<b>3D Control</b>	No

## Image Enhancement

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

## Audio

<b>Audio Compression</b>	No
<b>Communication</b>	No

## Housing

<b>IR Distance</b>	80m
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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

<b>Resolutions and Streams</b>	Main stream:1920×1080 (1080P) 1280X960 (960P) 1280X720 (720P) Sub stream : 704×576 (D1) 640X480 (VGA) 352X288 (CIF)
<b>FPS</b>	1-25/30FPS
<b>Bit-Rate</b>	64Kbps ~ 8Mbps
<b>Encode Mode</b>	VBR/CBR
<b>Image Quality</b>	Six levels under VBR; Free adjustment under CBR