



MPIX-21MP25XIRAIR3

2MP 25x SENSEFIER IR Network PTZ Camera



PRODUCT FEATURES

- 1/2.8" 2Megapixel STARVIS™ CMOS
- Sensefier technology
- 25x optical zoom
- Max. 25/30 fps@2M
- IR distance up to 150m/492.13ft
- 4.8mm–120mm lens
- Auto Tracking 3.0
- Quick Pick
- PoE+
- IP67, IK10

AI Functions:

- Fenced Area protection
- Face Detection
- Line Crossing (Person & Vehicle Classification)
- Auto Tracking Human and/or vehicle



FREE Multisite VMS software
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Optional Brackets/Power Adapter



BRACK-CMA-PTZ
Mount Adapter



BRACK-PTZ-BOX
Hinged Back Box



BRACKET-MPIX-21MP-PEND
Pendant Mount



BRACK-PTZBB120
Junction Back Box



BRPOLEMXC
Pole Mount



BRCORNMXC
Corner Mount



Wall Mount Bracket
Included

Included



DC24V/2.5A
Power Adapter

Model Number	MPIX-21MP25XIRAIR3			
Camera				
Image Sensor	1/2.8" CMOS			
Pixel/Max. Resolution	2MP / 1920 (H) × 1080 (V)			
Scanning System	Progressive			
Electronic Shutter Speed	1/1 s–1/30,000 s			
Minimum Illumination	Color: 0.005 lux@F1.6 / B/W: 0.0005 lux@F1.6 0 lux (IR light on)			
ROM / RAM	4GB / 1GB			
IR Distance	150m (492.13ft) (IR)			
IR On/Off Control	Zoom Prio; Manual; Smart IR			
IR LEDs	4 IR			
LENS				
Focal Length	4.8mm – 120mm			
Max. Aperture	F1.6 – F3.5			
Angle of View	H: 58.5°–2.8°; V: 33.2°–1.5°; D: 67.5°–3.2°			
Optical Zoom	25x			
Focus Control	Auto/Semi-Auto/Manual			
Iris Control	Auto; manual			
Close Focus Distance	0.1m–1.5m (0.33 ft–4.92ft)			
PTZ				
Pan/Tilt Range	Pan: 0° to 360° endless / Tilt: –15° to +90°, auto flip 180°			
Manual Control Speed	Pan: 0.1°/s–300°/s / Tilt: 0.1°/s–200°/s			
Preset Speed	Pan: 400°/s; Tilt: 300°/s			
Presets	300			
Tour	8 (up to 32 presets per tour)			
Pattern / Scan	5 / 5			
Power-off Memory	Yes			
Idle Motion	Preset; Pattern; Tour; Scan			
Intelligence				
Fenced Area Protection	Line Crossing, intrusion; climbing fences; loitering detection; abandoned/missing object; fast moving; parking detection; people gathering; vehicle/human alarm classification			
Face Detection	Supports face detection, face bounding box, capturing snapshots, uploading face snapshots, enhancing face images, and selecting a preferred image among a group of snapshots. Attribute Extraction is also supported, where 6 attributes and 8 expressions can be detected. The attributes are gender, age, glasses, mask, mustache and expressions. The expressions are angry, sad, hate, scared, surprised, calm, happy and confused. Face cutout is also offered, where you can cutout one face at a time and customize the size to be a one-inch photo. The supported methods for capturing snapshots are real-time capturing, quality first, and selecting a preferred image among a group of snapshots.			
Auto Tracking	Yes			
Quick Pick	With AI NVR, quickly pick up the human/vehicle targets that users are interested in from smart motion detection events			
Motion Detection	Yes			
Audio				
Compression	PCM; G.711a; G.711Mu; G.726; MPEG2-Layer2; G722.1; G729; G723			
Dori Distance	Detect	Observe	Recognize	Identify
	1,614m (5,292ft)	646m (2,119ft)	323m (1,060ft)	161m (528ft)

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Video	
Compression	Smart H.265+; H.265; Smart H.264+; H.264; H.264B; H.264H; MJPEG (Sub Stream 1)
Streaming Capability	3 Streams
Resolution	1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576); CIF (352 × 288)
Frame Rate	Main stream: 1080p/1.3M/720p (1–25/30 fps)
	Sub stream1: D1/CIF (1–25/30 fps)
	Sub stream2: 1080p/1.3M/720p (1–25/30 fps)
Bit Rate Control	CBR; VBR
Bit Rate	H.264: 3 kbps–8192 kbps / H.265: 3 kbps–8192kbps
Day/Night	Auto (ICR); Color; B/W
BLC / WDR	Yes/ 120dB
White Balance	Auto; indoor; outdoor; tracking; manual; sodium lamp; natural light; street lamp
Gain Control	Auto / Manual
Noise Reduction	2D NR; 3D NR
Motion Detection	Support
Region of Interest	Support
Image Stabilization	Electronic (EIS)
Defog	Electronic
Digital Zoom	16x
Image Rotation	180°
Privacy Masking	Up to 24 areas can be set, with up to 8 areas in the me view
S/N Ratio	≥ 55 dB
Network	
Ethernet	RJ-45 (10/100 Base-T)
Protocol	HTTP; HTTPS; IPv4; RTSP; UDP; SMTP; NTP; DHCP; DNS; DDNS; IPv6; 802.1x; QoS; FTP; UPnP; ICMP; SNMP; SNMP v1/v2c/v3 (MIB-2); IGMP; ARP; RTCP; RTP; PPPoE; RTMP; TCP
Interoperability	ONVIF (Profile S&G&T); CGI
Streaming Method	Unicast / Multicast
User/Host	20 (total bandwidth: 64MB)
Storage	FTP; Micro SD card (max. 512 GB); NAS
Web Viewer	IE7 and later versions/Chrome 42 and earlier versions/Firefox 52 and earlier versions/Safari
Smart Phone	IOS, Android
Port	
Alarm I/O	2 / 1
Audio I/O	1 / 1
Two-way Audio	Yes
Alarm Linkage	Capture; preset; tour; pattern; recording; triggering on-off value output; audio; sending email
Alarm Event	Motion/tampering detection; audio detection; network disconnection detection; IP conflict detection; memory card state detection; memory space detection; power exception detection
Power	
Power Supply	24 VDC, 2.5 A (± 25%); PoE +(802.3at)
Power Consumption	Basic: 13 W; Max.: 22 W (illuminator + PTZ working)
Environmental	
Operating Conditions/Humidity	–40°C to +70°C (–40°F to +158°F) / ≤ 95%
Ingress Protection	IP67; IK10; TVS 6000 V lightning proof; surge protection; voltage transient protection
Structure	
Dimensions	332 mm × Φ190 mm (13.07" × Φ7.48")
Net/Gross Weight	4.7kg (10.36lb) / 8kg (17.64lb)

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November 18, 2022

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