



2.1MP 25x SENSEFIER IR PTZ AI Network Camera

MPIX-21MP25XIRAIR2



PRODUCT FEATURES



· 1/2.8" CMOS 2.1MP AI Network PTZ Camera

- Powerful 25x optical zoom
- 4.8mm - 120mm Focal Length
- SENSEFIER technology
- IR distance up to 100m/328.08ft
- WDR(120dB), Supports PoE+
- IP66, Micro SD card max 512GB
- iPhone, Android support

AI Functions:

- Face Detection
- Fenced Area protection
- Line Crossing (Person & Vehicle Classification)
- AI Motion

Pendant Mount	Junction Back Box	Hinged Back Box	Mount Adapter
BRACK-MPIX-21MP-PEND	BRACK-PTZBB120	BRACK-PTZ-BOX	BRACK-CMA-PTZ
Pole Mount	Corner Mount	Parapet Mount	Included Wall Mount Bracket
BRPOLEMXC	BRCORNMXC	BRACK-PTZ-PAR	

Optional Brackets/Power Adapter

BRACK-MPIX-21MP-PEND Pendant Mount	BRACK-PTZBB120 Junction Back Box	BRACK-PTZ-BOX Hinged Back Box	BRACK-CMA-PTZ Mount Adapter
BRPOLEMXC Pole Mount Bracket	BRCORNMXC Corner Mount	BRACK-PTZ-PAR Parapet Mount	DC12V/3A Power Adapter



FREE Multisite VMS software
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Model Number	MPIX-21MP25XIRAIR2			
Camera				
Image Sensor	1/2.8" CMOS			
Effective Pixels	1920 (H) × 1080 (V), 2.1 Megapixels			
Scanning System	Progressive			
Electronic Shutter Speed	1/1s~1/30,000s			
Minimum Illumination	Color: 0.005 lux@F1.6, B/W: 0.0005 lux@F1.6 0 lux (IR light on)			
ROM / RAM	256MB / 1GB			
IR Distance	Up to 100m (328.08ft)			
IR On/Off Control	Zoom Prio; Manual; Smart IR; Off			
IR LEDs	6			
LENS				
Focal Length	4.8mm - 120mm			
Max. Aperture	F1.6 – F3.5			
Angle of View	H: 62.8°–2.6°; V: 33.2°–1.7°; D: 67.3°–3.9°			
Optical Zoom	25x			
Focus Control	Auto/Semi-Auto/Manual			
Iris Control	Auto/Manual			
Close Focus Distance	0.1m – 1.5m (0.33ft – 4.92ft)			
PTZ				
Pan/Tilt Range	Pan: 0° to 360° endless / Tilt: –15° to +90°, auto flip 180°			
Manual Control Speed	Pan: 0.1°–200°/sTilt: 0.1°–120°/s			
Preset Speed	Pan: 240°/s; Tilt: 200°/s			
Presets	300			
PTZ Tour/Pattern/Scan	8 Tour (up to 32 preset per tour), 5 Pattern, 5 Scan			
Speed Adjustment	Yes			
Power-off Memory	Yes			
Idle Motion	Preset; Pattern; Tour; Scan			
Artificial Intelligence				
Face Detection	Yes			
Fenced Area Protection	Line Crossing, Intrusion. Supports alarm triggering by target types(human and vehicle). Filtering out false alarms caused by animals, rustling leaves, bright lights, etc			
Smart Capture	Supports human, motor vehicle and non-motor vehicle image capture			
AI Motion	Yes			
General Intelligence				
Event Trigger	Motion detection, Video tampering, Scene changing, Network disconnection, IP address conflict, Illegal Access, Storage anomaly			
IVS	Object Abandoned / Object missing			
Audio				
Compression	G.711a; G.711Mu; G.726; AAC; MPEG2-Layer2; G722.1			
Dori Distance	Detect	Observe	Recognize	Identify
	1655m (5429.79ft)	654m (2145.67ft)	331m (1085.96ft)	165m (541.34ft)



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Video	
Compression	Smart H.265+; H.265; Smart H.264+; H.264B; H.264M; H.264H; MJPEG (Sub Stream)
Streaming Capability	3 Streams
Resolution	1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); CIF (352 × 288/352 × 240)
Frame Rate	Main stream: 1080p/1.3 M/720p (1–50/60 fps) Sub stream1: D1/CIF (1–25/30 fps) Sub stream2: 1080p/1.3M/720p/D1/CIF (1–25/30 fps)
Bit Rate Control	VCBR; VBR
Bit Rate	Default resolution of the main stream: H.264: 32 Kbps–8192 Kbps H.265: 32 Kbps–8192 Kbps
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / WDR (120dB)
White Balance	Auto/Indoor/Outdoor/Track/Manual/Sodium lamp/ Natural light/Street lamp
Gain Control	Auto / Manual
Noise Reduction	Ultra DNR (2D/3D)
Motion Detection	Yes
Region of Interest	Yes
S/N Ratio	≥ 55 dB
Defog	Electronic
Digital Zoom	16x
Flip	180°
Privacy Masking	Up to 24 areas, and up to 8 areas in the same view
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: 64 MB)
Storage	FTP; Micro SD card (max. 512 GB); NAS
Web Viewer	IE7 and later versions; Chrome; Firefox; Safari
Smart Phone	IOS, Android
Port	
Audio I/O	1/1
Alarm I/O	2 (on-off value input: 0–5 VDC) / 1
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; encoder state detection; memory card state detection; memory space detection; power exception detection
Electrical	
Power Supply	12 VDC/3A±10%, PoE+ (802.3at)
Power Consumption	Basic: 9W, Max.: 23W
Environmental	
Operating Conditions	–40°C ~ 70°C (–40°F ~ +158°F) / ≤ 95%
Ingress Protection	IP66; TVS 6000V lightning proof; surge protection; voltage transient protection
Structure	
Casing	Aluminum alloy ADC12
Dimensions	Φ160 mm × 295 mm (6.30" × 11.61")
Net/Gross Weight	3kg (6.61lb) / 4.8kg (10.58lb)

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December 14, 2021

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