



MPIX-40MP32XIRAI

### 4MP 32x SENSEFIER IR Network PTZ Camera



#### PRODUCT FEATURES

- 1/2.8" 4Megapixel STARVIS™ CMOS.
- 32x optical zoom
- Built-in heater
- SENSEFIER technology
- Max. 25/30 fps@4M
- 4.8mm–154mm lens
- IR distance up to 250m/(820.21ft)
- Auto Tracking 3.0
- Motion Detection 4.0
- Quick Pick
- IP67, IK10

#### AI Functions:

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



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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 Bracket



BRCORNMXC  
Corner Mount



BRACK-PTZ-PAR  
Parapet Mount



Wall Mount Bracket  
Included



DC24V/2.5A  
Power Adapter

Model Number	MPIX-40MP32XIRAI			
<b>Camera</b>				
Image Sensor	1/2.8" CMOS			
Pixel/Max. Resolution	4MP / 2560 (H) × 1440 (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@F1.6 (IR light on)			
ROM / RAM	4GB / 1GB			
IR Distance	250m (820.21ft) (IR)			
IR On/Off Control	Zoom Prio; Manual; Smart IR, Off			
IR LEDs	6 IR			
<b>LENS</b>				
Focal Length	4.8mm–154mm			
Max. Aperture	F1.6–F4.0			
Angle of View	H: 55.8°–2.4°; V: 31.9°–1.3°; D: 63.7°–2.7°			
Optical Zoom	32x			
Focus Control	Auto/Semi-Auto/Manual			
Iris Control	Auto; manual			
Close Focus Distance	0.8m–5.0m (2.62ft–16.40ft)			
<b>PTZ</b>				
Pan/Tilt Range	Pan: 0° to 360° endless / Tilt: –20° to +90°, auto flip 180°			
Manual Control Speed	Pan: 0.1°/s–260°/s / Tilt: 0.1°/s–120°/s			
Preset Speed	Pan: 0°/s–300°/s / Tilt: 0°/s–200°/s			
Presets	300			
Tour	8 (up to 32 presets per tour)			
Pattern / Scan	5 / 5			
Power-off Memory	Yes			
Idle Motion	Pattern; Preset; Scan; Tour			
<b>Intelligence</b>				
Fenced Area Protection	Line Crossing, intrusion; cross fence detection; loitering detection; abandoned/missing object; fast moving; parking detection; people gathering; Vehicle/Human Alarm Classification; linkage tracking			
Face Detection	Face detection; bounding box; optimization; capturing pictures; uploading high-quality face snapshots; face enhancement. Face attributes: Gender, age, facial expressions (Anger, sad, antipathy, fear, surprise, calm, happy, and confused), face mask, and mustache. Face image and 1 inch photos are supported for face cutouts. Face capture: Real-time snapshot, face priority, and quality priority.			
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			
<b>Audio</b>				
Compression	PCM; G.711a; G.711Mu; G.726; MPEG2-Layer2; G722.1; G729; G723			
Dori Distance	Detect	Observe	Recognize	Identify
	2,124m (6,968.50ft)	839m (2,752.62ft)	425m (1,394.36ft)	212m (695.54ft)

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<b>Video</b>	
Compression	H.264H; H.264B; Smart H.265+; H.264; H.265; MJPEG (Sub Stream); Smart H.264+
Streaming Capability	3 Streams
Resolution	4M (2560 × 1440); 3M (2048 × 1536); 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)
Frame Rate	<b>Main stream:</b> 4M/1080p/1.3M/720p @(1–25/30 fps) <b>Sub stream1:</b> D1/VGA/CIF@ (1–25/30 fps) <b>Sub stream2:</b> 1080p/1.3M/720p @(1–25/30 fps)
Bit Rate Control	CBR; VBR
Bit Rate	H.264: 96 kbps–14848 kbps / H.265: 38 kbps–8960 kbps
Day/Night	Auto (ICR); Color; B/W
BLC/HLC/WDR	Yes / 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	Yes
Region of Interest	Yes
Image Stabilization	Electronic
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
<b>Network</b>	
Ethernet	1×RJ-45 (10/100 Base-T)
Protocol	FTP; RTMP; IPv6; Bonjour; IPv4; DNS; RTCP; PPPoE; NTP; RTP; 802.1x; HTTPS; SNMP; TCP/IP; DDNS; UPnP; NFS; ICMP; UDP; IGMP; HTTP; SSL; DHCP; SMTP; Qos; RTSP; ARP
Interoperability	CGI; SDK; ONVIF (Profile S&G&T)
Streaming Method	Unicast / Multicast
User/Host	20 (total bandwidth: 64MB)
Storage	FTP; Micro SD card (max. 512 GB); NAS
Web Viewer	IE 9 and later versions/Chrome 42 and later versions Firefox 50 and later versions/Safari 10 and later versions
Smart Phone	IOS, Android
<b>Port</b>	
Analog Output	1 channel (CVBS output, BNC)
RS-485	1 (baud rate: 1200 bps–9600 bps)
Audio Input	1 channel (LINE IN, bare wire)
Audio Output	1 channel (LINE OUT, bare wire)
Alarm Linkage	Capture; preset; tour; pattern; recording; alarm digital input; audio; send email
Alarm Event	Motion/tampering detection; audio detection; network disconnection detection; IP conflict detection; memory card state detection; memory space detection; power exception detection
Alarm I/O	7/2
Audio I/O	1/1
<b>Power</b>	
Power Supply	24 VDC, 2.5 A ± 25%, PoE+ (802.3at)
Power Consumption	Basic: 15 W; Max.: 29.5 W (illuminator + heater + PTZ)
<b>Environmental</b>	
Operating Conditions/Humidity	–40°C to +70°C (–40°F to +158°F) / ≤ 95%
Ingress Protection	IP67; IK10; TVS 8000V lightning proof; surge protection; voltage transient protection
<b>Structure</b>	
Dimensions	337.4mm × φ209mm (13.28" × φ8.23")
Net/Gross Weight	5.8kg (12.79lb) / 9.4kg (20.72lb)

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