



4MP 40x SENSEFIER IR PTZ AI Network Camera

MPIX-40IRPTZAI



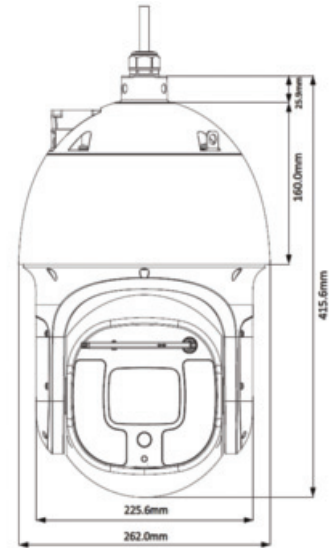
PRODUCT FEATURES

- 1/1.8" CMOS 4.0MP Full HD Network PTZ Camera
- Powerful 40x optical zoom
- AI Auto Tracking of person and/or Vehicle
- 5.6mm ~ 223mm Focal Length
- SENSEFIER technology
- IR distance up to 500m/1640ft
- Support face recognition
- Deep-learning-based auto tracking and fenced area protection
- Support metadata
- WDR(120dB), Supports Hi-PoE
- Smart wiper
- IP67, Micro SD card 256GB
- iPhone, iPad, Android support

Pro AI Functions:

- Face Capture (Detect & Recognition with attributes)
- Fenced Area protection
- People Counting Functions
- Line Crossing (Person & Vehicle Classification)

* Wallmount Bracket and Power supply included



Model Number	MPIX-40IRPTZAI
Camera	
Image Sensor	1/1.8" CMOS
Effective Pixels	2560(H) x 1440(V), 4 Megapixels
Scanning System	Progressive
Electronic Shutter Speed	1/1s~1/30,000s
Minimum Illumination	Color: 0.001Lux@F1.4; B/W: 0.0001Lux@F1.4; 0Lux@F1.4 (IR on)
Smart Wiper	Support
IR Distance	Up to 500m (1640ft)
IR On/Off Control	Auto/Manual
IR LEDs	10
LENS	
Focal Length	5.6mm ~ 223mm
Max. Aperture	F1.4 ~ F4.8
Angle of View	H: 63.9° ~ 2.0°; V: 36° ~ 1.3°; D: 68.18° ~ 2.62°
Optical Zoom	40x
Focus Control	Auto/Manual
Iris Control	Auto/Manual
Close Focus Distance	100mm ~ 1000mm
PTZ	
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -30° ~ 90°, auto flip 180°
Manual Control Speed	Pan: 0.1° ~200° /s; Tilt: 0.1° ~100° /s
Preset Speed	Pan: 200° /s; Tilt: 120° /s
Presets	300
PTZ Mode	5 Pattern, 8 Tour (up to 32 preset per tour), Auto Pan, 5 Auto Scan
Speed Setup	Human-oriented focal Length/ speed adaptation
Power up Action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period
Artificial Intelligence	
Auto Tracking	Support
Face Recognition	Support
Fenced Area Protection	Line Crossing, Intrusion. Support alarm triggering by target types(human and vehicle). Filtering out false alarms caused by animals, rustling leaves, bright lights, etc
Metadata	Support human body, human face, motor vehicle and non-motor vehicle image capture and attributes extraction
General Intelligence	
Event Trigger	Motion detection, Video tampering, Scene changing, Network disconnection, IP address conflict, Illegal Access, Storage anomaly
General Intelligence	Object Abandoned / Missing
Audio	
Compression	G.711a/G.711mu/PCM/G.726/AAC/G722.1/G.729/MPEG2-Layer2

Video	
Compression	H.265+/H.265/H.264+/H.264/MJPEG(Sub Stream)
Streaming Capability	3 Streams
Resolution	4M(2592×1520)/3M(2048×1536)/1080P(1920×1080)/1.3M(1280×960)/ 720P(1280×720)/ D1(704×576/704×480)/CIF(352×288/352×240)
Frame Rate	Main stream: 4M/3M/1080P/1.3M/720P(1~25/30fps) Sub stream1: D1/CIF(1 ~ 25/30fps) Sub stream2: 1080P/1.3M/720P(1 ~ 25/30fps)
Bit Rate Control	CBR/VBR
Bit Rate	H.265/H.264: 512K ~ 8192Kbps
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / WDR (120dB)
White Balance	Auto, ATW, Indoor, Outdoor, Manual
Gain Control	Auto / Manual
Noise Reduction	Ultra DNR (2D/3D)
Motion Detection	Support
Region of Interest	Support
EIS	Support
Optical Defog	Support
Digital Zoom	16x
Flip	180°
Privacy Masking	Up to 24 areas
Network	
Ethernet	RJ-45 (10Base-T/100Base-TX)
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, RTCP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1
Interoperability	ONVIF(Profile S/Profile G/Profile T); P2P
Streaming Method	Unicast / Multicast
Max. User Access	20 users
Edge Storage	NAS (Network Attached Storage), Local PC for instant recording, Micro SD card 256GB
Web Viewer	IE, Chrome, Firefox, Safari
Smart Phone	IOS, Android
Interface	
Video Interface	1 port(BNC, 1.0V[p-p], 75Ω)
RS485	1
Audio I/O	1/1
Alarm I/O	7/2
Electrical	
Power Supply	AC24V/3A(±25%), Hi-PoE
Power Consumption	26W, 42W (Heater on, IR on)
Environmental	
Operating Conditions	-40°C ~ 70°C (-40°F ~ +158°F) / Less than 95% RH
Ingress Protection	IP67
Vandal Resistance	N/A
Construction	
Casing	Metal
Dimensions	Φ262(mm) x 415.6 (mm)
Net/Gross Weight	8.5kg(18.74lb) / 13.5kg(29.76lb)

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Rev. Nov 22, 2019

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