



4K

4K 40x Sensefier IR PTZ AI Network Camera

MPix-80IRPTZAI



PRODUCT FEATURES

- ❖ 1/1.8" 8.0Mp CMOS image sensor
- ❖ Powerful 40x optical zoom
- ❖ AI Auto Tracking of person and/or Vehicle
- ❖ IR Distance up to 500m/1640ft
- ❖ H.265+/H.265/H.264+/H.264/MJPEG(Sub Stream)
- ❖ Built-in 7/2 alarm inputs/outputs
- ❖ Max 240°/s pan speed, 360° endless pan rotation
- ❖ Max. 25/30fps@4K
- ❖ WDR(120dB), Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- ❖ Support Triple-streams encoding
- ❖ 5 Pattern, 8 Tour (up to 32 preset per tour), Auto Pan, 5 Auto Scan
- ❖ Micro SD memory, IP67
- ❖ Multiple network monitoring:
- ❖ Web viewer, VMS-PRO & HD-VMS
- ❖ Support Multicast Function

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



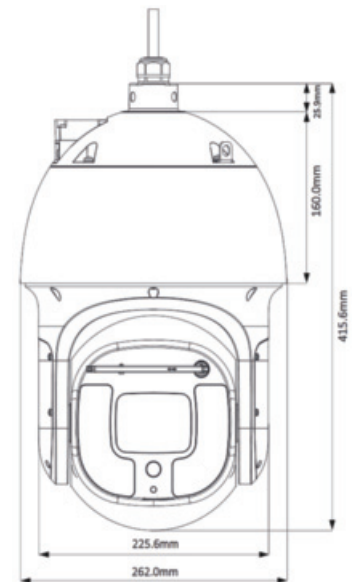
FREE Multisite VMS software
Download from www.watchnetinc.com



Optional:
Water-proof Power Box
BRACK-PTZ-BOX



iPhone



Model		MPIX-80IRPTZAI	
Camera			
Image Sensor	1/1.8" 8 Megapixel progressive scan CMOS		
Effective Pixels	3840(H) x 2160(V), 8 Megapixels		
RAM/ROM	1024MB / 128MB		
Scanning System	Progressive		
Electronic Shutter Speed	1/1s~1/30,000s		
Minimum Illumination	Color: 0.002Lux@F1.4; B/W: 0.0002Lux@F1.4; 0Lux@F1.4 (IR on)		
IR Distance	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		
Smart Wiper	Support		
Angle of View	H: 63.9° ~ 2.0°; V: 37.3° ~ 1.1° ; D: 71.2° ~ 2.3°		
Optical Zoom	40x		
Focus Control	Auto/Manual		
Close Focus Distance	100mm ~ 1000mm		
Video			
Compression	H.265+/H.265/H.264+/H.264/MJPEG(Sub Stream)		
Streaming Capability	3 Streams		
Resolution	4K(3840x2160)/1080P(1920x1080)/1.3M(1280x960)/720P(1280x720)/D1(704x576/704x480)/CIF(352x288/352x240)		
Frame Rate	Main Stream: 4K(1~25/30fps), 1080P/1.3MP/720P (1~25/30fps) Sub Stream: D1/CIF(1 ~ 25/30fps) Third Stream: 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		
Electronic Image Stabilization (EIS)	Support		
Defog	Support		
Digital Zoom	16x		
Flip	180°		
Privacy Masking	Up to 24 areas		
Intelligence			
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		
Auto Tracking	Support		
Face Recognition	Support		
Metadata	Support human body, human face, motor vehicle and non-motor vehicle image capture and attributes extraction		
Event Trigger	Motion detection, Video tampering , Scene changing, Network disconnection, IP address conflict, Illegal Access, Storage anomaly		
General Intelligence	Object Abandoned/Missing		

PTZ	
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -30° ~ 90°, auto flip 180°
Manual Control Speed	Pan: 0.1° ~240° /s; Tilt: 0.1° ~100° /s
Preset Speed	Pan: 240° /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
Protocol	WatchNET, Pelco-P/D (Auto recognition)
Audio	
Compression	G.711a/G.711mu/PCM/G.726/AAC/G722.1/G.729/MPEG2-Layer2
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,802.1x
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
Management Software	HD-VMS & VMS-PRO (Enterprise Class VMS software)
Smart Phone	IOS, Android
Certifications	
Certifications	CE, FCC, RoHS
Interface	
Video Interface	1 port (BNC, 1.0V[p-p], 75Ω)
Audio Interface	1/1
RS485	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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