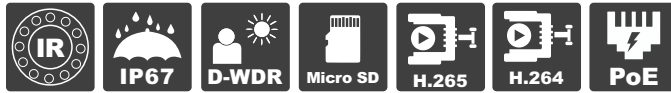


**PRO
SERIES**

**12MP MegaPixel
360° Panoramic HD
Fisheye Network Camera**



MPIX-12-360-FIR

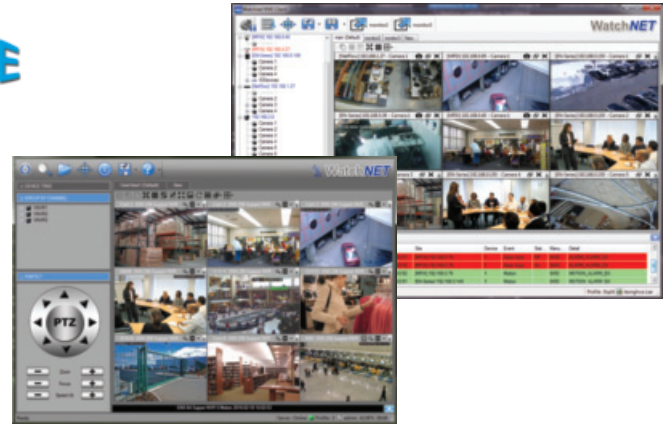


4K

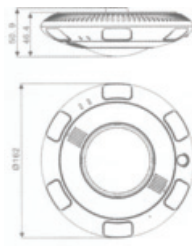


- 1/1.7" 12MP progressive scan CMOS
- Max 25fps@12M(4000x3000)
- Angle of View H: 180°, V:180°
- H.265 / H.264
- Multiple dewarped mode
- Smart detection supported, Intelligent Function
- 1.83mm fixed lens
- Max. IR LEDs length 15m (49ft)
- 1/1 channel In/Out, Built-in Mic (Optional, Special order)
- Micro SD memory, IP67, PoE
- Multiple network monitoring:
Built-in web server & Multifunction VMS
- Operating Temperature: -30°C ~ +60°C
-22°F ~ +140°F
- Supports iPhone, Android
- Micro SD card, Max 128GB

FISHEYE



FREE Multisite VMS Software
Download from www.watchnetinc.com



Model	MPIX-12-360-FIR			
Camera				
Image Sensor	1/1.7" 12Megapixel progressive scan CMOS			
Effective Pixels	4000(H) x 3000(V)			
RAM/ROM	1024MB/128MB			
Scanning System	Progressive			
Electronic Shutter Speed	Auto/Manual, 1/3~1/100000s			
Minimum Illumination	0.009Lux/F2.8(Color,1/3s,30IRE) 0.01Lux/F2.8(Color,1/30s,30IRE) 0Lux/F2.8(IR on)			
S/N Ratio	More than 50dB			
IR Distance	Up to 15m(49ft)			
IR On/Off Control	Auto/ Manual			
IR LEDs	6			
LENS				
Lens Type	Fixed			
Mount Type	Board-in			
Focal Length	1.83mm			
Max. Aperture	F2.8			
Angle of View	H: 180°, V:180°			
Optical Zoom	N/A			
Focus Control	Fixed			
Close Focus Distance	N/A			
DORI Distance	Detect	Observe	Recognize	Detect
	42m(138ft)	17m(56ft)	8m(27ft)	4m(14ft)
Video				
Compression	H.265/H.264			
Streaming Capability	3 Streams			
Resolution	12M(4000×3000)/ 8M(2880×2880)/ 6M(2880×2160)/ 3M(2048×1536)/ 1.3M(1280×960)/ D1(704×576/704×480)/ CIF(352×288/352×240)			
Frame Rate	Main Stream: 12M(1~25fps)/ 8M(1~25/30fps) Sub Stream: D1(1 ~ 25/30fps) Third Stream: 1.3M(1 ~ 25/30fps)			
Bit Rate Control	CBR/VBR			
Bit Rate	H.265: 3Kbps~ 9984Kbps H.264: 8Kbps~ 16384Kbps			

Day/Night	Auto(ICR) / Color / B/W
BLC Mode	BLC / HLC / D-WDR
White Balance	Auto/Natural/Street Lamp/Outdoor/Manual
Gain Control	Auto/Manual
Noise Reduction	3D DNR
Motion Detection	Off / On (4 Zone, Rectangle)
Region of Interest	Off / On (4 Zone)
Electronic Image Stabilization (EIS)	N/A
Smart IR	Support
Defog	Support
Digital Zoom	16x
Flip/Mirror	N/A
Privacy Masking	Off / On (4 Area, Rectangle)
Audio	
Compression	G.711a / G.711Mu / AAC / G.726
Network	
Ethernet	RJ-45 (100/1000Base-T)
Protocol	HTTP;HTTPS;TCP;ARP;RTSP;RTP;UDP;SMTP; FTP;DHCP;DNS;DDNS;PPPOE;IPv4/v6;QoS;UPnP; NTP;Bonjour;802.1x;Multicast;ICMP;IGMP;SNMP
Interoperability	ONVIF, PSIA, CGI
Streaming Method	Unicast / Multicast
Max. User Access	10 Users/20 Users
Edge Storage	NAS / Local PC for instant recording / Micro SD card 128GB
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	Built-in web server & Multifunction VMS
Smart Phone	IOS, Android
Certifications	
Certifications	CE, FCC, RoHS
Interface	
Video Interface	N/A
Audio Interface	1/1 channel In/Out, Built-in Mic (Optional, Special order)
RS485	N/A
Alarm	1 channel In: 5mA 5VDC 1 channel Out: 1A 30VDC / 0.5A 50VAC
Electrical	
Power Supply	AC24V / DC12V / POE(802.3af) / 5W IR LED OFF; 8W IR LED ON
Power Consumption	<8W
Environmental	
Operating Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Storage Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Ingress Protection	IP67
Vandal Resistance	N/A
Construction	
Casing	Metal
Dimensions	Φ160mm×46.8mm / 6.3" × 1.84"
Weight	0.700kgs / 1.54lb

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CANADA:
351 Ferrier Street, Unit 5
Markham, ON L3R 5Z2
Toll Free: 1-866-843-6865
Tel: 416-410-6865

USA:
171 Cooper Ave. Suite 110
Tonawanda, NY 14150 USA
Toll Free: 1-866-843-6865
Local: 1-716-877-7277

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info@watchnetinc.com
www.watchnetinc.com

INDIA:
RZ- 2, Ground Floor,
Kapashera
Opp Kapashera Police Station
New Delhi-110037
Tel/Fax: +91 11 26816005

UAE:
P O Box 126312
No 703, Oxford Towers
Business Bay
Dubai, UAE