

# 4K



MPIX-40IRBF-K28 MPiX-40IRBF-K28 MPiX-40IRBF-K28 MPiX-40IRBF-K28



Kit Contains:  
1 – ENMR2-04POE  
4 – MPiX-40IRBF-K28  
1 – USB Mouse

ENMR2-04POE

### Easy auto enroll / plug & play with built-in POE

- Includes everything you need – Just add Ethernet
- 4 Ch Embedded NVR with 1TB HDD plus 4 IR 4.0MP Dome Camera
- Plug and Play Setup with Camera Auto Enroll Feature
- Free DDNS, VMS Software, User-Friendly GUI and Web Server



#### NVR Features:

##### 4 Channel with 4 PoE Network Video Recorder

- ❖ Embedded LINUX OS
- ❖ 4 CH 1U Standalone NVR, **4 PoE Built-in**
- ❖ IP camera support up to 4 channels total
- ❖ H.265/H.264 codec decoding
- ❖ Max 80Mbps Incoming Bandwidth
- ❖ 1 SATA III Port, Up to 8 TB capacity for each HDD
- ❖ Up to 8MP Resolution for Preview and Playback
- ❖ ONVIF Profile conformance
- ❖ 3D intelligent positioning with WatchNET PTZ camera
- ❖ Multiple network monitoring: Web viewer, HD VMS & MVS Pro

4 Port POE  
Built-in

#### Camera Features:

##### 1/3" 4.0Mp CMOS HD IR Dome Network Camera

- ❖ 2.8 mm fixed lens
- ❖ WDR(120dB), Day/Night(ICR), 3DNR, HLC, AGC, BLC
- ❖ Max. IR Distance: 30M/98feet
- ❖ 1/3" 4.0 Megapixel Aptina CMOS image sensor
- ❖ H.265 & H.264 dual-stream encoding
- ❖ 20fps@4M(2688×1520) & 25/30fps@3M(2304×1296)
- ❖ IP67, PoE
- ❖ Support DC12V power supply, PoE (802.3af)(Class 0)
- ❖ Built-in Web server, WatchNET VMS



FREE Multisite VMS software included



iPhone



Model	ENMR2-04POE
Operating System	Embedded LINUX
Main Processor	Quad-core embedded processor
<b>Display</b>	
Resolution	3840×2160, 1920×1080, 1280×1024, 1280×720, 1024×768
Interface	1 HDMI (4K support only on HDMI), 1 VGA
Display Split	1/4
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
<b>Video &amp; Audio</b>	
IP Camera Input	4
Two-way Talk	1channel Input, 1channel Output, RCA
Video Detection and Alarm	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank
Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Spot, Buzzer & Screen tips
Alarm Input/Output	N/A
<b>Recording</b>	
Compression	H.265 / H.264
Record Resolution	8Mp / 6Mp / 5MP / 4MP / 3MP/ 1080P / 1.3MP/ 720P etc.
Bit Rate	16Kbps ~ 20Mbps Per Channel
Record Rate	80Mbps
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
Record Mode	Manual, Schedule, Regular (Continuous), MD, Alarm, Stop
<b>Playback &amp; Backup</b>	
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
Playback Channel	1/4
Backup Mode	USB Device / Network
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
<b>Storage</b>	
Internal HDD	1 SATA III Port, Up to 8 TB capacity for each HDD
<b>Auxiliary Interface</b>	
USB Interface	2 USB Ports (2 USB2.0)
RS232	N/A
RS485	N/A
<b>Network</b>	
Ethernet	1 RJ-45 Port (10/100Mbps)
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search, NVR, NVS, Easy4ip
PoE	4 ports (IEEE802.3at/af) (4Mbps is recommended per channel)
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
<b>General</b>	
Power Supply	DC48V/1.5A
Power Consumption	NVR:<7.5W (Without HDD), PoE:Max 25.5W for single port, 50W in total
Working Environment	-10°C ~ +55°C / +14°F ~ +131°F / 10~90%RH / 86~106kpa
Dimension (W×D×H)	Compact 1U, 260mm x 224.9mm x 47.6mm (10.2" x 8.9" x 1.9")
Net/GrossWeight	0.8kg (1.76 lb) (without HDD) / 1.6kg (3.53 lb) (without HDD)

Model	MPIX-40IRBF-K28
<b>Camera</b>	
Image Sensor	1/3" 4Megapixel progressive CMOS
Effective Pixels	2688(H) x 1520(V)
Mini. Illumination	0.08Lux/F2.0(Color, 1/3s, 30IRE) / 0.3Lux/F2.0(Color, 1/30s, 30IRE) / 0Lux/F2.0(IR on)
RAM / ROM	512MB / 32MB
S/N Ratio	More than 45dB
Electronic Shutter	Auto/Manual, 1/3(4)~1/100000s
IR Distance	Up to 30m (98ft)
Scanning System	Progressive
IR On/Off Control	Auto / Manual
IR LEDs	12
Close Focus Distance	N/A
Angle of View	H:104°, V:57°
Lens	Fixed 2.8mm
Max Aperture	F2.0 / F2.0
Mount Type	Board-in Type
<b>Video</b>	
Video Compression	H.265+/H.265/H.264+/H.264
Image Resolution	4M(2688x1520/2560x1440)/ 3M(2304x1296)/1080P(1920x1080)/ 720P(1280x720)/D1(704x576/704x480)/ D1/CIF(1 ~ 25/30fps)
Frame Rate	4M(1 ~ 20fps)/3M(1 ~ 25/30fps) / D1/CIF(1 ~ 25/30fps)
Bit Rate	H.265: 12K ~ 8448Kbps / H.264: 32K ~ 10240Kbps
BLC Mode	BLC / HLC / WDR (120dB)
<b>Network</b>	
Ethernet	RJ-45 (10/100Base-T)
Network Functions	HTTP;TCP;ARP;RTSP;RTP;UDP;RTCP;SMTP; FTP;DHCP;DNS;DDNS;PPPOE;IPv4/v6; SNMP;QoS;UPnP;NTP
Edge Storage	NAS Local PC for instant recording
Max. User Access	20 Users
<b>Environmental</b>	
Max. IR Distance	30m/98feet
Ingress Protection	IP67
Power Supply	DC12V PoE (802.3af)(Class 0)
Power Consumption	<4.68W
OperatingTemp./Hum.	-30°C ~ +55°C / -22°F ~ +131°F, Less than 95% RH
Dimension Gross weight	Φ108mm x 84.9mm / 4.25" x 3.15" 0.387Kg (0.85lb)

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**CANADA:**  
351 Ferrier Street, Unit 5  
Markham, ON L3R 5Z2  
Toll Free: 1-866-843-6865  
Tel: 416-410-6865  
Fax: 1-866-331-3341

**USA:**  
171 Cooper Ave. Suite 110  
Tonawanda, NY 14150 USA  
Toll Free: 1-855-404-3193  
Local: 1-716-877-7277  
Fax: 1-866-331-3341

[info@watchnetinc.com](mailto:info@watchnetinc.com)  
[www.watchnetinc.com](http://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  
Tel: + 971 4 2767117