



MPIX-40LEDT-NPC28AI

## 4MP Ultra WDR Turret AI Network Camera



### Features:

- 1/1.8" 4Megapixel progressive scan CMOS
- H.265 & H.264 triple-stream encoding
- 25/30 fps@2688x1520, 50/60 fps@1080 (1920x1080)
- Ultra WDR(140dB), Day/Night (ICR), 3D DNR, AWB, AGC, BLC
- 2.8 mm fixed lens
- LED Illuminating light source (Not IR), 20m/66ft
- Built-in MIC
- Micro SD memory, IP67, PoE
- Multiple network monitoring:
  - Built-in web server
  - Smart phones compatible
  - Also supports DC 12V (±30%), PoE (802.3af) (Class 0)

### Pro AI Functions:

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



FREE Multisite VMS Software  
Download it from [www.watchnetinc.com](http://www.watchnetinc.com)



Optional Brackets:



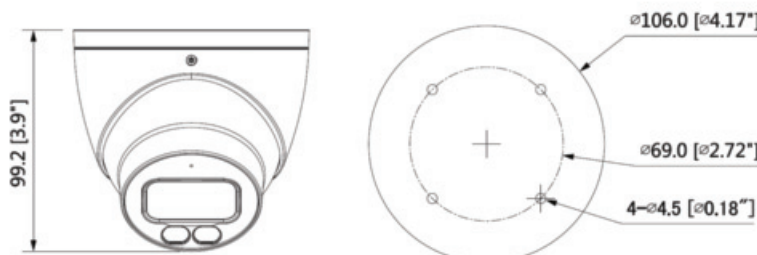
BRACK-PM-06



BRACK-BB-43



BRACK-WM-49



iPhone



Model	MPIX-40LEDT-NPC28AI
<b>Camera</b>	
Image Sensor	1/1.8" 4Megapixel progressive scan CMOS
Effective Pixels	2688(H) x 1520(V)
RAM/ROM	512MB / 128MB
Min. Illumination	0.001 Lux@F1.6
Electronic Shutter Speed	Auto/Manual, 1/3~1/100000s
Scanning System	Progressive
LED Distance (Not IR)	20 m (66 ft)
LED On/Off Control	Auto/Manual
LEDs	2
<b>Lens</b>	
Max Aperture	F1.6
Focal Length	Fixed 2.8mm lens
Optical Zoom	N/A
Lens Type	Fixed
Mount Type	Board-in Type
Angle of View	H: 113°, V: 60°
Close Focus Distance	1.3 m (4.27 ft)
Aperture Type	Fixed
<b>Video</b>	
Compression	H.265+, H.265, H.264+, H.264, H.264B, H.264H, MJPEG (sub stream)
Streaming Capability	3 Streams
Resolution	2688x1520/2560x1440/2304x1296/1080P (1920x1080)/1.3M (280x960)/720P (1280x720)/D1 (704x576/704x480)/VGA (640x480)/CIF (352x288/352x240)
Frame Rate	<b>Main Stream:</b> 2688x1520 (1fps-25/30fps) 2560x1440 (1fps-25/30fps) 1920x1080 (1fps-50/60fps) <b>Sub Stream:</b> D1 (1fps-25/30 fps) D1 (1fps-50/60fps) <b>Third Stream:</b> 1080P (1fps-16 fps)
Bit Rate Control	CBR/VBR
Bit Rate	H.264: 32 Kbps-8192 Kbps H.265: 19 Kbps-8192 Kbps
Day/Night	Auto(ICR) / Color / B/W
BLC Mode	BLC / HLC / WDR(140dB)
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)
Defog	Supported
Flip	0°/90°/180°/270°
Mirror	Off / On
Privacy Masking	Off / On (4 Area, Rectangle)

<b>Artificial Intelligence</b>	
Face Capture	Support face image capture
Fenced Area Protection	Line Crossing, Intrusion (Human & Vehicle classification)
People Counting	Support Line crossing/Region/Queueing people counting; Support 4 accesses independent detection, 4 areas independent detection
<b>General Intelligence</b>	
Event Trigger	Motion detection, Video tampering, Scene changing, Network disconnection, IP address conflict, Illegal Access, Storage anomaly
General Intelligence	Object Abandoned/Missing
<b>Audio</b>	
Compression	G.711a, G.711Mu, G.726, AAC, G.723
<b>Network</b>	
Ethernet	RJ - 45 (10/100Base -T )
Protocol	HTTP, TCP, ARP, RTSP, RTP, UDP, RTCP, SMTP, FTP, DHCP, DNS, DDNS, PPPoE, IPv4/v6, SNMP, QoS, UPnP, NTP, ICMP, HTTPS, IGMP, 802.1x
Interoperability	ONVIF(Profile S/Profile G/; P2P
Streaming Method	Unicast / Multicast
Max. User Access	20 Users
Edge Storage	NAS Local PC for instant recording Micro SD card 256GB
<b>Interface</b>	
Video Interface	N/A
Audio Interface	Built-in MIC
RS485	N/A
Alarm	N/A
<b>Electrical</b>	
Power supply	DC 12V (±30%), PoE (802.3af) (Class 0)
Power Consumption	<7.2W
<b>Environmental</b>	
Operating Conditions	-30°C ~ +60°C (-22°F ~ +140°F) / 10%RH~95%RH
Storage Conditions	-30°C ~ +60°C (-22°F ~ +140°F)
Ingress protection	IP67
<b>Construction</b>	
Casing	Metal
Dimensions	Φ106 mm × 99.2 mm (4.17" × 3.91")
Net Weight	0.55 kg (1.21 lb)
Gross Weight	0.71 kg (1.57 lb)

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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](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:**  
PO Box 126312  
No 703, Oxford Towers  
Business Bay  
Dubai, UAE  
Tel: +971 4 2767117