



MPIX-40VDF-IR28R2



## 4MP IR Mini Dome Network Camera



### Features:

- 4MP, 1/3" CMOS image sensor, low illuminance, high image definition
- 2.8mm fixed lens
- Outputs 4MP (2560 × 1440)@25/30 fps, max. supports 4MP (2688 x 1520) @ 20 fps
- H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, max IR distance: 30m/98ft
- H.264/H.265 bandwidth and storage environments
- Rotation mode, WDR(120dB), 3D DNR, HLC, BLC, digital watermarking
- Intelligent detection: Intrusion, Line Crossing
- Abnormality detection: Motion detection, video tampering, no SD card, SD card full, SD card error, network disconnected, IP conflict, illegal access, voltage detection
- Supports max. 256 GB Micro SD card
- 12V DC/POE power support
- IP67, IK10 protection grade
- Multiple network monitoring: Built-in web server
- Smart phone compatible



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

Optional Brackets:



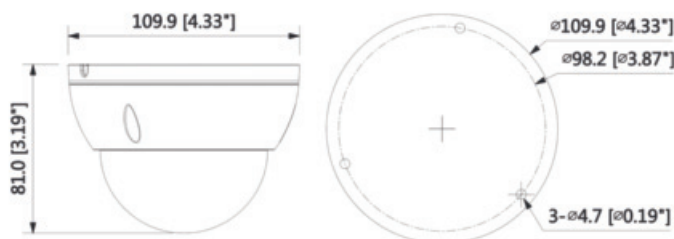
BRACK-WM-48

BRACK-BB-44

BRACK-PM-06



iPhone



Model	MPIX-40VDF-IR28R2
<b>Camera</b>	
Image Sensor	1/3" 4Megapixel progressive CMOS
Effective Pixels	2688(H) x 1520(V)
Min. Illumination	0.01 Lux @ F1.6
RAM / ROM	128MB / 128MB
Electronic Shutter Speed	Auto/Manual 1/3 s - 1/100000 s
Scanning System	Progressive
IR On / Off Control	Auto / Manual
IR LEDs	3
<b>Lens</b>	
IR Distance	Up to 30m (98ft)
Focal Length	2.8mm fixed lens
Max. Aperture	F1.6
Angle of View	Horizontal: 102.0° Vertical: 55.0° Diagonal: 121.0°
Mount Type	M12
IR On/Off Control	Auto / Manual
Close Focus Distance	0.9 m (2.95 ft)
<b>Smart Event</b>	
General Analytics	Intrusion; Line crossing
<b>Video</b>	
Compression	H.265; H.264; H.264B; MJPEG
Smart Codec	Supports H.265/H.264
Bit Rate Control	CBR / VBR
Resolution	2688×1520 (2688×1520); 2560×1440 (2560×1440); 2304×1296 (2304×1296); 1080p (1920×1080); 1.3M (1280×960); 720p (1280×720); D1 (704×576/704×480); VGA (640×480); CIF (352× 288/352×240)
Bit Rate	H.264: 32K~6144K / H.265: 12K~ 6144K
Frame Rate	<b>Main Stream:</b> 2688×1520 (1fps-20fps) 2560×1440 (1fps-25/30fps) <b>Sub Stream:</b> 704×576 (1fps-25fps)704×480 (1fps-30fps)
Day / Night	ICR switch
BLC Mode	Yes WDR(120dB)
White Balance	Auto/natural/street lamp/outdoor/manual/regional custom
Gain Control	Auto / Manual
Noise Reduction	3D DNR
Motion Detection	Off / On (4 Zone, Rectangle)
Region of Interest (ROI)	Yes (4 areas)
Smart IR	Yes
Image Rotation	0°/90°/180°/270° (Supports 90°/270° with 2688 ×1520 resolution)
Mirror	Yes
Privacy Masking	4 areas

Network	
Ethernet	RJ-45 (10/100Base-T)
Protocol	HTTP; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; IPv4/v6; QoS; UPnP; NTP; RTMP; Multicast; HTTPS; SFTP; 802.1x; ICMP; IGMP
Interoperability	ONVIF(Profile S/Profile G/Profile T); P2P
Scene self-adaptation	20
User/Host	20
Edge Storage	WatchNET Cloud; FTP; Micro SD Card (support max. 256 GB); NFS
Browser	IE, Chrome, Firefox
<b>Electrical</b>	
Power Supply	12V DC/POE
Power Consumption	< 5.2W
<b>Environmental</b>	
Operating Conditions	-40° C ~ +60°C (-40° F ~ +140°F) Less than ≤ 95 %
Storage Conditions	-40°C ~ +60°C (-22°F ~ +140°F)
Ingress Protection	IP67
Vandal Resistance	IK10
<b>Construction</b>	
Casing	Metal
Dimensions	Φ109.9mm × 81mm 4.33" × 3.19"
Net Weight	0.34Kg (0.75lb)
Gross Weight	0.47Kg (1.04lb)

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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:**  
P O Box 126312  
No 703, Oxford Towers  
Business Bay  
Dubai, UAE  
Tel: +971 4 2767117