

WatchNET®

Security Since 2000

MPIX Camera

MPIX

IP MEGAPIXEL

SENSEPIER
Ultra low light enhancement



MPIX-80VDF-IR28R3

8MP Lite IR Fixed-focal Dome Network Camera



4K

Features:

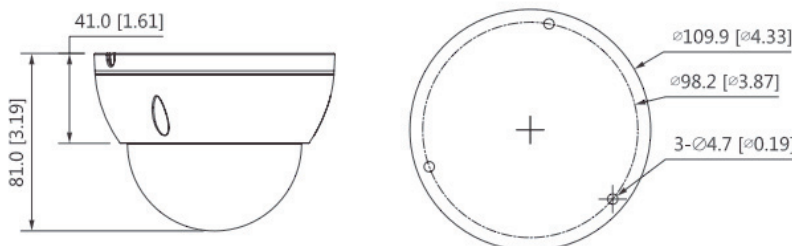
- 8MP, 1/2.7" CMOS image sensor, low illuminance, high image definition
- Output max. 8MP (3840 × 2160) @15 fps, and supports 2688×1520 (2688 × 1520) @25/30 fps
- H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, max IR distance: 30m/98.43ft"
- ROI, SMART H.264/H.265, flexible coding, applicable to various bandwidth and storage environments
- Rotation mode, WDR, 3D DNR, HLC, BLC, digital watermarking,
- Abnormality detection: Motion detection, video tampering, no SD card, SD card full, SD card error, network disconnection, IP conflict, illegal access, voltage detection
- Supports max. 256 GB Micro SD card
- 12V DC/PoE power support
- IP67, IK10 protection
- **Intelligent detection:**
Intrusion, Line Crossing



FREE Multisite VMS software included
Download from www.watchnetinc.com



ONVIF



Optional Brackets

Ceiling Mount BRACK-PM-06	Junction Back Box BRACK-BB-44	Wall Mount BRACK-WM-48
BRACK-PM-06 Ceiling Mount	BRACK-BB-44 Junction Back Box	BRACK-WM-48 Wall Mount

Model	MPIX-80VDF-IR28R3
Camera	
Image Sensor	1/2.7" 8Megapixel progressive CMOS
Effective Pixels	3840(H) x 2160(V)
ROM/RAM	128MB / 256MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s-1/100,000 s
Minimum Illumination	0.009 Lux@F2.0
S/N Ratio	>56 dB
IR Distance	Distance up to 30m/98.43ft
IR On/Off Control	Auto/ Manual
IR LEDs	3
Lens	
Lens Type	Fixed-focal
Mount Type	M12
Focal Length	2.8mm
Max. Aperture	F2.0
Field of View	Pan 105° x Tilt 56° x Diagonal 125°
Iris Type	Fixed
Close Focus Distance	1.0m / 3.3ft
Video	
Compression	H.265; H.264; H.264B; MJPEG (only supported by the sub stream)
Smart Codec	Smart H.265+ / Smart H.264+
Resolution	3840 x 2160 (3840 x 2160); 3072 x 2048 (3072 x 2048); 3072 x 1728 (3072 x 1728); 2592 x 1944 (2592 x 1944); 2688 x 1520 (2688 x 1520); 3M (2048 x 1536); 2304 x 1296 (2304 x 1296); 1080p (1920 x 1080); 1.3M (1280 x 960); 720p (1280 x 720); D1 (704 x 576/704 x 480); VGA (640 x 480); CIF (352 x 288/352 x 240)
Frame Rate	Main Stream: 3840 x 2160 (1 fps-15 fps) 2688 x 1520 (1 fps-25/30 fps) Sub Stream: 704 x 576 (1 fps-25 fps) 704 x 480 (1 fps-30 fps)
Bit Rate Control	CBR/VBR
Bit Rate	H.264: 32 Kbps-8192 Kbps H.265: 12 Kbps-8192 Kbps
Day/Night	Auto(ICR) / Color / B/W
BLC	Yes
HLC	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 areas, rectangular)
Region of Interest(Roi)	Yes (4 areas)
Smart IR	Yes
Image Rotation	0°/90°/180°/270° (Supports 90°/270° with 3840 x 2160 resolution and lower)
Mirror	Yes
Privacy Masking	4 areas

DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8mm	74.7m (245.1ft)	29.9m (98.1ft)	14.9m (48.9ft)	7.5m (24.6ft)
Smart event					
General IVS Analytics		Line Crossing; Intrusion			
Alarm					
Alarm Event		No SD card; SD card full; SD card error; network disconnection; IP conflict; motion detection; video tampering; tripwire; intrusion; illegal access; voltage detection; safety exception			
Network					
Ethernet		RJ-45 (10/100 Base-T)			
Cyber Security		Video encryption; firmware encryption; configuration encryption; Digest; WSSE; account lockout; security logs; IP/MAC filtering; generation and importing of X.509 certification; syslog; HTTPS; 802.1x; trusted boot; trusted execution; trusted upgrade			
Protocol		IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; Bonjour			
Interoperability		ONVIF(Profile S/Profile G/Profile T); CGI; P2P;			
User/Host		20			
Storage		FTP; SFTP; Micro SD Card (support max. 256 GB); NAS			
Browser		IE / Chrome / Firefox			
Smart Phone		IOS; Android			
Certifications					
Certifications		CE, FCC, RoHS			
Electrical					
Power Supply		12V DC/PoE (802.3af)			
Power Consumption		<6.2W			
Environmental					
Operating Conditions		-40° C ~ +60° C (-40° F ~ +140° F) Less than 95% RH			
Storage Conditions		-40° C ~ +60° C (-40° F ~ +140° F)			
Ingress Protection		IP67, IK10			
Construction					
Casing		Metal			
Dimensions		81mm x Φ109.9mm (3.19" x Φ4.33")			
Net Weight		0.350kg (0.77lb)			
Gross Weight		0.491kg (1.0 lb)			

All product names, logos and brands are property of their respective owners. All company products and service names used on this box/website/brochure are for identification purposes only. Use of these names, logos and brands does not imply endorsement. 2021 WatchNET Inc. © All Rights Reserved. All product specifications are subject to change without notice

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

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

May 27, 2021

info@watchnetinc.com
www.watchnetinc.com