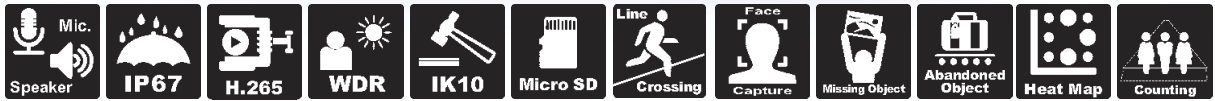




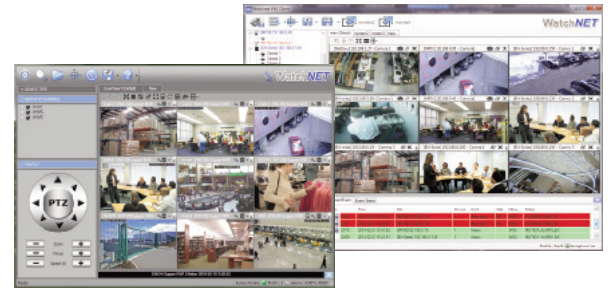
MPIX-50VDF-IR28AI2W

SMP Fixed-focal Dome Network Camera



Features:

- 5MP, 1/2.7" CMOS image sensor, low illuminance, high image definition
- 2.8 mm fixed focal lens
- Output max. 5MP (2592 × 1944) @20 fps
- Built-in high-efficiency warm light and IR LED, and Max. IR distance: 30m (98ft)
- Rotation mode, WDR(120 dB), 3D DNR, HLC, BLC
- Intelligent detection: Fenced area protection, line crossing, fast moving (the three functions support the classification and accurate detection of vehicle and human), abandoned object, missing object, loitering detection, people gathering, parking detection, heat map and face detection
- Abnormality detection: Motion detection, video tampering, scene changing, audio detection, no SD card, SD card full, SD card error, network disconnection, IP conflict, illegal access, and voltage detection
- Sound and light alarm linkage. When the alarm is triggered, the sound and light will be linked
- Alarm: 1 in, 1 out; Audio: 1 in, 1 out; supports max. 256GB Micro SD card, built-in Mic and speaker
- 12V DC/PoE power supply, IP67, IK10 protection



FREE Multisite VMS Software
Download it from www.watchnetinc.com

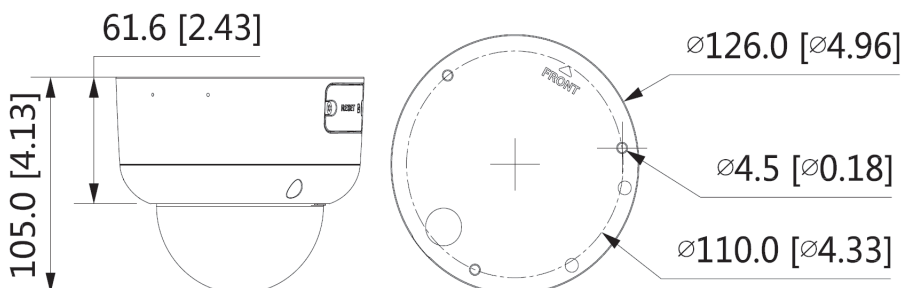


Optional Brackets:



BRACK-BB-48

BRACK-WM-48



Model	MPIX-50VDF-IR28AI2W
Camera	
Image Sensor	1/2.7" 5Megapixel progressive CMOS
Effective Pixels	2592 (H) × 1944 (V)
RAM/ROM	128 MB / 512MB
Min. Illumination	0.005 Lux
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100000 s
IR Distance	30m (98ft)
Scanning System	Progressive
S/N Ratio	>56 dB
IR On/Off Control	Auto/Manual
IR LEDs Number	2 (IR LED); 1 (Warm light)
Lens	
Max Aperture	F1.6
Focal Length	Fixed focal 2.8mm lens
Mount Type	M12
Angle of View	Horizontal 98° × Vertical 71° × Diagonal 129°
Close Focus Distance	0.9m/3ft
Iris Type	Auto
Video	
Compression	H.265; H.264; H.264H; H.264B; MJPEG (only supported by the sub stream)
Smart Codec	Smart H265+/H264+
Resolution	5M (2592 × 1944); 4M (2688 × 1520); 4M (2560 × 1440); 3M (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)
Frame Rate	Main Stream: 2592 × 1944 @1-20 fps/2688 × 1520 @1-30 fps Sub Stream: 704 × 576 @1-30 fps Third Stream: 1920 × 1080 @1 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 Mode/WDR	BLC / HLC / WDR(120dB)
Scene Self-adaptation	Yes
White Balance	Auto/natural/street lamp/outdoor/manual/regional custom
Gain Control	Auto/Manual
Noise Reduction	3D DNR
Motion Detection	Off / On (4 Zone)
Region of Interest(Rol)	Yes (4 areas)
Smart Illumination	Yes
Image Rotation	0°/90°/180°/270°
Mirror/Fog	Yes/Yes
Privacy Masking	4 areas
Audio	
Built-in MIC	Yes
Audio Compression	PCM; G.711a; G.711Mu; G.726; AAC; MPEG2-Layer2; G.722.1; G.729; G.723
Alarm Event	
No SD card; SD card full; SD card error; service life warning; network disconnection; IP conflict; illegal access; motion detection; video tampering; line crossing; fenced area protection; fast moving; abandoned object; missing object; loitering detection; people gathering; parking detection; scene changing; audio detection; voltage detection; defocus detection; external alarm; face detection; people counting in area; stay alarm; people counting; people No. exception detection; safety exception; light alarm; sound alarm (21 built-in sounds and custom voices importing)	

Smart event	
IVS / Heat Map	Abandoned object; missing object / Yes
Professional, intelligent	
IVS (Fenced Area Protection)	Line crossing; Fenced area protection; fast moving (the three functions support the classification and accurate detection of vehicle and human); loitering detection; people gathering; parking detection
Face Detection	Face detection; track; optimization; snapshot; face enhancement; face exposure; face matting setting: face, single inch photo; three snapshot methods: real-time snapshot, optimization snapshot, quality priority; face angle filter; optimization time setting
People Counting	Supports counting for # of people Entering, Exiting & Total people overall. History can be reviewed Yearly/Monthly or Daily with reports.
Intelligent Search	Works together with AI NVR to perform refined intelligent search, event extraction and merging to event videos
Network	
Ethernet	RJ-45 (10/100 Base-T)
Protocol	IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; 802.1x; SNMP
Interoperability	ONVIF(Profile S/Profile G/Profile T); P2P
User/Host	20 (Total bandwidth: 80 M)
SDK and API	Yes
Edge Storage	FTP; SFTP; Micro SD Card (support max. 256GB); NAS
Port	
Audio Input	1 channel (RAC port)
Audio Output	1 channel (RAC port)
Alarm Input	1 channel in: 5mA 3V–5V DC
Alarm Output	1 channel out: 300mA 12V DC
Electrical	
Power supply	12V DC/PoE
Power Consumption	<8.6W
Environmental	
Operating Conditions	-40°C ~ +60°C (-40°F ~ +140°F) // less than ≤95%
Storage Conditions	-40°C ~ +60°C (-40°F ~ +140°F)
Protection Grade	IP67; IK10
Construction	
Casing	Metal
Dimensions	105 mm × Φ126 mm (4.1" × Φ5.0")
Net/Gross Weight	716.4 g (1.6 lb) / 929.7 g (2.0 lb)

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