Eye-Sight

This series is designed for security professionals and offers superior image quality, advanced Al analytics, seamless connectivity, and unparalleled insight and protection, with options and configurations to meet specific needs. The Check Point Quantum IoT Nano and DDA2 Analytics provide detailed attribute analysis and advanced threat prevention.



DAI-320IPEN-MVF-V4

2MP MVF Lens Dome Camera with IR LED and DDA2 Analytics

Equipped with a 2.8-12mm motorized lens, this 2MP anti-vandal camera is designed for medium-distance surveillance (up to 40m) in indoor and outdoor scenarios. Developed to monitor high-security areas (such as banks, hotels, and chain stores) and capture crime in the act, the DAI-320IPEN-MVF-V4 features vandal-proof IK10 protection, which makes it extremely hard to sabotage. Fitted with the new "Dual System" technology, the camera can deal with internal anomalies independently, making it more redundant to software-based issues. The camera offers broad possibilities for Analytics, from Face Detection to the outstanding DDA Analytics (Detect, Distinguish, Alert) and the newly developed DDA2, which can perform object recognition, object counting, and investigate specifics such as age, color, gender, vehicle brand and much more. The DAI-320IPEN-MVF-V4 camera is here to end false alarmm. Check Point Quantum IoT Nano agent is integrated into this model. It provides an advanced threat prevention layer against the common attack vectors at runtime.































MAIN FEATURES

- DAI-320IPEN-MVF-V4 2MP MVF Lens Dome Camera with IR LED and DDA2 Analytics
- Sensor: 1/2.8" CMOS (16:9)
- Resolution: 1920×1080 20FPS (2MP)
- Lens: 2.8-12mm MVF with Auto Focus (106°-30°)
- True Day&Night ICR
- Illumination: 40m (2 High-Power IR LED)
- Compression: H.265+/ H.264+ / H.265 / H.264 / MJPEG
- Quantum IoT Nano agent by Check Point™
- General Analytics: Camera Tampering
- Human & Vehicle Recogition: Sterile Area, Line Crossing, Object Counting (Line), Object Counting (Area)
- AI (Face Detection): 10 Faces per frame

- Al: Heatmap
- DDA2: Advanced Object Classification
- True WDR (120dB), BLC, HLC, ROI
- SD Card: Event/Schedule Record (Up to 256GB)
- Alarm in + Alarm out
- Built-in Microphone + Audio input + Audio output
- ONVIF: Profile T/S/G
- Water Proof: IP67, Vandal Proof: IK10
- Weight: ~920g
- Power: DC12V/~550mA / PoE/~8.5W



DAI-320IPEN-MVF-V4



SPECIFICATIONS

3rd Party Cyber Protection		
General	Quantum IoT Nano agent by Check Point™	
Protection Methods	Shell injection protection, File Monitor, Import-Table Protection, Dynamic- Memory Protection	
NDAA Compliant		
NDAA Compliant	Yes	
Video		
Image Sensor	1/2.8" CMOS (16:9)	
Effective Pixels	1920x1080	
Electronic Shutter	1/3s ~ 1/10000s	
Day & Night	ICR	
Min. Illumination	Day: 0.1lux / Night: 0.0038lux (@F1.4, AGC on) 0lux with IR on	
Audio		
Audio compression	G.711A/G.711U	
Communication	Two-Way Audio	
Image		
Image Settings	AWB, AGC Adjustable, Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable	
Image Enhancement	True WDR (120dB), BLC, HLC, ROI	
Noise Reduction	3D-DNR	
Image Orientation	Mirror/Flip, Corridor Mode	
Privacy Zone	Yes	
Events and Analytics		
Analytics	General Analytics: Camera Tampering Human & Vehicle Recogition: Sterile Area, Line Crossing, Object Counting (Line), Object Counting (Area) Al (Face Detection): 10 Faces per frame Al: Heatmap DDA2: Advanced Object Classification	
Motion Detection	Yes	
Metadata	Human: Gender, Age, Direction, Hat, Glasses, Backpack, Upper clothing type, Upper clothing color, Lower clothing type, Lower clothing color, Skirt/Dress, Mask, Shoulderbag Car/Truck: Color, Type, Brand, Model 2-Wheel: Type	

DAI-320IPEN-MVF-V4

Network



Compression			
Resolution	2MP / 1MP / D1 (704x576) / QVGA (480x240) / CIF (352x288)		
Frame Rate	1-25/30FPS		
Video Compression	H.265+/ H.264+ / H.265 / H.264 / MJPEG**		
Multi-Stream	Master Stream: 2MP (1920x1080) / 1MP (1280x720) (1~30fps) Substream: 1MP/QVGA/D1/CIF Third Stream: QVGA/D1/CIF (1~30fps)		
Bit Rate	64Kbps ~ 4Mbps@H.265 / 64Kbps ~ 6Mbps@H.264		
Encode Mode	VBR/CBR		
Image Quality	Five levels under VBR; Free adjustment under CBR		
Lens			
Lens (Field of View)	2.8-12mm MVF with Auto Focus (106°-30°)		
Iris	DC Iris		
Lens Mount	Ø14 Mount		
Detect	2.8~12mm(W): 43.32m(142.12ft) - 2.8~12mm(T): 144.53m(474.17ft)		
Recognize	2.8~12mm(W): 8.66m(28.41ft) - 2.8~12mm(T): 28.91m(94.84ft)		
Identify	2.8~12mm(W): 4.33m(14.20ft) - 2.8~12mm(T): 14.45m(47.40ft)		
Network	Network		
User Access	Supports simultaneous monitoring of up to 10 users with multi-stream real-time transmission		
Network Protocol	IPv4, IPv6, TCP, UDP, DHCP, NTP, DDNS, SNMP, 802.1X, RTSP, RTMP, Multicast, UPnP, Email, FTP, HTTPS, QoS, P2P, HTTP POST, Auto Report		
Remote Monitoring	IE Browsing, VMS Software, Provision Cam2 Mobile App		
Ethernet	100Mbps		
ONVIF	Profile T/S/G		
Connectivity			

RJ45 (+PoE)

DAI-320IPEN-MVF-V4

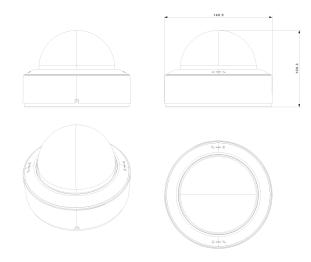


Audio Connectivity	Built-in Microphone + Audio input + Audio output
Alarm	Alarm in + Alarm out
SD Card	Event/Schedule based Main/Substream recording (Up to 256GB)
Wiegand	N/A
Power	DC Socket
Analog Video Output	CVBS out + Technician Port

Housing	
РоЕ	Yes
Illumination	40m (2 High-Power IR LED)
Power Supply	DC12V/~550mA / PoE/~8.5W
Protection Rate	Water Proof: IP67, Vandal Proof: IK10
Work Environment	-30°C~60°C, 10%~90% Humidity
Bracket	3-Axis Bracket
Dimensions	Ø140.9x100.3mm
Weight (gross)	~920g
Hard Reset Button	Yes



DIMENSIONS



ACCESSORIES

