

## Eye-Sight

This series is designed for security professionals and offers superior image quality, advanced AI 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.



# DMA-320IPEN-28-V4

## 10m IR 2MP DDA2 Analytics fixed Lens Small Anti-Vandal Dome Camera With Built-in Check Point Protection and Dual System technology

The DMA-320IPEN-28-V4 camera has a 2.8mm fixed lens and a protective dome. With its 11cm diameter, this 2MP mini-dome camera is designed for short-distance surveillance (up to 10m) in indoor and outdoor scenarios. The vandal-proof IK10 protection 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 DMA-320IPEN-28-V4 camera is here to end false alarms. 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.



1/3 Sensor family	2.8 mm Lens	10m IR IR View 0 Lux	PoE	WDR True
Audio IN	Audio OUT	Build-In Mic	IP67 Protection rating	IK10 Protection rating
Alarm IN/OUT				

DDA 2 <sup>nd</sup> ANALYTICS	IR NIGHT VISION	FACE DETECTION
NDA	FIXED LENS	ONVIF T S G

## MAIN FEATURES

- DMA-320IPEN-28-V4
- Sensor: 1/2.8" CMOS (16:9)
- Resolution: 1920x1080 25/30FPS (2MP)
- Lens: 2.8mm (103°)
- True Day&Night - ICR
- Illumination: 10m (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
- AI (Object Recognition): DDA Sterile Area, DDA Line Crossing, DDA Object Counting (Line), DDA Object Counting (Area)
- AI (Face Detection): 10 Faces per frame
- AI: 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: 350g
- Power: DC12V/~340mA / PoE/~4.7W



## SPECIFICATIONS

3rd Party Cyber Protection	
<b>General</b>	Quantum IoT Nano agent by Check Point™
<b>Protection Methods</b>	Shell injection protection, File Monitor, Import-Table Protection, Dynamic-Memory Protection
NDAA Compliant	
<b>NDAA Compliant</b>	Yes
Video	
<b>Image Sensor</b>	1/2.8" CMOS (16:9)
<b>Effective Pixels</b>	1920x1080
<b>Electronic Shutter</b>	1/3s ~ 1/10000s
<b>Day &amp; Night</b>	ICR
<b>Min. Illumination</b>	Day: 0.1lux / Night: 0.005lux (@F1.6, AGC on) 0lux with IR on
Audio	
<b>Audio compression</b>	G.711A/G.711U
<b>Communication</b>	Two-Way Audio
Image	
<b>Image Settings</b>	AWB, AGC Adjustable, Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable
<b>Image Enhancement</b>	True WDR (120dB), BLC, HLC, ROI
<b>Noise Reduction</b>	3D-DNR
<b>Image Orientation</b>	Mirror/Flip, Corridor Mode
<b>Privacy Zone</b>	Yes
Events and Analytics	
<b>Analytics</b>	General Analytics: Camera Tampering AI (Object Recognition): DDA Sterile Area, DDA Line Crossing, DDA Object Counting (Line), DDA Object Counting (Area) AI (Face Detection): 10 Faces per frame AI: Heatmap DDA2: Advanced Object Classification
<b>Motion Detection</b>	Yes
Compression	

<b>Resolution</b>	2MP / 1MP / D1 (704x576) / QVGA (480x240) / CIF (352x288)
<b>Frame Rate</b>	1-25/30FPS
<b>Video Compression</b>	H.265+/ H.264+ / H.265 / H.264 / MJPEG**
<b>Multi-Stream</b>	Master Stream: 2MP (1920x1080) / 1MP (1280x720) (1~30fps) Substream: 1MP/QVGA/D1/CIF Third Stream: QVGA/D1/CIF (1~30fps)
<b>Bit Rate</b>	64Kbps ~ 4Mbps@H.265 / 64Kbps ~ 6Mbps@H.264
<b>Encode Mode</b>	VBR/CBR
<b>Image Quality</b>	Five levels under VBR; Free adjustment under CBR

Lens	
<b>Lens (Field of View)</b>	2.8mm (103°)
<b>Iris</b>	Fixed Iris
<b>Lens Mount</b>	M12 Mount
<b>Detect</b>	41.49m(136.12ft)
<b>Recognize</b>	8.30m(27.23ft)
<b>Identify</b>	4.15m(16.30ft)

Network	
<b>User Access</b>	Supports simultaneous monitoring of up to 10 users with multi-stream real-time transmission
<b>Network Protocol</b>	IPv4, IPv6, TCP, UDP, DHCP, NTP, DDNS, 802.1X, RTSP, Multicast, UPnP, Email, FTP, HTTPS, QoS, P2P
<b>Remote Monitoring</b>	IE Browsing (Plug-In required), Chrome/Edge/Safari/Firefox plug-in free browsing, Ossia VMS Software, Provision Cam2 Mobile App
<b>Ethernet</b>	100Mbps
<b>ONVIF</b>	Profile T/S/G

Connectivity	
<b>Network</b>	RJ45 (+PoE)
<b>Audio Connectivity</b>	Built-in Microphone + Audio input + Audio output

<b>Alarm</b>	Alarm in + Alarm out
<b>SD Card</b>	Event/Schedule based Main/Substream recording (Up to 256Gb)
<b>Wiegand</b>	No
<b>Power</b>	DC Socket
<b>Analog Video Output</b>	No

<b>Housing</b>	
<b>PoE</b>	Yes
<b>Illumination</b>	10m (2 High-Power IR LED)
<b>Power Supply</b>	DC12V/~340mA / PoE/~4.7W
<b>Protection Rate</b>	Water Proof: IP67 Vandal Proof: IK10
<b>Work Environment</b>	-30°C~50°C, 10%~90% Humidity
<b>Bracket</b>	3-Axis Gimbal
<b>Dimensions</b>	Φ110.4mm×62mm
<b>Weight (gross)</b>	350g
<b>Hard Reset Button</b>	Yes

## ACCESSORIES

