#### **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.



## **16-340IPEN-MVF-V4**

### 60m IR 4MP DDA2 Analytics Fixed Lens Large Bullet Camera With Built-in Check Point Protection and **Dual System technology**

Equipped with a 2.8-12mm motorized lens, this 4MP camera is designed for medium-distance surveillance (up to 60m) in indoor and outdoor scenarios. 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 I6-340IPEN-MVF-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.

































#### **MAIN FEATURES**

- 16-340IPEN-MVF-V4
- Sensor: 1/3" CMOS (16:9)
- Resolution: 2592×1520 25/30FPS (4MP)
- Lens: 2.8-12mm MVF with Auto Focus (105°-33°)
- True Day&Night ICR
- Illumination: 60m (4 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
- Al (Object Recognition): DDA Sterile Area, DDA Line Crossing, DDA Object Counting (Line), DDA 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
- Weight: ~1070g
- Power: DC12V/~550mA / PoE/~8.5W





### **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	1/3" CMOS (16:9)	
Effective Pixels	2592×1520	
Electronic Shutter	1/2s ~ 1/100000s	
Day & Night	ICR	
Min. Illumination	Day: 0.1lux / Night: 0.005lux (@F1.6, 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	Events and Analytics	
Analytics	General Analytics: Camera Tampering Al (Object Recognition): DDA Sterile Area, DDA Line Crossing, DDA Object Counting (Line), DDA Object Counting (Area) Al (Face Detection): 10 Faces per frame Al: Heatmap DDA2: Advanced Object Classification	
Motion Detection	Yes	
Compression		

# **16-340IPEN-MVF-V4**



Resolution	4MP (2592x1520) / 3MP (2304x1296) / 2MP (1920x1080) / D1 / QVGA /CIF
Frame Rate	1-25/30FPS in Normal Mode. 1-50/60FPS in HFR Mode**
Video Compression	H.265+/ H.264+ / H.265 / H.264 / MJPEG**
Multi-Stream	Master Stream: 4MP(2592x1520) / 2K (2560x1440) / 3MP / 2MP / 1MP Substream: 1MP/QVGA/D1/CIF Third Stream: QVGA/D1/CIF (1~30fps)
Bit Rate	64Kbps ~ 7Mbps@H.265 / 64Kbps ~ 8Mbps@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 (105°-33°)
Iris	DC Iris
Lens Mount	Ø14 Mount
Detect	2.8~12mm(W): 58.91m(193.27ft) - 2.8~12mm(T): 205.99m(675.82ft)
Recognize	2.8~12mm(W): 11.78m(38.74ft) - 2.8~12mm(T): 41.20m(119.32ft)
Identify	2.8~12mm(W): 5.89m(19.35ft) - 2.8~12mm(T): 20.60m(59.64ft)

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, 802.1X, RTSP, Multicast, UPnP, Email, FTP, HTTPS, QoS, P2P
Remote Monitoring	IE Browsing (Plug-In required), Chrome/Edge/Safari/Firefox plug-in free browsing, Ossia VMS Software, Provision Cam2 Mobile App
Ethernet	100Mbps
ONVIF	Profile T/S/G

Connectivity	
Network	RJ45 (+PoE)
Audio Connectivity	Built-in Microphone + Audio input + Audio output

# **16-340IPEN-MVF-V4**



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

Housing	
РоЕ	Yes
Illumination	60m (4 High-Power IR LED)
Power Supply	DC12V/~550mA / PoE/~8.5W
Protection Rate	Water Proof: IP67
Work Environment	-30°C~60°C, 10%~90% Humidity
Bracket	3-Axis Bracket
Dimensions	271.8x92.4x79.4mm
Weight (gross)	~1070g
Hard Reset Button	Yes

# **16-340IPEN-MVF-V4**



### **DIMENSIONS**

