



# Smart perimeter protection.

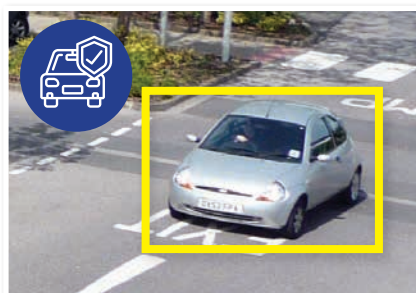
## Professional AI Series: Motorised & fixed AI perimeter protection bullets in 4.0MP

Featuring intelligent perimeter protection, the Professional AI Series identifies people & vehicles during motion detection to filter out false alarms, providing reliable real-time alerts and analytics. Achieving high quality video evidence with colour in low light & true WDR, the series excels at outdoors motion detection applications.

- Stream up to 4.0MP (2688 x 1520) at 25fps
- H.265 encoding for efficient storage & streaming
- Up to 60m infrared range; true day/night (auto ICR)
- MicroSD slot for recording at the edge up to 256GB
- Smart Motion Detection (AI NVR not required)
- Perimeter Protection combines Smart Motion Detection with tripwire/intrusion rules
- Back/highlight compensation & true WDR (120dB)
- 3D digital noise reduction & auto white balance
- IP67 weather rated housing for outdoor use



Double Full HD Resolution



Smart Perimeter Protection



Weather Resistant Housing

Specifications		4.0MP Motorised AI Bullet	4.0MP Fixed AI Bullet
<b>Ordering Information</b>		<b>CAM475: Standard</b>	<b>CAM474: Standard</b>
<b>Camera</b>	Image Sensor	1/3" 4.0MP Progressive Scan CMOS	
	Effective Pixels	2688 (H) x 1520 (V)	
	RAM / ROM	128MB / 128MB	512MB / 128MB
	Min Illumination	0.008 Lux/F1.5 (Color)	0.005 Lux/F1.6 (Color)
	S/N Ratio	> 50dB	
<b>Infrared System</b>		4 x Infrared LED, 60m range, Auto/manual on/off control	1 x Infrared LED, 50m range, Auto/manual on/off control
<b>Lens</b>	Lens / Iris	2.7 ~ 13.5mm F1.5 Motorised Varifocal Lens with Fixed Iris	2.8mm F1.6 Fixed Lens
	Field of View	Horizontal: 104°~27°, Vertical: 55°~15° (5x Optical Zoom)	Horizontal: 103°, Vertical: 55°
	Focus	Auto Focus / 0.8m Min. Focus Distance	Fixed / 0.9m Min. Focus
<b>DORI</b>	Detect (25px/m)	64m (wide) / 220m (tele)	56m
	Observe (63px/m)	26m (wide) / 88m (tele)	22m
	Recognise (125px/m)	13m (wide) / 44m (tele)	11m
	Identify (250px/m)	6m (wide) / 22m (tele)	6m
<b>Resolution</b>		4.0MP (2688 x 1520) to CIF (352 x 288)	
<b>Frame Rate</b>	Main	4.0MP (1 ~ 20fps) / 3.0MP (1 ~ 25fps)	4.0MP (1 ~ 25fps)
	Sub	D1 (1 ~ 25fps)	D1 (1 ~ 25fps)
	Third	N/A	720p (1 ~ 25fps)
<b>Video Compression</b>		H.265 / H.264 / H.264B / MJPEG	
<b>Bit Rate</b>		H.265: 12 ~ 6144Kbps / H.264: 32 ~ 6144Kbps	H.265: 3 ~ 8192Kbps / H.264: 3 ~ 8192Kbps
<b>Bit Rate Control</b>		Constant bit rate (CBR) / Variable bit rate (VBR)	
<b>Day/Night</b>		Auto (ICR) / Color / B&W	
<b>Lighting Compensation</b>		BLC / HLC / WDR (120dB)	
<b>White Balance</b>		Auto / Natural / Street Lamp / Outdoor / Manual / Regional Custom	
<b>Gain Control</b>		Auto / Manual	
<b>Noise Reduction</b>		3D DNR	
<b>Picture Control</b>		Mirror / Flip (0°, 90°, 180°, 270°)	Mirror / Flip (0°, 90°, 180°, 270°) (Support 90°/270° at 2.0MP resolution)
<b>IVS</b>	Intelligent Functions	Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Infrared	
	Perimeter Protection	Tripwire, Intrusion (recognition of human or vehicle)	
	Intelligent Search	With a smart NVR intelligent search. Search tripwire/ intrusion events by people or vehicle.	
<b>Network</b>	Ethernet	RJ-45 (10/100Base-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; Bonjour	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
	Streaming Method	Unicast / Multicast	
	Max. User Access	20 Users	
<b>Video Interface</b>		N/A	
<b>Audio Interface</b>		1 input (RCA Port) / 1 output (RAC Port) / Audio Compression - G.711a; G.711Mu; G726; AAC	Built-in Mic / Audio Compression - G.711a; G.711Mu; G726; AAC
<b>Alarm Interface</b>		1 channel in: 5mA 5VDC / 1 channel out: 300mA 12VDC	
<b>RS485</b>		N/A	
<b>Edge Storage</b>		MicroSD Card (up to 256GB) / NAS	MicroSD Card (up to 256GB) / NAS / FTP / SFTP
<b>Interoperability</b>		ONVIF / P2P / CGI / Milestone / Genetec	
<b>Power Supply</b>		12VDC / PoE (802.3af)	
<b>Power Consumption</b>		<9.6W	<5.4W
<b>Operating Conditions</b>		-30°C ~ +60°C / ≤95% RH	
<b>Ingress Protection</b>		IP67	
<b>Vandal Resistance</b>		N/A	
<b>Housing</b>		Metal	
<b>Pan/Tilt/Rotation</b>		Pan: 0° ~ 360°, Tilt: 0° ~ 90°, Rotation: 0° ~ 360°	
<b>Dimensions</b>		Ø90mm x 244mm	193mm x 71mm x 66mm
<b>Net Weight</b>		0.90kg	0.59kg
<b>Installation</b>	<b>Dimensions &amp; Mounting Options</b>	<p>Motorised / Fixed</p>	
		<p>Junction Mount</p> <p>MB1064</p>	<p>Pole Mount</p> <p>MB1064 + MB1027</p>

Your local VIP Vision™ IP solutions professional: