



# Smart perimeter protection.

## Professional AI Series: Fixed AI perimeter protection wedge domes in 4.0MP

Featuring intelligent Perimeter Protection, the Professional AI Series identifies people & vehicles during motion detection to prevent 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 50m infrared range; true day/night (auto ICR)
- Back/highlight compensation & true WDR (120dB)
- MicroSD slot for recording at the edge up to 256GB
- Perimeter Protection to identify people & vehicles
- Combine Perimeter Protection with Tripwire/Intrusion to prevent false alarms, all using any VIP Vision NVR
- 3D digital noise reduction & auto white balance
- IP67 weather rated & IK10 vandal rated housing



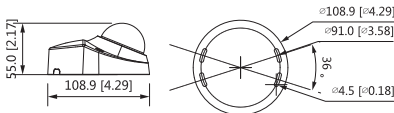




Double Full HD Resolution



Smart Perimeter Protection



Weather & Vandal Resistant

Specifications		4.0MP Fixed AI Wedge Dome				
Camera	Ordering Information	<b>CAM486:</b> Standard				
	Image Sensor	1/3" 4.0MP Progressive Scan CMOS				
	Effective Pixels	2688 (H) x 1520 (V)				
	RAM / ROM	512MB / 128MB				
	Min Illumination	0.005 Lux/F1.6 (Color)				
	S/N Ratio	N/A				
	Infrared System	8 x Infrared LEDs, 50m range, Auto/manual on/off control				
Lens	Lens / Iris	2.8mm F1.6 Fixed Focal Lens with Fixed Iris				
	Field of View	Horizontal: 103°, Vertical: 55°, Diagonal: 122°				
	Focus	Auto Focus / 0.9m Min. Focus Distance				
DORI	Detect (25px/m)	56m				
	Observe (63px/m)	22m				
	Recognise (125px/m)	11m				
	Identify (250px/m)	6m				
Video	Resolution	4.0MP (2688 x 1520) to CIF (352 x 288)				
	Frame Rate	Main	4.0MP (1 ~ 25fps)			
		Sub	D1 (1 ~ 25fps)			
		Third	720p (1 ~ 25fps)			
	Video Compression	H.265 / H.264 / H.264H / H.264B / MJPEG				
	Bit Rate	H.265: 3 ~ 8192Kbps / H.264: 3 ~ 8192Kbps				
	Bit Rate Control	Constant bit rate (CBR) / Variable bit rate (VBR)				
	Day/Night	Auto (ICR) / Color / B&W				
	Lighting Compensation	BLC / HLC / WDR (120dB)				
	White Balance	Auto / Natural / Street Lamp / Outdoor / Manual / Regional Custom				
	Gain Control	Auto / Manual				
	Noise Reduction	3D DNR				
Picture Control	Mirror / Flip (0°, 90°, 180°, 270°) *90° & 270° supports 2.0MP resolution only					
IVS	Intelligent Functions	Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Infrared				
	Perimeter Protection	Tripwire & Intrusion (Add recognition of humans & vehicles)				
	Intelligent Search	Via NVR Smart Search, Search tripwire/intrusion events by people or vehicle				
Network	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; SNMP				
	Streaming Method	Unicast / Multicast				
	Max. User Access	20 Users				
Interface	Video Interface	N/A				
	Audio Interface	Built-in Mic / Audio Compression - G.711a; G.711Mu; G726; AAC				
	Alarm Interface	N/A				
	RS485	N/A				
	Edge Storage	MicroSD Card (up to 256GB) / NAS / FTP / SFTP				
Environmental	Interoperability	ONVIF (Profile S/Profile G) / CGI / P2P / Milestone / Genetec				
	Power Supply	12VDC / PoE (802.3af)				
	Power Consumption	<5.7W				
	Operating Conditions	-40°C ~ +60°C / ≤95% RH				
	Ingress Protection	IP67				
	Vandal Resistance	IK10				
	Housing	Metal				
	Pan/Tilt/Rotation	Pan: -30° ~ 30°, Tilt: 0° ~ 80°, Rotation: 0° ~ 360°				
	Dimensions	Ø108.9mm x 55mm				
	Net Weight	0.38kg				
Installation	Dimensions & Mounting Options					
			Junction Mount	Wall Mount	Pole Mount	Ceiling Mount
			MB1047	MB1046	MB1046 + MB1027	MB1057 + MB1060

Your local VIP Vision™ IP solutions professional: