



**AI Scene
Adaptive**



**AI People
& Vehicle
Detection**

8.0
MEGAPIXEL

6.0
MEGAPIXEL

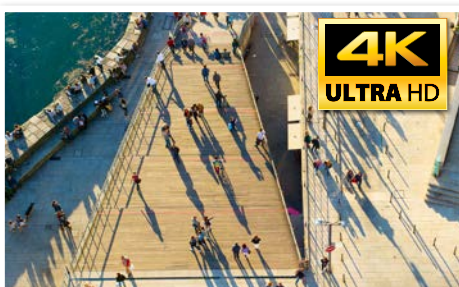
4.0
MEGAPIXEL

Identify people & vehicles.

Professional AI Series: Fixed AI vandal domes in 4.0MP, 6.0MP & 8.0MP

The Professional AI Series utilises the latest in AI machine learning technology to identify people & vehicles with superior accuracy and reliability. Experience improved AI performance with Smart Motion Detection (SMD 4.0) that minimises false triggers and detects humans & vehicles with a 99% accuracy rate. AI Smart Scene Adaptive (AI SSA) detects and adjusts for fog, glare, low light and rain to ensure capture of clear video evidence.

- Stream up to 8.0MP (3840 x 2160) 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
- AI weather and anti-flicker scene self-adaption
- New gen Smart Motion Detection (SMD 4.0) & Perimeter Protection to prevent false alarms, using VIP Vision NVRs
- 3D digital noise reduction & auto white balance
- IP67 weather rated & IK10 vandal rated housing



Record up to 4K in Real Time (25fps)

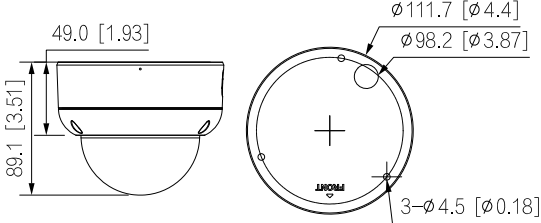


Smart Person & Vehicle Detection



AI Scene Adaptation

Specifications		4.0MP Fixed AI Vandal Dome	6.0MP Fixed AI Vandal Dome	8.0MP Fixed AI Vandal Dome
Ordering Information		CAM476	CAM4122	CAM4124
Camera	Image Sensor	1/3" 4.0MP Progressive Scan CMOS	1/2.7" 6.0MP Progressive Scan CMOS	1/2.8" 8.0MP Progressive Scan CMOS
	Effective Pixels	2688 (H) x 1520 (V)	3072 (H) x 2048 (V)	3840 (H) x 2160 (V)
	RAM / ROM	512MB / 128MB	1GB / 128MB	1GB / 128MB
	Min Illumination	0.005 Lux/F1.4 (Color)	0.005 lux/F1.4 (Color)	0.007 Lux/F1.4 (Color)
	Infrared System	3 x Infrared LED, 50m range, Auto/manual on/off control	3 x Infrared LED, 30m range, Auto/manual on/off control	3 x Infrared LED, 30m range, Auto/manual on/off control
	S/N Ratio	> 56dB		
Lens	Lens / Iris	2.8mm F1.4 Fixed Lens		
	Field of View	Horizontal: 102°, Vertical: 54°	Horizontal: 111°, Vertical: 58°	Horizontal: 107°, Vertical: 56°
	Focus	Fixed / 0.7m Min. Focus	Fixed / 1.1m Min. Focus	Fixed / 1.5m Min. Focus
DORI	Detect (25px/m)	64m	64m	88m
	Observe (63px/m)	25m	25m	35m
	Recognise (125px/m)	13m	13m	18m
	Identify (250px/m)	6m	6m	9m
Video	Resolution	4.0MP (2688 x 1520) to CIF (352 x 288)	6.0MP (3072 x 2048) to CIF (352 x 288)	8.0MP (3840 x 2160) to CIF (352 x 288)
	Frame Rate	Main	4.0MP (1 ~ 25fps)	8.0MP (1 ~ 25fps)
		Sub	D1 (1 ~ 25fps)	
		Third	1080p (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) / AI SSA		
	White Balance	Auto / Natural / Street Lamp / Outdoor / Manual / Regional Custom		
IVS	Gain Control	Auto		
	Noise Reduction	3D DNR		
	Picture Control	Mirror / Flip (0°, 90°, 180°, 270°) (Support 90°/270° at 4.0MP resolution and lower)		
	Video Functions	Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones)		
	AI Functions	Smart Motion Detection (SMD 4.0): People and vehicle detection using motion detection		
	Intelligent search	IVS (Perimeter Protection): People and vehicle detection using tripwire or intrusion rules		
		Search people or vehicle detection events (SMD 4.0, Perimeter Protection)		
	Ethernet	RJ-45 (10/100Base-T)		
	Protocol	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; SAMBA; PPPoE; SNMP		
	Streaming Method	Multicast		
Interface	Max. User Access	20 Users		
	Video Interface	N/A		
	Audio Interface	1 input (RCA Port) / 1 output (RCA Port) / Audio Compression - G.711a; G.711Mu; PCM; G.726; G.723		
	Alarm Interface	1 channel in: 5mA 3-5VDC / 1 channel out: 300mA 12VDC		
	Edge Storage	MicroSD Card (up to 256GB) / NAS / FTP / SFTP		
	Interoperability	ONVIF / P2P / CGI / Milestone / Genetec		
Environmental	Power Supply	12VDC / PoE (802.3af)		
	Power Consumption	<8.3W	<9.7W	<9.7W
	Operating Conditions	-40°C ~ +60°C, ≤95% RH		
	Ingress Protection	IP67		
	Vandal Resistance	IK10		
	Housing	Metal		
	Pan/Tilt/Rotation	Pan: 0° ~ 355°, Tilt: 0° ~ 80°, Rotation: 0° ~ 355°		
	Dimensions	Ø111.7mm x 89.1mm		
Net Weight		0.516kg		

Application		
	Junction Box	Ceiling Mount
	MB1051	VSBKTA109 + MB1057
	Wall Mount	Pole Mount
	MB1043	MB1043 + MB1027

Your local VIP Vision™ IP solutions professional: