



**AI Scene
Adaptive**



**AI People
& Vehicle
Detection**

8.0
MEGAPIXEL

6.0
MEGAPIXEL

4.0
MEGAPIXEL

Identify people & vehicles.

Professional AI Series: Motorised AI vandal domes in 4.0MP, 6MP & 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 (2688 x 1520) at 25fps
- H.265+ encoding for efficient storage & streaming
- Up to 40m 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
- Smart Motion Detection (SMD 4.0) for person detection (up to 12m) and vehicle detection (up to 18m)
- 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 Motorised AI Vandal Dome	6.0MP Motorised AI Vandal Dome	8.0MP Motorised AI Vandal Dome
Ordering Information		CAM477	CAM4126	CAM4129
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) × 2048 (V)	3840 (H) x 2160 (V)
	RAM / ROM	512MB / 128MB	1GB / 128MB	1GB / 128MB
	Min Illumination	0.005 Lux/F1.5 (Color)	0.005 lux/F1.5 (Color)	0.007 Lux/F1.5 (Color)
S/N Ratio		> 56dB		
Infrared System		3 x Infrared LED, 40m range, Auto/manual on/off control		
Lens	Lens / Iris	2.7 ~ 13.5mm F1.5 Motorised Varifocal Lens with Fixed Iris		
	Field of View	Horizontal: 104°~29°, Vertical: 54°~16°	Horizontal: 109°~30°, Vertical: 56°~17°	Horizontal: 109°~30°, Vertical: 56°~17°
Focus		Auto Focus / 0.8m Min. Focus Distance		
DORI	Detect (25px/m)	64m (wide) / 210m (tele)	64m (wide) / 210m (tele)	88m (wide) / 290m (tele)
	Observe (63px/m)	26m (wide) / 84m (tele)	26m (wide) / 84m (tele)	35m (wide) / 116m (tele)
	Recognise (125px/m)	13m (wide) / 42m (tele)	13m (wide) / 42m (tele)	18m (wide) / 58m (tele)
	Identify (250px/m)	6m (wide) / 21m (tele)	6m (wide) / 21m (tele)	9m (wide) / 29m (tele)
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)	6.0MP (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		
Gain Control		Auto		
Noise Reduction		3D DNR		
Picture Control		Mirror / Flip (0°, 90°, 180°, 270°) (support 90°/270° with 4.0MP resolution and lower)		
IVS	Video Functions	Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Infrared		
	AI Functions	Smart Motion Detection (SMD 4.0): People and vehicle detection using motion detection Perimeter Protection: People and vehicle detection using tripwire or intrusion rules		
	Intelligent search	Search people or vehicle detection events (SMD 4.0, Perimeter Protection)		
Network	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		
	Max. User Access	20 Users		
Interface	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: 3- 5mA 5VDC / 1 channel out: 300mA 12VDC		
	Edge Storage	MicroSD Card (up to 256GB) / NAS / FTP / SFTP		
Interoperability		ONVIF / P2P / CGI / Milestone / Genetec		
Power Supply		12VDC / PoE (802.3af)		
Environmental	Power Consumption	<9.2W	<10.5w	<10.5W
	Operating Conditions	-30°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	Ø122mm x 94mm		
Net Weight		0.713kg		
Application				
		Junction Box	Wall Mount	Ceiling Mount
		MB1048	MB1043	VSBKTA109 + MB1057
		Pole Mount		
		MB1048 + MB1027	MB1043 + MB1027	

Your local VIP Vision™ IP solutions professional: