



# Identify people & vehicles.

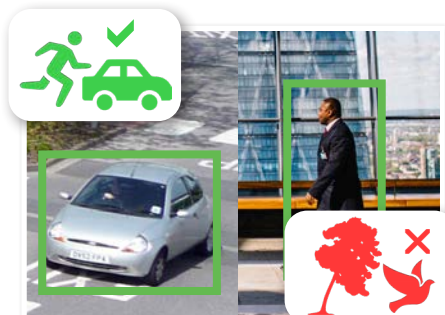
## Professional AI Series: Motorised AI vandal dome cameras in 4.0MP & 8.0MP

The Professional AI Series identifies people & vehicles using machine learning, to reduce false motion detection alerts and provide meaningful video event notifications in real-time. When used in conjunction with a VIP Vision NVR, person and vehicle events can be isolated in footage playback to improve surveillance efficiency.

- Stream up to 8.0MP (2688 x 1520) at 20fps
- 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
- Intelligent AI detection to identify people & vehicles
- Smart Motion Detection (SMD+) & 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 at 4K Ultra HD Resolution



Smart Person & Vehicle Detection



Superb Low Light Performance

Specifications		4.0MP Motorised AI Vandal Dome	8.0MP Motorised AI Vandal Dome
<b>Ordering Information</b>		<b>CAM477: 4.0MP Standard</b>	<b>CAM4101: 8.0MP Standard</b>
<b>Camera</b>	Image Sensor	1/3" 4.0MP Progressive Scan CMOS	1/2.8" 8.0MP Progressive Scan CMOS
	Effective Pixels	2688 (H) x 1520 (V)	3840 (H) x 2160 (V)
	RAM / ROM	512MB / 128MB	
	Min Illumination	0.005 Lux/F1.5 (Color)	0.007 Lux/F1.5 (Color)
	S/N Ratio	> 56dB	
<b>Infrared System</b>		2 x Infrared LED, 40m range, Auto/manual on/off control	
<b>Lens</b>	Lens / Iris	2.7 ~ 13.5mm F1.5 Motorised Varifocal Lens with Fixed Iris	
	Field of View	Horizontal: 104°~27°, Vertical: 55°~15° (5x Optical Zoom)	Horizontal: 113°~31°, Vertical: 58°~17° (5x Optical Zoom)
	Focus	Auto Focus / 0.8m Min. Focus Distance	
<b>DORI</b>	Detect (25px/m)	64m (wide) / 220m (tele)	85m (wide) / 280m (tele)
	Observe (63px/m)	26m (wide) / 88m (tele)	34m (wide) / 112m (tele)
	Recognise (125px/m)	13m (wide) / 44m (tele)	17m (wide) / 56m (tele)
	Identify (250px/m)	6m (wide) / 22m (tele)	8m (wide) / 28m (tele)
<b>Resolution</b>		4.0MP (2688 x 1520) to CIF (352 x 288)	8.0MP (3840 x 2160) to CIF (352 x 288)
<b>Video</b>	Frame Rate	Main	4.0MP (1 ~ 25fps)
		Sub	D1 (1 ~ 25fps)
		Third	720p (1 ~ 25fps)
<b>Video Compression</b>		H.265+ / H.265 / H.264+ / H.264 / H.264H / H.264B / MJPEG	
<b>Bit Rate</b>		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°)	
<b>Video Functions</b>		Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Infrared	
<b>IVS</b>	<b>AI Functions</b>		<b>Smart Motion Detection (SMD+):</b> People and vehicle detection using motion detection <b>Perimeter Protection:</b> People and vehicle detection using tripwire or intrusion rules
	<b>Intelligent search</b>		Search people or vehicle detection events (SMD+, Perimeter Protection)
	<b>Ethernet</b>		RJ-45 (10/100Base-T)
<b>Network</b>	<b>Protocol</b>	IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; SAMBA; PPPoE; 802.1x; SNMP	
	<b>Streaming Method</b>	Unicast / Multicast	
	<b>Max. User Access</b>	20 Users	
	<b>Video Interface</b>	N/A	
<b>Interface</b>	<b>Audio Interface</b>	1 input (RCA Port) / 1 output (RCA Port) / 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 / FTP / SFTP	
	<b>Interoperability</b>	ONVIF / P2P / CGI / Milestone / Genetec	
<b>Power Supply</b>		12VDC / PoE (802.3af)	
<b>Environmental</b>	<b>Power Consumption</b>	<8.5W	<8.2W
	<b>Operating Conditions</b>	-30°C ~ +60°C, ≤95% RH	
	<b>Ingress Protection</b>	IP67	
	<b>Vandal Resistance</b>	IK10	
	<b>Housing</b>	Metal	
	<b>Pan/Tilt/Rotation</b>	Pan: 0° ~ 355°, Tilt: 0° ~ 75°, Rotation: 0° ~ 355°	
	<b>Dimensions</b>	Ø122mm x 89mm	
<b>Net Weight</b>	0.49kg	0.49kg	

Application							
		Junction Box		Weather Shield	Wall Mount		Corner Mount
	VSBKTA137	VSBKTA123	VSBKTA137 + VSBKTA200W	VSBKTB203W	VSBKTA106 + VSBKTB305W	VSBKTA106 + VSBKTB305W + VSBKTA151	
	VSBKTA106 + VSBKTB305W + VSBKTA150	VSBKTA137 + VSBKTA152E	VSBKTB203W + VSBKTA152E	VSBKTA123 + VSBKTA152E	VSBKTB200C	VSBKTA106 + VSBKTB220C (+ VSBKTA117 optional extension)	

Your local VIP Vision™ IP solutions professional: