

Smart perimeter protection.

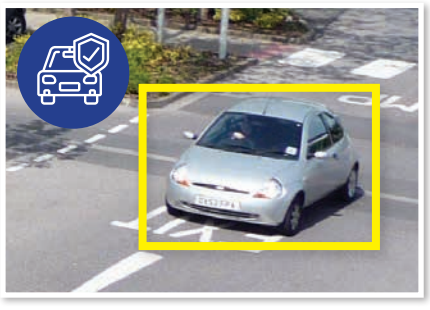
Professional AI Series: Motorised & fixed AI perimeter protection vandal domes in 4.0MP

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

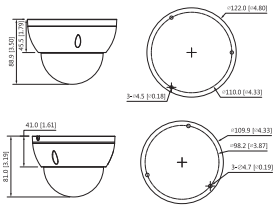


Smart Perimeter Protection



Weather & Vandal Resistant

Product specifications may be subject to change.

	Specifications		4.0MP Motorised AI Vandal Dome	4.0MP Fixed AI Vandal Dome
	Ordering Information		**VSIPP-4DIRMD-I:** Standard	**VSIPP-4DIRD-I:** Standard
Camera	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)	
	S/N Ratio		> 50dB	
	Infrared System		2 x Infrared LED, 40m range, Auto/manual on/off control	3 x Infrared LED, 50m range, Auto/manual on/off control
Lens	Lens / Iris		2.7 ~ 13.5mm F1.5 Motorised Varifocal Lens with Fixed Iris	2.8mm Fixed Lens with Fixed Iris
	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
DORI	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
Video	Resolution		4.0MP (2688 x 1520) to CIF (352 x 288)	
	Frame Rate	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)
	Video Compression		H.265 / H.264 / H.264B / MJPEG	
	Bit Rate		H.265: 12 ~ 6144Kbps / H.264: 32 ~ 6144Kbps	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°)	Mirror / Flip (0°, 90°, 180°, 270°) (Support 90°/270° at 2.0MP resolution)
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; 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	
Interface	Video Interface		N/A	
	Audio Interface		1 input (RCA Port)/ 1 output (RAC Port) / Audio Compression - G.711a; G.711Mu; G726; AAC	
	Alarm Interface		1 channel in: 5mA 5VDC / 1 channel out: 300mA 12VDC	
	RS485		N/A	
	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		<6.5W	<7.3W
	Operating Conditions		-30°C ~ +60°C, ≤95% RH	
	Ingress Protection		IP67	
	Vandal Resistance		IK10	
	Housing		Metal	
	Pan/Tilt/Rotation		Pan: 0° ~ 355°, Tilt: 0° ~ 75°, Rotation: 0° ~ 355°	Pan: 0° ~ 355°, Tilt: 0° ~ 65°, Rotation: 0° ~ 355°
	Dimensions		Ø122mm x 89mm	Ø110mm x 81mm
	Net Weight		0.47kg	0.38kg
Installation	Dimensions & Mounting Options		 Motorised / Fixed	 Junction Mount: VSBKTA137
				 Pole Mount: VSBKTB203W + VSBKTA152E
				 Wall Mount: VSBKTB203W
				 In Ceiling Mount *(Motorised only)*: VSBKTB201C

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