

Identify people & vehicles.

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

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 4.0MP (2688 x 1520) at 25fps
- H.265 encoding for efficient storage & streaming
- Up to 30m 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 4.0MP in Real Time (25fps)



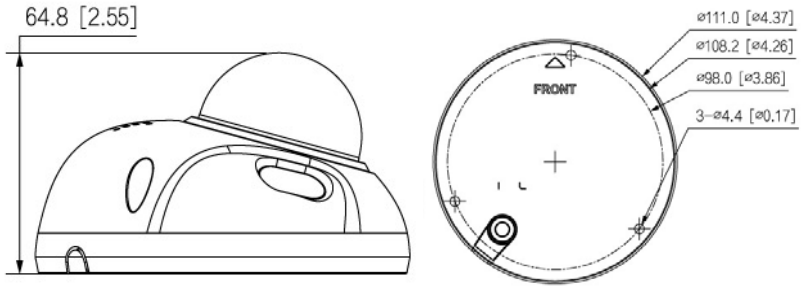
Smart Person & Vehicle Detection



AI Scene Adaptation

	Specifications		4.0MP Fixed AI Wedge Dome
	Ordering Information		**VSIPP-4DIRF-I2**
Camera	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/F1.4 (Color)
	S/N Ratio		>56 dB
	Infrared System		2 x Infrared LEDs, 30m range, Auto/manual on/off control
Lens	Lens / Iris		2.8mm F1.4 Fixed Focal Lens with Fixed Iris
	Field of View		Horizontal: 102°, Vertical: 54°, Diagonal: 121°
	Focus		Auto Focus / 0.9m Min. Focus Distance
DORI	Detect		64m
	Observe		25m
	Recognise		13m
	Identify		6 m
Video	Resolution		4.0MP (2688 x 1520) to CIF (352 x 288)
	Frame Rate	Main	4.0MP (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		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 (RAC Port) / Built-in Mic / Audio Compression - G.711a; G.711Mu; G726; PCM
	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 (Profile S/Profile G) / CGI / P2P / Milestone / Genetec
Environmental	Power Supply		12VDC / PoE (802.3af)
	Power Consumption		<7.2W
	Operating Conditions		-40°C ~ +60°C / ≤95% RH
	Ingress Protection		IP67
	Vandal Resistance		IK10
	Housing		Metal
	Pan/Tilt/Rotation		Pan: -0° ~ 355°, Tilt: 20° ~ 70°, Rotation: 0° ~ 355°
	Dimensions		Ø111.0mm x 64.8mm
	Net Weight		0.423kg

Application



Junction Box	Wall Mount	
VSBKTA136	VSBKTB205W-E	
Pole Mount		Ceiling Mount
VSBKTB205W-E + VSBKTA152E	VSBKTA136 + VSBKTA152E	VSBKTA109 + VSBKTB220C +

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