

# Identify people & vehicles.

## Professional AI Series: Motorised AI turret dome 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 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 housing for outdoor use



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



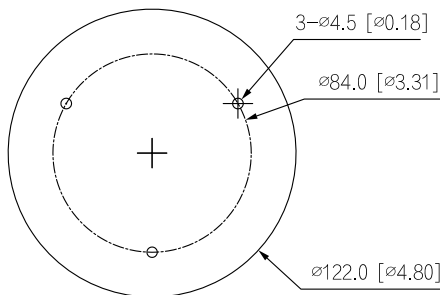
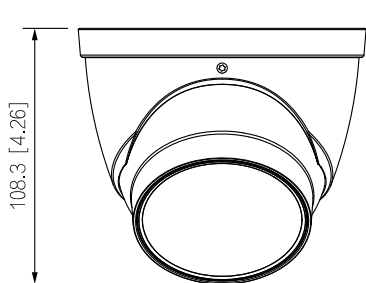
Smart Person & Vehicle Detection



AI Scene Adaptation

Specifications	4.0MP Motorised AI Turret Dome	6.0MP Motorised AI Turret Dome	8.0MP Motorised AI Turret Dome
<b>Ordering Information</b>	<b>VSIPP-4DIRMG-I2</b>	<b>VSIPP-6DIRMG-I2</b>	<b>VSIPP-8DIRMG-I2</b>
<b>Image Sensor</b>	1/3" 4.0MP Progressive Scan CMOS	1/2.7" 6.0MP Progressive Scan CMOS	1/2.8" 8.0MP Progressive Scan CMOS
<b>Effective Pixels</b>	2688 (H) x 1520 (V)	3072 (H) x 2048 (V)	3840 (H) x 2160 (V)
<b>RAM / ROM</b>	512MB / 128MB	1GB / 128MB	1GB / 128MB
<b>Min Illumination</b>	0.005 Lux/F1.5 (Color)	0.005 lux/F1.5 (Color)	0.007 Lux/F1.5 (Color)
<b>S/N Ratio</b>	> 56dB		
<b>Infrared System</b>	2 x Infrared LED, 40m range, Auto/manual on/off control		
<b>Lens / Iris</b>	2.7 ~ 13.5mm F1.5 Motorised Varifocal Lens with Fixed Iris		
<b>Field of View</b>	Horizontal: 104°~29°, Vertical: 54°~16°	Horizontal: 99°~28°, Vertical: 71°~21°	Horizontal: 109°~30°, Vertical: 56°~17°
<b>Focus</b>	Auto Focus / 0.8m Min. Focus Distance		
<b>DORI</b>			
<b>Detect (25px/m)</b>	64m (wide) / 210m (tele)	64m (wide) / 210m (tele)	88m (wide) / 290m (tele)
<b>Observe (63px/m)</b>	26m (wide) / 84m (tele)	26m (wide) / 84m (tele)	35m (wide) / 116m (tele)
<b>Recognise (125px/m)</b>	13m (wide) / 42m (tele)	13m (wide) / 42m (tele)	18m (wide) / 58m (tele)
<b>Identify (250px/m)</b>	6m (wide) / 21m (tele)	6m (wide) / 21m (tele)	9m (wide) / 29m (tele)
<b>Resolution</b>	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)
<b>Frame Rate</b>	<b>Main</b>	4.0MP (1 ~ 25fps)	8.0MP (1 ~ 25fps)
	<b>Sub</b>	D1 (1 ~ 25fps)	
	<b>Third</b>	1080p (1 ~ 25fps)	
<b>Video Compression</b>	H.265; 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) / SSA		
<b>White Balance</b>	Auto / Natural / Street Lamp / Outdoor / Manual / Regional Custom		
<b>Gain Control</b>	Auto		
<b>Noise Reduction</b>	3D DNR		
<b>Picture Control</b>	Mirror / Flip (0°, 90°, 180°, 270°) (support 90°/270° with 4.0MP resolution and lower)		
<b>Video Functions</b>	Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Infrared		
<b>AI Functions</b>	<b>Smart Motion Detection (SMD 4.0):</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 4.0, Perimeter Protection)		
<b>Network</b>			
<b>Ethernet</b>	RJ-45 (10/100Base-T)		
<b>Protocol</b>	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		
<b>Streaming Method</b>	Multicast		
<b>Max. User Access</b>	20 Users		
<b>Interface</b>			
<b>Video Interface</b>	N/A		
<b>Audio Interface</b>	Built-in Mic / Audio Compression - G.711a; G.711Mu; PCM; G.726; G.723		
<b>Alarm Interface</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>Power Consumption</b>	<7.1 W	<8.9w	<8.9w
<b>Operating Conditions</b>	-30°C ~ +60°C / ≤95% RH		
<b>Ingress Protection</b>	IP67		
<b>Housing</b>	Metal		
<b>Pan/Tilt/Rotation</b>	Pan: 0° ~ 360°, Tilt: 0° ~ 78°, Rotation: 0° ~ 360°		
<b>Dimensions</b>	Ø122mm x 108.3mm		
<b>Net Weight</b>	0.715kg		

### Application



	Junction Box	Wall Mount	Ceiling Mount
VSBKTA137		VSBKTB205WE	VSBKTA109 + VSBKTB220C
	Pole Mount		
VSBKTA137 + VSBKTA152E		VSBKTB205W-E + VSBKTA152E	

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