



Identify people & vehicles.

Professional AI Series: Fixed AI turret dome cameras in 4.0MP, 6.0MP & 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 (3840 x 2160) at 20fps
- 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
- 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 housing for outdoor use



Up to 4K Ultra HD Resolution







Smart Person & Vehicle Detection

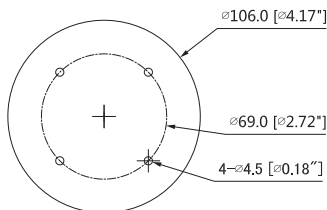
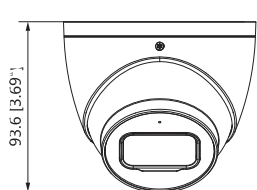


Superb Low Light Performance

Professional AI Series Fixed Turret Domes | Series Specifications

Specifications		4.0MP Fixed AI Turret Dome	6.0MP Fixed AI Turret Dome		8.0MP Fixed AI Turret Dome	
Model	Product Image					
	Ordering Information	VSIPP-4DIRG2-I	VSIPP-6DIRG-I: White	VSIPP-6DIRG-IB: Black	VSIPP-8DIRG-I	
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) x 1728 (V)		3840 (H) x 2160 (V)	
	RAM / ROM		512MB / 128MB			
	Min Illumination	0.005 Lux/F1.6 (Colour)	0.005 Lux/F1.6 (Colour)		0.007 Lux/F1.4 (Color)	
	S/N Ratio		>56dB			
Infrared System	2 x Infrared LED, 50m range, Auto/manual on/off control		2 x Infrared LED, 50m range, Auto/manual on/off control		2 x Infrared LED, 30m range, Auto/manual on/off control	
Lens	Lens / Iris	2.8mm F1.6 Fixed Lens	2.8mm F1.6 Fixed Lens		2.8mm F1.4 Fixed Lens	
	Field of View	Horizontal: 103°, Vertical: 55°	Horizontal: 99°, Vertical: 53°		Horizontal: 108°, Vertical: 58°	
	Focus	Auto Focus / 0.9m Min. Focus Distance	Auto Focus / 0.9m Min. Focus Distance		Fixed / 1.4m Min. Focus Distance	
DORI	Detect (25px/m)	56m	56m		85m	
	Observe (63px/m)	22m	22m		34m	
	Recognise (125px/m)	11m	11m		17m	
	Identify (250px/m)	6m	6m		9m	
Video	Resolution	4.0MP (2688 x 1520) to CIF (352 x 288)	6.0MP (3072 x 1728) 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) / 4.0MP (1 ~ 25fps)		8.0MP (1 ~ 20fps)
		Sub		D1 (1 ~ 25fps)		
		Third	720p (1 ~ 25fps)	1080p (1 ~ 25fps)		1080p (1 ~ 25fps)
	Video Compression		H.265+ / H.265 / H.264+ / H.264 / H.264B / MJPEG			
	Bit Rate	H.265: 3 ~ 8192Kbps / H.264: 3 ~ 8192Kbps	H.265: 19 ~ 8192Kbps / H.264: 32 ~ 8192Kbps		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°) (Support 90°/270° with 2.0MP resolution)				
Video Functions		Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Infrared				
IVS	AI Functions	Smart Motion Detection (SMD+): 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+, Perimeter Protection)				
	Ethernet	RJ-45 (10/100Base-T)				
Network	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; SAMBA; PPPoE; 802.1x; SNMP				
	Streaming Method	Unicast / Multicast				
	Max. User Access	20 Users				
	Video Interface	N/A				
Interface	Audio Interface	Built-in Mic / Audio Compression - G.711a; G.711Mu; G726; AAC; G.723				
	Alarm Interface	N/A				
	RS485	N/A				
	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	<7.7W	<7.2W		<7.9W	
	Operating Conditions		-40°C ~ +60°C / ≤95% RH			
	Ingress Protection		IP67			
	Vandal Resistance		N/A			
	Housing		Metal			
	Pan/Tilt/Rotation		Pan: 0° ~ 360°, Tilt: 0° ~ 78°, Rotation: 0° ~ 360°			
	Dimensions		Ø106mm x 94mm			
Net Weight	0.55kg	0.55kg		0.53kg		

Application



	Junction Box	Weather Shield	Wall Mount		Corner Mount
VSBKTA130E		VSBKTA130E + VSBKTA200W	VSBKTB204W	VSBKTA106 + VSBKTB305W	VSBKTA106 + VSBKTB305W + VSBKTA151
Corner Mount			Pole Mount		Ceiling Mount
VSBKTB204W + VSBKTA151		VSBKTA106 + VSBKTB305W + VSBKTA150	VSBKTA130E + VSBKTA152E	VSBKTB204W + VSBKTA152E	VSBKTA106 + VSBKTB220C (+ VSBKTA117 optional extension)