



Surveillance & deterrence.

Professional AI Series: Fixed AI deterrence turrets in 2.0MP, 4.0MP & 8.0MP

Featuring smart motion detection, the Professional AI Series can distinguish between people, vehicles & other motion to filter out false alarms, providing real-time alerts and analytics. These models feature active deterrence, with loud siren & strobe lights that activate in response to alarm or recorder events, such as motion detection.

- Stream up to 8.0MP (3840 x 2160) at 20fps
- Flashing red & blue light and siren for recorder events
- 24/7 Colour low light footage as low as 0.0015lx
- 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



24/7 Colour Night Performance



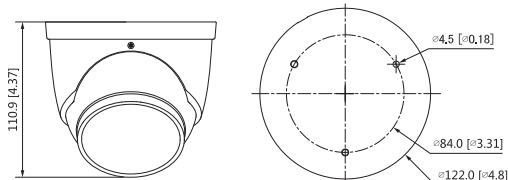
Built-in Strobe & Siren Alarm



Smart Person & Vehicle Detection

Specifications		2.0MP Fixed AI Deterrence Turret	4.0MP Fixed AI Deterrence Turret	8.0MP Fixed AI Deterrence Turret	
Ordering Information		VSIPP-2DG-ID	VSIPP-4DG-ID	VSIPP-8DG-ID	
Camera	Image Sensor	1/2.8" 2.0MP Progressive Scan CMOS	1/2.7" 4.0MP Progressive Scan CMOS	1/2.8" 8.0MP Progressive Scan CMOS	
	Effective Pixels	1920 (H) x 1080 (V)	2688 (H) x 1520 (V)	3840 (H) x 2160 (V)	
	RAM / ROM		512MB / 128MB		
	Min Illumination	0.0015 Lux/F1.0 (Color)	0.003 Lux/F1.0 (Color)	0.007 Lux/F1.0 (Color)	
	S/N Ratio		> 56dB		
	LED Illumination		1 x Strobe LED (Warm White)		
Lens	Lens / Iris	2.8mm F1.0 Fixed Lens	2.8mm F1.0 Fixed Lens	2.8mm F1.4 Fixed Lens	
	Field of View	Horizontal: 107°, Vertical: 55°	Horizontal: 103°, Vertical: 53°	Horizontal: 107°, Vertical: 56°	
	Focus	Auto Focus / 0.8m Min. Focus Distance	Auto Focus / 1.2m Min. Focus Distance	Auto Focus / 1.2m Min. Focus Distance	
DORI	Detect (25px/m)	47m	67m	88m	
	Observe (63px/m)	19m	27m	35m	
	Recognise (125px/m)	9m	14m	18m	
	Identify (250px/m)	5m	7m	9m	
Video	Resolution	1080p (1920 x 1080) to CIF (352 x 288)	4.0MP (2688 x 1520) to CIF (352 x 288)	8.0MP (3840 x 2160) to CIF (352 x 288)	
	Frame Rate	Main	1080p (1 ~ 25fps)	4.0MP (1 ~ 25fps)	8.0MP (1 ~ 20fps)
		Sub		704 x 576 (1 ~ 25fps)	
		Third		1080p (1 ~ 25fps)	
	Video Compression		H.265+ / H.265 / H.264+ / H.264 / H.264B / MJPEG		
	Bit Rate		H.265: 12 ~ 8192Kbps / H.264: 32 ~ 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)		
	Smart Scene Adaptive		SSA		
	White Balance		Auto / Natural / Street Lamp / Outdoor / Manual		
	Gain Control		Auto / Manual		
Noise Reduction		3D DNR			
Picture Control		Mirror / Flip (0°, 90°, 180°, 270°)			
IVS	Video Functions	Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Illumination, Defog, Object Abandoned / Missing, Heat Map Event Triggers: Motion Detection, Perimeter Protection, Video Tampering, Scene Changing, Network Disconnection, IP Address Conflict, Illegal Access, Storage Anomaly			
	AI Functions	Perimeter Protection: People and vehicle detection using tripwire or intrusion rules Loitering detection: People gathering and parking detection			
	Intelligent search	Search people or vehicle detection events (Perimeter Protection)			
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; SNMP			
	Streaming Method	Unicast / Multicast			
	Max. User Access	20 Users			
Interface	Video Interface	N/A			
	Audio Interface	Built-in Mic / Built-in Speaker / Audio Compression - G.711a; G.711Mu; G726; AAC, G723			
	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 (Profile S, Profile G, Profile T) / P2P / CGI / Milestone / Genetec			
Environmental	Power Supply	12VDC / PoE (802.3af)			
	Power Consumption	<7.3W	<8.0W	<8.2W	
	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	Ø122mm x 111mm			
	Net Weight	0.75kg			

Application



Junction Box		Wall Mount
VSBKTA137		VSBKTB205W
Corner Mount	Pole Mount	Ceiling Mount
VSBKTB205W + VSBKTA151	VSBKTB205W + VSBKTA152E	VSBKTA106 + VSBKTB220C

Your local VIP Vision™ IP solutions professional: