

Camera & spotlight in one.

Professional AI Series: fixed lens AI turret dome pro in 5.0MP

This Professional AI Series CCTV Turret Pro offers superb low light performance with a large 1/2" sensor and AI image signal processor that produces colour images even in the most challenging of scenes. If there is no available light, the camera will illuminate the scene with built-in warm white LED lights, in place of traditional infrared illumination.

- Stream up to 5.0MP (2960 x 1668) at 25fps
- Capture colour footage for longer with 1/2" sensor
- 24/7 Colour low light footage as low as 0.005lx
- H.265 encoding for efficient storage & streaming
- Warm LED light illumination (no IR)
- Back/highlight compensation & true WDR (120dB)
- MicroSD slot for recording at the edge up to 256GB
- Smart Motion Detection (SMD+) & Perimeter Protection to prevent false alarms, using VIP Vision NVRs
- IP67 weather rated housing for outdoor use



Record Beyond Double Full HD



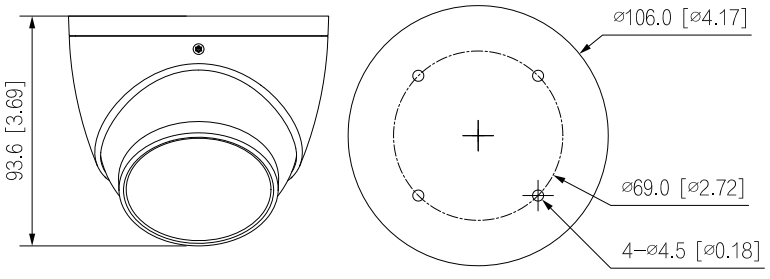
Smart Person & Vehicle Detection



Superb Low Light Performance

	Specifications		5.0MP Fixed AI Turret Dome
	Ordering Information		**VSIPP-5DIRG-I2-P**
Camera	Image Sensor		1/1.8" 5.0MP Progressive Scan CMOS
	Effective Pixels		2960 (H) x 1668 (V)
	RAM / ROM		256 MB / 128MB
	Min Illumination		0.0005 lux/F1.0
	S/N Ratio		>56dB
	Illuminator		2x warm LED light (30m range), Auto/manual on/off control
Lens	Lens / Iris		2.8mm F1.0 Fixed Lens
	Field of View		Horizontal: 112°, Vertical: 60°, Diagonal: 134°
	Focus		Fixed / 1.7m Min. Focus Distance
DORI	Detect (25px/m)		58 m
	Observe (63px/m)		23 m
	Recognise (125px/m)		12 m
	Identify (250px/m)		6 m
Video	Resolution		5.0MP (2960 x 1668) to CIF (352 x 288/352 × 240)
	Frame Rate	Main	4.0MP (1 ~ 25fps)
		Sub	D1 (1 ~ 25fps)
	Video Compression		H.265 / H.264
	Bit Rate		H.265: 12 ~ 6144Kbps / H.264: 32 ~ 6144Kbps
	Bit Rate Control		Constant bit rate (CBR) / Variable bit rate (VBR)
	Day/Night		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 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+):** 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)
Network	Ethernet		RJ-45 (10/100 Base-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 (Total bandwidth: 48MB)
Interface	Audio Interface		Built-in Mic / Audio Compression - G.711a; G.711Mu; G726; PCM
	Alarm Interface		N/A
	RS485		N/A
	Edge Storage		MicroSD Card (up to 256GB) / NAS / FTP / SFTP
	Interoperability		ONVIF / P2P / CGI
Environmental	Power Supply		12VDC / PoE (802.3af)
	Power Consumption		<5.3W / 6.4W (PoE)
	Operating Conditions		-40°C ~ +60°C / ≤95% RH
	Ingress Protection		IP67
	Housing		Metal
	Pan/Tilt/Rotation		Pan: 0° ~ 360°, Tilt: 0° ~ 78°, Rotation: 0° ~ 360°
	Dimensions		Ø106mm x 94mm
	Net Weight		0.59kg

Application



Junction Box	Wall Mount	
VSBKTA139	VSBKTB204W	VSBKTA106 + VSBKTB305W
Pole Mount		**Ceiling Mount**
VSBKTA139 + VSBKTA152E	VSBKTB204W + VSBKTA152E	VSBKTA106 + VSBKTB220C

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