![VIP Vision logo]

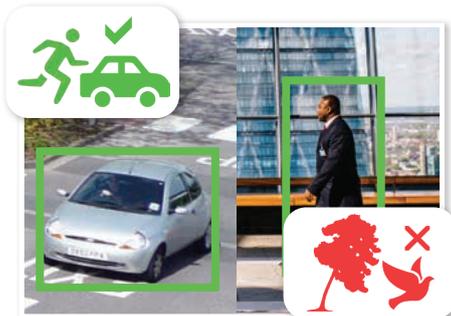**AI People & Vehicle Detection**

Intruder Deterrence

Surveillance & deterrence.

Professional AI Series: Fixed AI turret dome with built-in strobe & siren in 5.0MP

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. This model features intelligent people counting and active deterrence with a loud siren & strobe lights that activate in response to alarm or recorder events.

- Stream up to 5.0MP (2592 x 1944) at 20fps
- H.265+ encoding for efficient storage & streaming
- Strobe siren deterrence for alarm/recorder events
- MicroSD slot for recording at the edge up to 256GB
- Intelligent AI detection to identify people & vehicles

- Intelligent AI-enhanced people counting for retail capacity management and flow control
- Back/highlight compensation & true WDR (120dB)
- 3D digital noise reduction & auto white balance
- IP67 weather rated housing for outdoor use
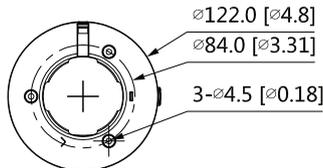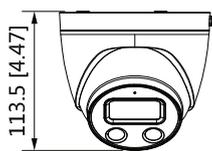
Smart Person & Vehicle Detection

Built-in Siren & Strobe Alarm

People Counting & Flow Control

Specifications		5.0MP Fixed AI Turret Dome with Strobe & Siren
Camera Ordering Information		**VSIPP-5DIRG-ID:** Standard
Image Sensor		1/2.7" 5.0MP Progressive Scan CMOS
Effective Pixels		2592 (H) x 1944 (V)
RAM / ROM		512MB / 128MB
Min Illumination		0.005 Lux/F1.0 (Color)
S/N Ratio		> 56dB
LED Illumination		1 x Infrared LED, 50m range, Auto/manual on/off control / 1 x Strobe LED
Lens Lens / Iris		2.8mm F1.6 Fixed Lens
Field of View		Horizontal: 102°, Vertical: 71°
Focus		Auto Focus / 0.9m Min. Focus Distance
DORI Detect (25px/m)		56m
Observe (63px/m)		22m
Recognise (125px/m)		11m
Identify (250px/m)		6m
Video Resolution		5.0MP (2592 x 1944) to CIF (352 x 288)
Frame Rate	Main	5.0MP (1 ~ 20fps) / 1080p (1 ~ 50fps)
	Sub	D1 (1 ~ 25fps)
	Third	1080p (1 ~ 17fps)
Video Compression		H.265+ / H.265 / H.264+ / H.264 / H.264B / MJPEG
Bit Rate		H.265: 19 ~ 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)
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, People Counting, Loitering Detection, 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 **People Counting:** Supports people counting (Displays enter no., leave no. & pass no.), area people counting (Counts no. people or stay time / 4 rules configuration), Queue Management (Counts no. people or stay time / 4 rules configuration) **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		<7.2W
Operating Conditions		-40°C ~ +60°C / ≤95% RH
Ingress Protection		IP67
Vandal Resistance		N/A
Housing		Metal (Eyeball), Plastic (Case)
Pan/Tilt/Rotation		Pan: 0° ~ 360°, Tilt: 0° ~ 78°, Rotation: 0° ~ 360°
Dimensions		Ø122mm x 114mm
Net Weight		0.49kg

Application		

113.5 [4.47]

∅122.0 [∅4.8]
∅84.0 [∅3.31]
3-∅4.5 [∅0.18]

Junction Box	Wall Mount
VSBKTA130E	VSBKTB203W

Corner Mount	Pole Mount	Ceiling Mount
VSBKTB203W + VSBKTA151	VSBKTB203W + VSBKTA152E	VSBKTA106 + VSBKTB220C

Your local VIP Vision™ IP solutions professional: