



 **AI Scene Adaptive**

 **AI People & Vehicle Detection Gen. 2**

8.0
MEGAPIXEL

6.0
MEGAPIXEL

4.0
MEGAPIXEL

Identify people & vehicles.

Professional AI Series: Fixed AI bullet cameras 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 50m 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)



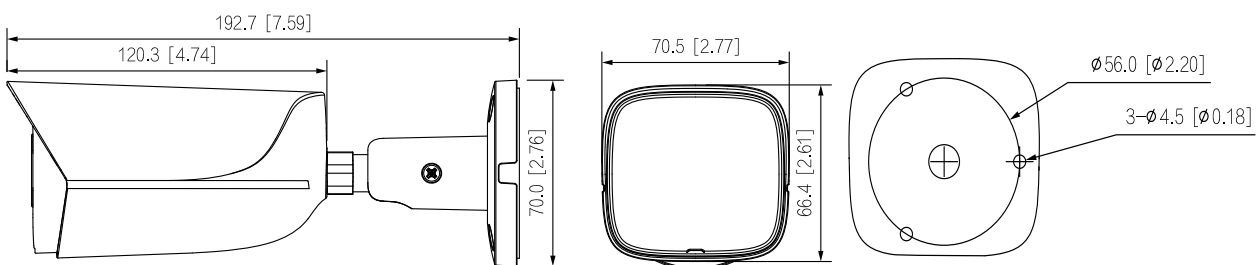
Smart Person & Vehicle Detection



AI Scene Adaptation

Specifications	4.0MP Fixed AI Bullet	6.0MP Fixed AI Bullet	8.0MP Fixed AI Bullet
Ordering Information	VSIPP-4BIRG-I2	VSIPP-6BIRG-I2	VSIPP-8BIRG-I2
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 2048 (V)	3840 (H) x 2160 (V)
RAM / ROM	512MB / 128MB	1GB / 128MB	1GB / 128MB
Min Illumination	0.005 Lux/F1.4 (Color)	0.005 Lux/F1.4 (Color)	0.007 Lux/F1.4 (Color)
S/N Ratio	> 56dB		
Infrared System	1 x Infrared LED, 50m range, Auto/manual on/off control	1 x Infrared LED, 30m range, Auto/manual on/off control	1 x Infrared LED, 30m range, Auto/manual on/off control
Lens / Iris	2.8mm F1.4 Fixed Lens		
Field of View	Horizontal: 107°, Vertical: 56°	Horizontal: 97°, Vertical: 71°	Horizontal: 107°, Vertical: 56°
Focus	Fixed / 0.7m Min. Focus	Fixed / 0.9m Min. Focus	Fixed / 1.5m Min. Focus
DORI			
Detect (25px/m)	64m	64m	88m
Observe (63px/m)	25m	25m	35m
Recognise (125px/m)	13m	13m	18m
Identify (250px/m)	6m	6m	9m
Resolution	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)
Frame Rate	Main	4.0MP (1 ~ 25fps)	8.0MP (1 ~ 25fps)
	Sub	D1 (1 ~ 25fps)	
	Third	1080p (1 ~ 25fps)	
Video Compression	H.265; H.264; H.264H; H.264B; MJPEG		
Bit Rate	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) / AI SSA		
White Balance	Auto / Natural / Street Lamp / Outdoor / Manual / Regional Custom		
Gain Control	Auto		
Noise Reduction	3D DNR		
Picture Control	Mirror / Flip (0°, 90°, 180°, 270°) (Support 90°/270° at 4.0MP resolution and lower)		
Video Functions	Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Infrared		
AI Functions	Smart Motion Detection (SMD 4.0): People and vehicle detection using motion detection		
Intelligent Search	IVS (Perimeter Protection): People and vehicle detection using tripwire or intrusion rules		
Ethernet	RJ-45 (10/100Base-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		
Video Interface	N/A		
Audio Interface	1 input (RCA Port) / 1 output (RCA Port) / Built-in Mic / Audio Compression - G.711a; G.711Mu; G726		
Alarm Interface	1 channel in: 5mA 3-5VDC / 1 channel out: 300mA 12VDC		
Edge Storage	MicroSD Card (up to 256GB) / NAS / FTP / SFTP		
Interoperability	ONVIF / P2P / CGI / Milestone / Genetec		
Power Supply	12VDC / PoE (802.3af)		
Power Consumption	<7.2 W	<6.5 W	<7.9W
Operating Conditions	-40°C ~ +60°C, ≤95% RH		
Ingress Protection	IP67		
Housing	Metal		
Pan/Tilt/Rotation	Pan: 0° ~ 360°, Tilt: 0° ~ 90°, Rotation: 0° ~ 360°		
Dimensions	192.7mm x 70.5mm x 66.4mm		
Net Weight	0.59kg		

Application



Junction Box

VSBKTA130E

Pole Mount

VSBKTA130E +
VSBKTA152E

Your local VIP Vision™ IP solutions professional: