



Identify people & vehicles.

Professional AI Series: Motorised AI bullet cameras in 4.0MP & 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 (2688 x 1520) at 20fps
- H.265 encoding for efficient storage & streaming
- Up to 60m 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



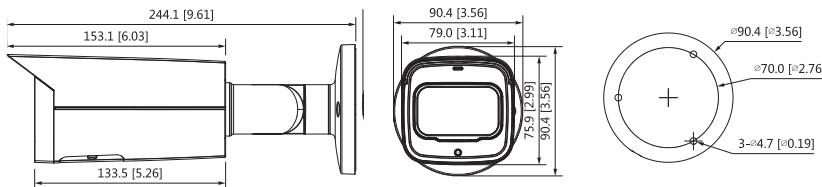
Smart Person & Vehicle Detection



Superb Low Light Performance

Specifications		4.0MP Motorised AI Bullet	8.0MP Motorised AI Bullet
Ordering Information		VSIPP-4BIRMG-I	VSIPP-8BIRMG-I
Camera	Image Sensor	1/3" 4.0MP Progressive Scan CMOS	1/2.8" 8.0MP Progressive Scan CMOS
	Effective Pixels	2688 (H) x 1520 (V)	3840 (H) x 2160 (V)
	RAM / ROM	128MB / 128MB	128MB / 512MB
	Min Illumination	0.008 Lux/F1.5 (Color)	0.007 Lux/F1.5 (Color)
	S/N Ratio	> 56dB	
Infrared System		4 x Infrared LED, 60m range, Auto/manual on/off control	
Lens	Lens / Iris	2.7 ~ 13.5mm F1.5 Motorised Varifocal Lens with Fixed Iris	
	Field of View	Horizontal: 104°~27°, Vertical: 55°~15° (5x Optical Zoom)	Horizontal: 113°~31°, Vertical: 58°~17° (5x Optical Zoom)
	Focus	Auto Focus / 0.8m Min. Focus Distance	
DORI	Detect (25px/m)	64m (wide) / 220m (tele)	85m (wide) / 280m (tele)
	Observe (63px/m)	26m (wide) / 88m (tele)	34m (wide) / 112m (tele)
	Recognise (125px/m)	13m (wide) / 44m (tele)	17m (wide) / 56m (tele)
	Identify (250px/m)	6m (wide) / 22m (tele)	8m (wide) / 28m (tele)
Resolution		4.0MP (2688 x 1520) to CIF (352 x 288)	8.0MP (3840 x 2160) to CIF (352 x 288)
Frame Rate	Main	4.0MP (1 ~ 20fps) / 3.0MP (1 ~ 25fps)	8.0MP (1 ~ 20fps) / 2.0MP (1 ~ 25fps)
	Sub	D1 (1 ~ 25fps)	
	Third	N/A	
Video Compression		H.265+ / H.265 / H.264+ / H.264 / H.264H / H.264B / MJPEG	
Bit Rate		H.265: 12 ~ 6144Kbps / H.264: 32 ~ 6144Kbps	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)	
Smart Scene Adaptive		SSA	
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°)	
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	1 input (RCA Port) / 1 output (RAC Port) / Audio Compression - G.711a; G.711Mu; G726; AAC	
	Alarm Interface	1 channel in: 5mA 5VDC / 1 channel out: 300mA 12VDC	
	RS485	N/A	
	Edge Storage	MicroSD Card (up to 256GB) / NAS	
	Interoperability	ONVIF / P2P / CGI / Milestone / Genetec	
	Power Supply	12VDC / PoE (802.3af)	
Environmental	Power Consumption	<9.6W	<10.3W
	Operating Conditions	-30°C ~ +60°C / ≤95% RH	
	Ingress Protection	IP67	
	Vandal Resistance	N/A	
	Housing	Metal	
	Pan/Tilt/Rotation	Pan: 0° ~ 360°, Tilt: 0° ~ 90°, Rotation: 0° ~ 360°	
	Dimensions	Ø90mm x 244mm	244mm x 79mm x 76mm
Net Weight	0.90kg	0.82kg	

Application



Junction Box		Pole Mount
VSBKTA130E	VSBKTA122	VSBKTA130E + VSBKTA152E
Pole Mount		Corner Mount
VSBKTA122 + VSBKTA15E	VSBKTA130E + VSBKTA151	VSBKTA122 + VSBKTA151

Your local VIP Vision™ IP solutions professional: