



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



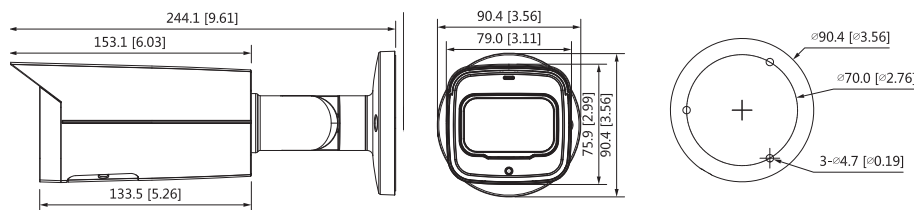
Smart Person & Vehicle Detection



Superb Low Light Performance

Specifications		4.0MP Motorised AI Bullet	8.0MP Motorised AI Bullet	
Ordering Information		CAM475	CAM414	
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)	
Video	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	1080p (1 ~ 25fps)	
	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		
	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 / Regional Custom		
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 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 (10/100Base-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; SAMBA; PPPoE; 802.1x; SNMP		
	Streaming Method	Unicast / Multicast		
	Max. User Access	20 Users		
Interface	Video Interface	N/A		
	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		
Environmental	Interoperability	ONVIF / P2P / CGI / Milestone / Genetec		
	Power Supply	12VDC / PoE (802.3af)		
	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	MB1020	VSBKTA130E + MB1027
Pole Mount	Corner Mount	
MB1020 + VSBKTA15E	VSBKTA130E + MB1026	MB1020 + MB1026

Your local VIP Vision™ IP solutions professional: