



# Power and performance.

Professional Series: Motorised lens bullets available in 4.0MP & 8.0MP

Each bullet in this series can remotely configure wide or narrow field of view, allowing you to enjoy hassle free surveillance installation and adjustment should your surveillance requirements or environment change.

- Stream up to Ultra HD (3840 x 2160) at 25fps
- H.265 encoding for efficient storage & streaming
- Long 60m infrared range; true day/night (auto ICR)
- MicroSD slot for recording at the edge up to 128GB
- Back/highlight compensation & true WDR (120dB)
- 3D digital noise reduction & auto white balance
- IP67 weather rated housing for outdoor use
- ONVIF, PSIA and CGI compliance



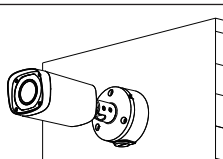
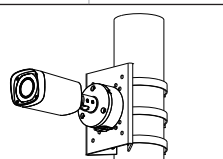
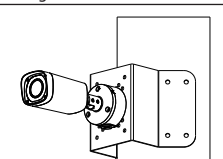



Record at 4K/Ultra HD Resolution



Long Range 60m Infrared



Edge Recording via MicroSD

Specifications		4.0MP Motorised Bullet	8.0MP Motorised Bullet	
Camera	Ordering Information	VSIP4MPFBIRMD: Standard	VSIP8MPFBIRMD: Standard	
	Image Sensor	1/3" 4.0MP Progressive Scan Exmor CMOS	1/2" 8.0MP Progressive Scan CMOS	
	Effective Pixels	2688 (H) x 1520 (V)	3840 (H) x 2160 (V)	
	RAM / ROM	512MB / 32MB	512MB / 128MB	
	Min Illumination	0.03 Lux/F1.4 (Color), 0 Lux/F1.4 (IR on)	0.004 Lux/F1.9 (Color), 0 Lux/F1.9 (IR on)	
Lens	S/N Ratio	> 45dB	> 50dB	
	Infrared System	4 x Infrared LED, 60m range, Auto/manual on/off control		
	Lens / Iris	2.7 ~ 13.5mm F1.4 Motorised Varifocal Lens with Fixed Iris	3.7 ~ 11mm F1.9 Motorised Varifocal Lens with Fixed Iris	
DORI	Field of View	Horizontal: 104°~28°, Vertical: 55°~16° (5x Optical Zoom)	Horizontal: 112°~46°, Vertical: 60°~26° (5x Optical Zoom)	
	Focus	Auto Focus / 0.2m Min. Focus Distance		
Video	Detect (25px/m)	64m (wide) / 222m (tele)	83m (wide) / 190m (tele)	
	Observe (63px/m)	26m (wide) / 89m (tele)	33m (wide) / 76m (tele)	
	Recognise (125px/m)	13m (wide) / 44m (tele)	17m (wide) / 38m (tele)	
	Identify (250px/m)	6m (wide) / 22m (tele)	8m (wide) / 19m (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 ~ 25fps)	
	Sub	D1 (1 ~ 25fps)		
IVS	Third	N/A		
	Video Compression	H.265+ / H.265 / H.264+ / H.264		
	Bit Rate	H.265: 12 ~ 8448Kbps / H.264: 32 ~ 10240Kbps	H.265: 16 ~ 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°)		
Network	Intelligent Functions	Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Infrared	Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Infrared, Tripwire, Intrusion	
	Ethernet	RJ-45 (10/100Base-T)		
	Protocol	HTTP; HTTPS; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP; NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP	HTTP; HTTPS; TCP; ARP; RTSP; RTP; RTCP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP; NTP; Bonjour; IEEE 802.1x; Multicast; ICMP; IGMP; TLS; NFS; SSH	
	Streaming Method	Unicast / Multicast		
Interface	Max. User Access	10 Users / 20 Users		
	Video Interface	N/A		
	Audio Interface	N/A		
	Alarm Interface	N/A		
	RS485	N/A		
	Edge Storage	MicroSD Card (up to 128GB) / NAS / Local PC		
Environmental	Interoperability	ONVIF / PSIA / CGI		
	Power Supply	12VDC / PoE (802.3af) (Class 0)		
	Power Consumption	<13W	<14.3W	
	Operating Conditions	-30° ~ +60° C / Less than 95% RH		
	Ingress Protection	IP67		
	Vandal Resistance	N/A		
	Housing	Metal		
Application	Pan/Tilt/Rotation	Pan: 0° ~ 360°; Tilt: 0° ~ 90°; Rotation: 0° ~ 360°		
	Dimensions	Ø72mm x 80mm x 213mm	244 x 79 x 76mm	
	Net Weight	0.69kg	0.82kg	
Application	Mounting Options			
				
		Junction Box VSBKTA135	Pole Mount VSBKTA135 + VSBKTA152E	Corner Mount VSBKTA135 + VSBKTA151

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