



Stellar 4K image quality.

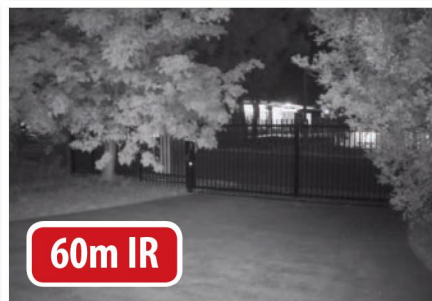
Professional Series: Motorised lens bullets available in 4.0MP & 8.0MP

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
- Tripwire and intrusion video analytics (8.0MP only)
- Easy field of view adjustment with motorised lens
- 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



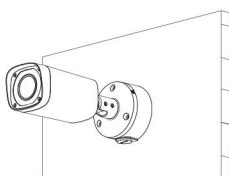
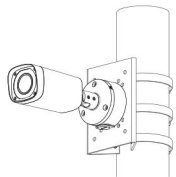
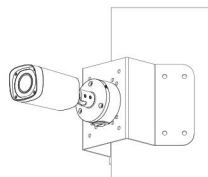
Record at 4K/Ultra HD Resolution



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)
	S/N Ratio	> 45dB	> 50dB
Lens	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
	Field of View	Horizontal: 104°~28°, Vertical: 55°~16° (5x Optical Zoom)	Horizontal: 112°~46°, Vertical: 60°~26° (3x Optical Zoom)
DORI	Focus	Auto Focus / 0.2m Min. Focus Distance	
	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)
Video	Resolution	4.0MP (2688 x 1520) to CIF (352 x 288)	8.0MP (3840 x 2160) to CIF (352 x 288)
	Frame Rate	4.0MP (1 ~ 20fps) / 3.0MP (1 ~ 25fps)	
		D1 (1 ~ 25fps)	
		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	
IVS	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	
	Max. User Access	10 Users / 20 Users	
Interface	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	
	Interoperability	ONVIF / PSIA / CGI	
Environmental	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	
	Pan/Tilt/Rotation	Pan: 0° ~ 360°; Tilt: 0° ~ 90°; Rotation: 0° ~ 360°	
	Dimensions	Ø72mm x 80mm x 213mm	244 x 79 x 76mm
Application	Net Weight	0.69kg	0.82kg
	Mounting Options		
			
		Junction Box VSBKTA135	Pole Mount VSBKTA135 + VSBKTA152E
			
		Corner Mount VSBKTA135 + VSBKTA151	

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