

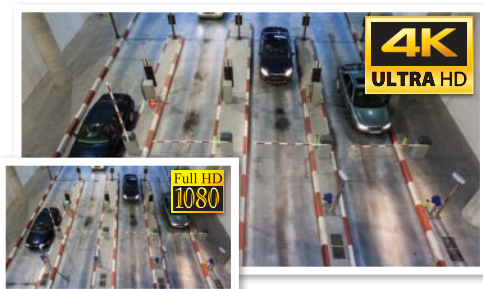


Stellar 4K image quality.

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



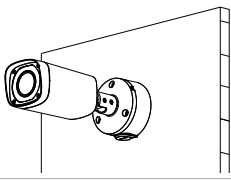
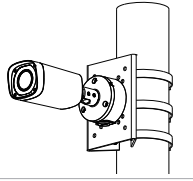
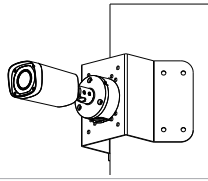



Record at 4K/Ultra HD Resolution



Long Range 60m Infrared



Edge Recording via MicroSD

Specifications		4.0MP Motorised Bullet	8.0MP Motorised Bullet	
Ordering Information		VVIP4MPFBIRMD: Standard	VVIP8MPFBIRMD: Standard	
Camera	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	
	Infrared System	4 x Infrared LED, 60m range, Auto/manual on/off control		
Lens	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)	
	Focus	Auto Focus / 0.2m Min. Focus Distance		
DORI	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	Main	4.0MP (1 ~ 20fps) / 3.0MP (1 ~ 25fps)	8.0MP (1 ~ 25fps)
		Sub	D1 (1 ~ 25fps)	
		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°)			
IVS	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	
Network	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°		
Application	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

Your local VIP Vision™ IP solutions professional: