

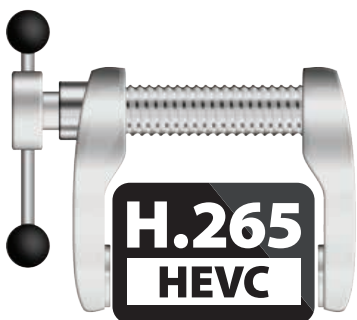


The peak of performance.

Ultimate Series: Motorised lens bullets available in 2.0MP & 12.0MP

Experience the best in surveillance with the Ultimate Series. Each bullet offers the best in resolution and image quality, with the tools to deliver excellent video evidence in even the most challenging lighting conditions.

- Stream beyond 4K at 12.0MP (4000 x 3000) at 20fps
- Excellent low light performance; colour at 0.002 lux
- Motorised lens & auto iris for up to 4x optical zoom
- Up to 50m smart infrared; true day/night (auto ICR)
- MicroSD slot for recording at the edge up to 128GB
- H.265 high efficiency video compression technology
- Face detection & electronic image stabilisation
- Backlight/highlight compensation and WDR
- Alarm and audio interface; tester video output
- Full metal IP67/IK10 weather & vandal resistant housing



Efficient Video Storage & Streaming



Record at and Beyond Ultra HD



Unrivaled Camera Functionality

Model		VSIP2MPFBIRLV2	VSIP12MPFBIRMV2	
Camera	Image Sensor	1/1.9" 2.0MP Progressive Scan CMOS	1/1.7" 12.0MP Progressive Scan CMOS	
	Effective Pixels	1920 (H) x 1080 (V)	4000 (H) x 3000 (V)	
	RAM / ROM	1024MB / 128MB	1024MB / 128MB	
	Min Illumination	0.002 Lux/F1.53 (Color), 0 Lux/F1.53 (IR on)	0.02 Lux/F1.53 (Color), 0 Lux/F1.53 (IR on)	
	S/N Ratio	> 50dB		
Infrared System		4 x Infrared LED, 50m range, Auto/manual on/off control		
Lens	Lens / Iris	4.1 ~ 16.4mm F1.53 Motorised Varifocal Lens with Auto Iris	4.1 ~ 16.4mm F1.53 Motorised Varifocal Lens with Auto Iris	
	Field of View	Horizontal: 80°~32°, Vertical: 47°~18° (4x Optical Zoom)	Horizontal: 85°~35°, Vertical: 63°~26° (4x Optical Zoom)	
	Focus	Auto Focus / 0.5m Min. Focus Distance	Auto Focus / 0.5m Min. Focus Distance	
	DORI Distance	Wide: D: 57m / O: 23m / R: 11m / I: 6m Tele: D: 137m / O: 55m / R: 27m / I: 14m	Wide: D: 115m / O: 46m / R: 23m / I: 11m Tele: D: 227m / O: 111m / R: 55m / I: 28m	
Video	Resolution	1080p (1920 x 1080) to CIF (352 x 288)	12.0MP (4000 x 3000) to CIF (352 x 288)	
	Frame Rate	Main	1080p (1 ~ 50fps)	12.0MP (1 ~ 20fps) / 8.0MP (1 ~ 25fps)
		Sub	D1 (1 ~ 50fps)	D1 (1 ~ 25fps)
		Third	1080p (1~50fps)	1080p (1 ~ 25fps)
	Video Compression	H.265+ / H.265 / H.264+ / H.264		
	Bit Rate	H.265: 14 ~ 6144Kbps / H.264: 24 ~ 8192Kbps	H.265: 14 ~ 9984Kbps / H.264: 24 ~ 16384Kbps	
	Bit Rate Control	Constant bit rate (CBR) / Variable bit rate (VBR)		
	Day/Night	Auto (ICR) / Color / B&W		
	Lighting Compensation	BLC / HLC / WDR (120dB) / SSA	BLC / HLC / Digital WDR / SSA	
	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	Tripwire, Intrusion, Object Abandoned/Missing, Face Detection, Electronic Image Stabilisation, Defog, People Counting, Heat Map Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Infrared		
Network	Ethernet	RJ-45 (10/1000 Base-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		
	Streaming Method	Unicast / Multicast		
	Max. User Access	10 Users / 20 Users		
Interface	Video Interface	Video Tester Composite Output		
	Audio Interface	1 Input, 1 Output / Compression: G.711a, G.711Mu, AAC, G.726		
	Alarm Interface	2 Input / 1 Output		
	RS485	N/A		
	Edge Storage	MicroSD Card Slot (up to 128GB) / NAS / Local PC		
	Interoperability	ONVIF / PSIA / CGI		
Environmental	Power Supply	12VDC / PoE+ (802.3at) (Class 4)	12VDC / PoE+ (802.3at) (Class 4)	
	Power Consumption	<13W		
	Operating Conditions	-40° ~ +60° C / Less than 95% RH		
	Ingress Protection	IP67		
	Vandal Resistance	IK10		
	Housing	Metal		
	Pan/Tilt/Rotation	Pan: 0° ~ 360° ; Tilt: 0° ~ 90° ; Rotation: 0° ~ 360°		
	Dimensions	Ø273mm x 95mm x 96mm		
Net Weight	1.12kg	1.12kg		
Application	Diagrams			
	Accessories			
Models	Junction Box (VSBKTA121)	Corner Mount (VSBKTA121 + VSBKTA151)	Corner Mount (VSBKTA121 + VSBKTA151)	

Your local VIP Vision™ IP solutions professional: