

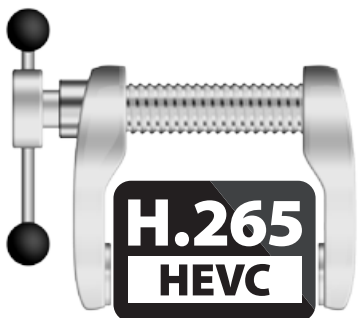


The peak of performance.

Ultimate Series: Motorised lens bullets available in 2.0MP, 8.0MP & 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 weather rated camera housing



Efficient Video Storage & Streaming



Record at and Beyond Ultra HD



Unrivaled Camera Functionality

Model	VSIP2MPFBIRLV2	VSIP8MPFBIRM	VSIP12MPFBIRMV2		
Camera	Image Sensor	1/1.9" 2.0MP Progressive Scan CMOS	1/2.5" 8.0MP Progressive Scan CMOS	1/1.7" 12.0MP Progressive Scan CMOS	
	Effective Pixels	1920 (H) x 1080 (V)	3840 (H) x 2160 (V)	4000 (H) x 3000 (V)	
	RAM / ROM	1024MB / 128MB	512MB / 32MB	1024MB / 128MB	
	Min Illumination	0.002 Lux/F1.53 (Color), 0 Lux/F1.53 (IR on)	0.05 Lux/F1.6 (Color), 0 Lux/F1.6 (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	2.7 ~ 12mm F1.6 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: 102°~39°, Vertical: 55°~22° (4x Optical Zoom)	Horizontal: 85°~35°, Vertical: 63°~26° (4x Optical Zoom)	
	Focus	Auto Focus / 0.5m Min. Focus Distance	Auto Focus / 0.3m Min. Focus Distance	Auto Focus / 0.5m Min. Focus Distance	
Video	Resolution	1080p (1920 x 1080) to CIF (352 x 288)	8.0MP (3840 x 2160) to CIF (352 x 288)	12.0MP (4000 x 3000) to CIF (352 x 288)	
	Frame Rate	Main	1080p (1 ~ 50fps)	8.0MP (1 ~ 15fps) / 3.0MP (1 ~ 25fps)	12.0MP (1 ~ 20fps) / 8.0MP (1 ~ 25fps)
		Sub	D1 (1 ~ 50fps)	D1 (1 ~ 25fps)	D1 (1 ~ 25fps)
		Third	1080p (1 ~ 50fps)	720p (1 ~ 25fps)	1080p (1 ~ 25fps)
	Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	
	Bit Rate	H.265: 14 ~ 6144Kbps / H.264: 24 ~ 8192Kbps	H.265: 14 ~ 9984Kbps / H.264: 24 ~ 10240Kbps	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	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, Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Infrared 2.0MP and 12.0MP only: Electronic Image Stabilisation, Defog			
Network	Ethernet	RJ-45 (10/1000 Base-T)	RJ-45 (10/100 Base-T)	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			
Environmental	Interoperability	ONVIF / PSIA / CGI			
	Power Supply	12VDC / PoE+ (802.3at) (Class 4)	12VDC / PoE (802.3af) (Class 0)	12VDC / PoE+ (802.3at) (Class 4)	
	Power Consumption	<13W	<11.5W	<13W	
	Operating Conditions	-40° ~ +60° C / Less than 95% RH	-30° ~ +60° C / Less than 95% RH	-40° ~ +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	Ø273mm x 95mm x 96mm			
	Net Weight	1.12kg	1.07kg	1.12kg	
Application	Diagrams				
	Accessories				
Models	Junction Box (VSBKTA121)	Pole Mount (VSBKTA121 + VSBKTA152)	Corner Mount (VSBKTA121 + VSBKTA151)		

Your local VIP Vision™ IP solutions professional: