

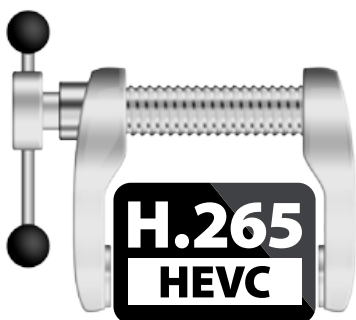


Small footprint, huge detail.

Professional Series: Fixed lens bullets available in 2.0MP, 4.0MP & 8.0MP

High performance fixed-lens surveillance in a compact body. Each bullet in this series offers professional features to take your surveillance to the next level, including true WDR, efficient H.265 compression and face detection.

- Stream up to 4K/8.0MP (3840 x 2160) at 15fps
- H.265 encoding for efficient storage & streaming
- 40m 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 metal housing for outdoor use
- ONVIF, PSIA and CGI compliance



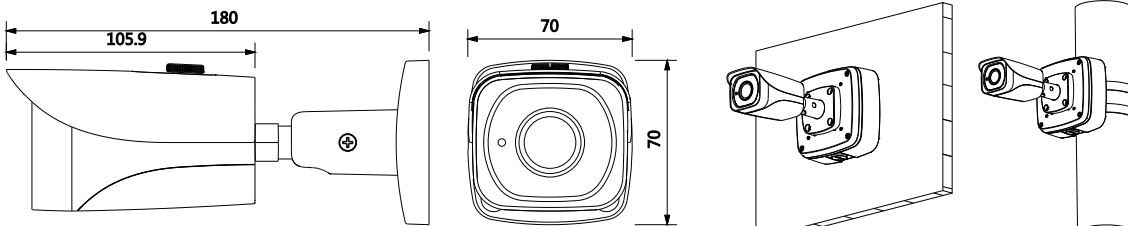
Efficient Video Storage & Streaming



Record at 4K/Ultra HD Resolution



Edge Recording via MicroSD

Model		VSIP2MPFBMINIIRV3	VSIP4MPFBMINIIRV2	VSIP8MPFBMINIIR
Camera	Image Sensor	1/2.8" 2.0MP Progressive Scan CMOS	1/3" 4.0MP Progressive Scan CMOS	1/2.5" 8.0MP Progressive Scan CMOS
	Effective Pixels	1920 (H) x 1080 (V)	2688 (H) x 1520 (V)	3840 (H) x 2160 (V)
	RAM / ROM	256MB / 32MB	512MB / 32MB	512MB / 32MB
	Min Illumination	0.009 Lux/F2.0 (Color), 0 Lux/F2.0 (IR on)	0.08 Lux/F2.0 (Color), 0 Lux/F2.0 (IR on)	0.05 Lux/F1.6 (Color), 0 Lux/F1.6 (IR on)
	S/N Ratio	> 50dB		
Lens	Infrared System	2 x Infrared LED, 40m range, Auto/manual on/off control		
	Lens / Iris	3.6mm F2.0 Fixed Lens	3.6mm F2.0 Fixed Lens	4.0mm F1.6 Fixed Lens
	Field of View	Horizontal: 87°, Vertical: 48°		
	Focus	Fixed		
Video	Resolution	1080p (1920 x 1080) to CIF (352 x 288)	4.0MP (2688 x 1520) to CIF (352 x 288)	8.0MP (3840 x 2160) to CIF (352 x 288)
	Frame Rate	Main	1080p (1 ~ 50fps)	4.0MP (1 ~ 25fps)
		Sub	D1 (1 ~ 50fps)	8.0MP (1 ~ 15fps) / 3.0MP (1~25fps)
		Third	D1 (1 ~ 25fps)	D1 (1 ~ 25fps)
	Video Compression	H.265 / H.264		
	Bit Rate	H.265: 14 ~ 5632Kbps / H.264: 24 ~ 9472Kbps	H.265: 14 ~ 6144Kbps / H.264: 24 ~ 10240Kbps	H.265: 14K ~ 9984Kbps / H.264: 24K ~ 10240Kbps
	Bit Rate Control	Constant bit rate (CBR) / Variable bit rate (VBR)		
	Day/Night	Auto (ICR) / Color / B&W		
	Lighting Compensation	BLC / HLC / WDR (120dB)	BLC / HLC / WDR (120dB)	BLC / HLC / Digital WDR
	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°)		
	Intelligent Functions	Tripwire, Intrusion, Object Abandoned/Missing, Face Detection, Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Infrared		
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		
	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		
Environmental	Interoperability	ONVIF / PSIA / CGI		
	Power Supply	12VDC / PoE (802.3af) (Class 0)		
	Power Consumption	<6W	<6W	<7W
	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	180mm x 70mm x 70mm		
	Net Weight	0.41kg		
Application	Diagrams			
	Accessories			
	Models	Junction Box (VSBKTA121)	Pole Mount (VSBKTA121 + VSBKTA152)	Corner Mount (VSBKTA121 + VSBKTA152)

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