



Long range IP surveillance.

Ultimate Series: 8.0MP motorised bullets available in standard or zoom lens

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.

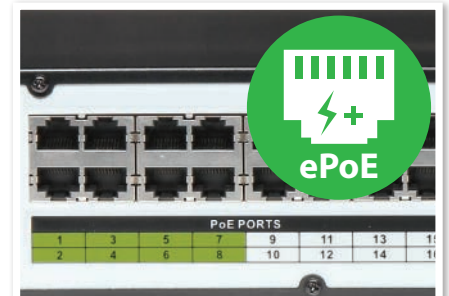
- Stream up to Ultra HD 8.0MP (3840 x 2160) at 15fps
- 7~35mm zoom lens model identifies faces from 76m
- H.265 encoding for efficient storage & streaming
- Up to 100m infrared range; true day/night (auto ICR)
- MicroSD slot for recording at the edge up to 128GB
- Back/highlight compensation & true WDR (120dB)
- 3D digital noise reduction & auto white balance
- Alarm and audio interface; tester video output
- Full metal IP67/IK10 weather/vandal rated housing
- Extended PoE up to 800m (*requires ePoE NVR/switch*)



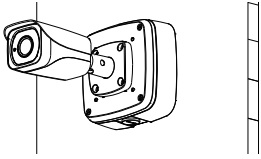
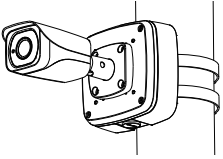
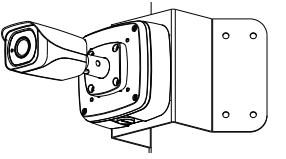



Record at 4K / Ultra HD Quality



Exceptional Camera Functionality



Extended PoE Compatibility

Specifications		8.0MP Motorised Bullet		8.0MP Motorised Bullet (Zoom Lens)				
Ordering Information		VSIPE8MPFBIRM: 2.7 ~ 12mm Lens VSIPE8MPFBIRMH: 2.7 ~ 12mm Lens + Built-in Heater		VSIPE8MPFBIRM-Z: 7 ~ 35mm Lens				
Camera	Image Sensor	1/2.5" 8.0MP Progressive Scan CMOS						
	Effective Pixels	3840 (H) x 2160 (V)						
	RAM / ROM	512MB / 32MB						
	Min Illumination	0.05 Lux/F1.4 (Color), 0 Lux/F1.4 (IR on)						
	S/N Ratio	> 50dB						
Infrared System		4 x Infrared LED, 50m range, Auto/manual on/off control		4 x Infrared LED, 100m range, Auto/manual on/off control				
Lens	Lens / Iris	2.7 ~ 12mm F1.4 Motorised Varifocal Lens with Auto Iris (DC)		7 ~ 35mm F1.4 Motorised Varifocal Lens with Auto Iris (HALL)				
	Field of View	Horizontal: 110°~40°, Vertical: 58°~23° (4x Optical Zoom)		Horizontal: 38°~14°, Vertical: 22°~8° (5x Optical Zoom)				
	Focus	Auto Focus / 0.6m Min. Focus Distance						
DORI	Detect (25px/m)	85m (wide) / 228m (tele)		234m (wide) / 765m (tele)				
	Observe (63px/m)	34m (wide) / 91m (tele)		94m (wide) / 306m (tele)				
	Recognise (125px/m)	17m (wide) / 46m (tele)		47m (wide) / 153m (tele)				
	Identify (250px/m)	8.5m (wide) / 23m (tele)		23m (wide) / 76m (tele)				
Video	Resolution	8.0MP (3840 x 2160) to CIF (352 x 288)						
	Frame Rate	Main	8.0MP (1 ~ 15fps) / 3.0MP (1 ~ 25fps)					
		Sub	D1 (1 ~ 25fps)					
		Third	720p (1 ~ 25fps)					
	Video Compression	H.265 / H.264						
	Bit Rate	H.265: 14 ~ 9984Kbps / H.264: 24 ~ 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)						
	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					
	Ethernet		RJ-45 (10/100Base-T)					
Network	Protocol		HTTP; HTTPS; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPOE; 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 (5mA 5VDC) / 1 Output (300mA 12VDC)					
	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					
	Operating Conditions		-30° ~ +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		95mm x 95mm x 273mm					
	Net Weight		1.11kg					
Application	Mounting Options							
								
			Junction Box VSBKTA121		Pole Mount VSBKTA121 + VSBKTA152E		Corner Mount VSBKTA121 + VSBKTA151	

Your local VIP Vision™ IP solutions professional: