



Surveillance at all distances.

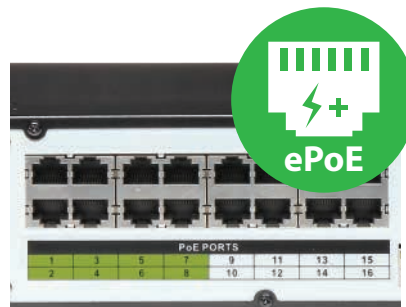
Ultimate Series: 8.0MP motorised bullets available with 12mm & 35mm lens

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.

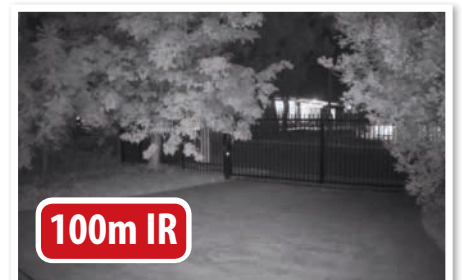
- Stream up to 8.0MP (3840 x 2160) at 15fps
- Narrow 35mm lens model identifies faces from 76m
- H.265 encoding for efficient storage & streaming
- Up to 100m infrared range; true day/night (auto ICR)
- MicroSD slot for recording at the edge up to 128GB
- Back/highlight compensation & true WDR (120dB)
- 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 range (*ePoE NVRs only*)



Record at 4K / Ultra HD Quality



Extended PoE Compatibility



Smart Long Range Infrared

Model		VSIPE8MPFBIRM	VSIPE8MPFBIRM-Z	
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		
Lens	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 / 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 Distance	Wide: Detect: 85m / Observe: 34m / Recognise: 17m / Identify: 8.5m Tele: Detect: 228m / Observe: 91m / Recognise: 46m / Identify: 23m	Wide: Detect: 234m / Observe: 94m / Recognise: 47m / Identify: 23m Tele: Detect: 765m / Observe: 306m / Recognise: 153m / Identify: 76m	
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°)			
Network	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)		
	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		
Interface	Max. User Access	10 Users / 20 Users		
	Video Interface	1 Port (for adjustment only)		
	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		
Environmental	Interoperability	ONVIF / PSIA / CGI		
	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	Diagrams			
	Bracket Compatibility			
	Product Variants by Model	VSIPE8MPFBIRM: Standard, as above VSIPE8MPFBIRMH: Built-in Heater	VSIPE8MPFBIRM-Z: Standard, as above	

Your local VIP Vision™ IP solutions professional: