



# Compact size, huge detail.

Professional Series: Fixed lens mini bullets available in 2.0MP, 6.0MP & 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.

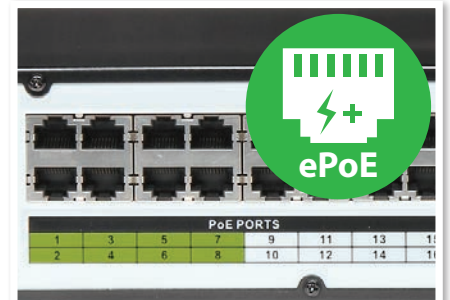
- Stream up to Ultra HD 8.0MP (3840 x 2160) at 15fps
- H.265 encoding for efficient storage & streaming
- 40m infrared range; true day/night (auto ICR)
- MicroSD slot for recording at the edge up to 128GB
- Virtual tripwire, area intrusion, face detection & more
- Wide field of view 2.8mm focal length Back/highlight compensation & true WDR (120dB)
- 3D digital noise reduction & auto white balance
- IP67 weather rated metal housing for outdoor use
- Extend PoE up to 800m (*requires ePoE NVR/switch*)



Record at 4K/Ultra HD Resolution



Edge Recording via MicroSD



Extended PoE Compatibility

Specifications		6.0MP Fixed Mini Bullet		8.0MP Fixed Mini Bullet			
Camera	Ordering Information	<b>VSIPE6MPFBMINIIR2.8:</b> 2.8mm lens, ePoE		<b>VSIPE8MPFBMINIIR2.8:</b> 2.8mm lens, ePoE			
	Image Sensor	1/2.9" 6.0MP Progressive Scan CMOS		1/2.5" 8.0MP Progressive Scan CMOS			
	Effective Pixels	3072 (H) x 2048 (V)		3840 (H) x 2160 (V)			
	RAM / ROM	512MB / 32MB		512MB / 32MB			
	Min Illumination	0.04 Lux/F1.6 (Color), 0 Lux/F1.6 (IR on)		0.06 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	2.8mm F1.6 Fixed Lens		2.8mm F1.6 Fixed Lens			
	Field of View	Horizontal: 98°, Vertical: 67°		Horizontal: 112°, Vertical: 69°			
DORI	Focus	Fixed					
	Detect (25px/m)	69m		69m			
	Observe (63px/m)	28m		28m			
	Recognise (125px/m)	14m		14m			
	Identify (250px/m)	7m		7m			
Video	Resolution	6.0MP (3072 x 2048) to CIF (352 x 288)		8.0MP (3840 x 2160) to CIF (352 x 288)			
	Frame Rate	Main	6.0MP (1 ~ 20fps) / 4.0MP (1 ~ 25fps)		8.0MP (1 ~ 15fps) / 3.0MP (1 ~ 25fps)		
		Sub	D1 (1 ~ 50fps)				
		Third	1080p (1~25fps)				
	Video Compression	H.265+ / H.265 / H.264+ / H.264		H.265+ / H.265 / H.264+ / H.264			
	Bit Rate	H.265: 14 ~ 9984Kbps / H.264: 24 ~ 10240 Kbps		H.265: 14 ~ 9984Kbps / H.264: 24 ~ 10240 Kbps			
	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°) (VSIPE6MPFBMINIIR2.8 & VSIPE8MPFBMINIIR2.8: Resolution must be at 4.0MP or lower for corridor modes)						
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	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	<6.5W					
	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	Mounting Options						
		Junction Box		Pole Mount		Corner Mount	
		VSBKTA121		VSBKTA121 + VSBKTA152E		VSBKTA121 + VSBKTA151	

Your local VIP Vision™ IP solutions professional: