



# 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 Full HD 1080p (1920 x 1080) at 50fps
- 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 (6.0/8.0MP)
- 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



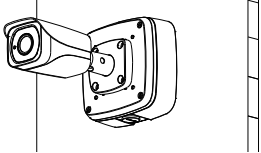

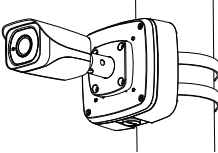

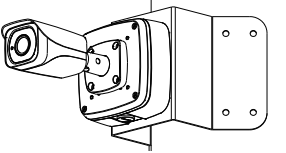

Record at 4K/Ultra HD Resolution



Edge Recording via MicroSD



Weather & Vandal Resistant

Specifications		2.0MP Fixed Mini Bullet	6.0MP Fixed Mini Bullet	8.0MP Fixed Mini Bullet	
Camera	Ordering Information	<b>VSIP2MPFBMINIIRV3:</b> 3.6mm lens	<b>CAM465:</b> 2.8mm lens, ePoE	<b>CAM464:</b> 2.8mm lens, ePoE	
	Image Sensor	1/2.8" 2.0MP Progressive Scan CMOS	1/2.9" 6.0MP Progressive Scan CMOS	1/2.5" 8.0MP Progressive Scan CMOS	
	Effective Pixels	1920 (H) x 1080 (V)	3072 (H) x 2048 (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)	0.04 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	3.6mm F2.0 Fixed Lens	2.8mm F1.6 Fixed Lens	2.8mm F1.6 Fixed Lens	
	Field of View	Horizontal: 87°, Vertical: 48°	Horizontal: 98°, Vertical: 67°	Horizontal: 112°, Vertical: 69°	
DORI	Focus	Fixed			
	Detect (25px/m)	55m	69m	69m	
	Observe (63px/m)	22m	28m	28m	
	Recognise (125px/m)	11m	14m	14m	
	Identify (250px/m)	6m	7m	7m	
Video	Resolution	1080p (1920 x 1080) to CIF (352 x 288)	6.0MP (3072 x 2048) to CIF (352 x 288)	8.0MP (3840 x 2160) to CIF (352 x 288)	
	Frame Rate	Main	1080p (1 ~ 50fps)	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.264	H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264	
	Bit Rate	H.265: 14 ~ 5632Kbps / H.264: 24 ~ 9472Kbps	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				
IVS	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	<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°			
Application	Dimensions	180mm x 70mm x 70mm			
	Net Weight	0.41kg			
	Mounting Options	  Junction Box MB1036	  Pole Mount MB1036 + MB1027	  Corner Mount MB1036 + MB1026	

Your local VIP Vision™ IP solutions professional: