



# Panoramic IP surveillance.

## Panorama Series: 180° view multi-sensor cameras in 6.0MP & 8.0MP

Designed to perform the duties of multiple cameras, the panorama series uses a unique configuration of multiple sensors and lenses to deliver 180° of surveillance coverage. Simplify entire surveillance systems with one camera.

- 4096 pixels horizontal panoramic images at 25fps
- Unique multi-sensor & lens delivers 180° field of view
- Panoramic image seamlessly stitched in-camera
- 30m range 180° view infrared & auto ICR day/night
- Face detection & video analytics, eg: heat map
- MicroSD card slot for edge recording up to 128GB
- H.265 high efficiency video compression support
- Audio and alarm interface input/outputs
- BLC / HLC and 3D digital noise reduction
- IP67 weather & IK10 vandal resistant housing



Wide Panoramic View & Infrared



Superb Low Light Performance



Vandal & Weather Resistant

Specifications		6.0MP Panorama Bullet		8.0MP Panorama Bullet		
Camera	Ordering Information	VSIP6MPPA: Standard		VSIP8MPPAV2: Standard		
	Image Sensor	3 x 1/2.8" 2.0MP Progressive Scan CMOS		4 x 1/2.8" 2.0MP Progressive Scan CMOS		
	Effective Pixels	4096 (H) x 832 (V)		4096 (H) x 1800 (V)		
	RAM / ROM	1024MB / 128MB				
	Min. Illumination	Colour: 0.007 Lux (F1.8, 1/3s) / 0 Lux/F1.8 (B/W)		Colour: 0.007 Lux (F2.0, 1/3s) / 0 Lux/F2.0 (B/W)		
Lens	S/N Ratio	> 50dB				
	Infrared System	8 x Infrared LED, 30m range, Auto/Manual on/off control				
	Lens / Iris	3.6mm F1.8 Fixed Lens		3.0mm F2.0 Fixed Lens		
	Field of View	Horizontal: 180°, Vertical: 44°		Horizontal: 180°, Vertical: 80°		
	Focus	Fixed				
DORI	Detect (25px/m)	52m		41m		
	Observe (63px/m)	21m		16m		
	Recognise (125px/m)	10m		8m		
	Identify (250px/m)	5m		4m		
Video	Resolution	4096 x 832 (approx. 3.4MP) to 1024 x 208 (approx. 0.2MP)		4096 x 1800 (approx. 7.3MP) to 1024 x 454 (approx. 0.5MP)		
	Frame Rate	Main	4096 x 832 (1~25fps)		4096 x 1800 (1~25fps)	
		Sub	1024 x 208 (1 ~ 25fps)		1024 x 452 (1 ~ 25fps)	
		Third	1280 x 260 (1 ~ 25fps)		1920 x 832 (1 ~ 25fps)	
	Video Compression	H.265 / H.264				
	Bit Rate	H.265: 4Kbps ~ 10Mbps / H.264: 8Kbps ~ 16Mbps		H.265: 9Kbps ~ 9472Kbps / H.264: 24Kbps ~ 15616Kbps		
	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				
IVS	Gain Control	Auto / Manual				
	Noise Reduction	3D DNR				
Network	Intelligent Functions	Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Infrared, Tripwire, Intrusion, Object Abandoned/Missing, Face Detection, People Counting, Heat Map, E-PTZ				
	Ethernet	RJ-45 (100/1000Base-T)				
	Protocol	HTTP; HTTPS; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; SNMP; QoS; UPnP; NTP		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 Inputs / 1 Output		2 Inputs / 2 Output		
	RS485	N/A				
	Edge Storage	MicroSD Card (up to 128GB) / NAS / Local PC				
	Interoperability	ONVIF / PSIA / CGI				
Environmental	Power Supply	24VAC / PoE+ (802.3at)				
	Power Consumption	<23W		<25.5W		
	Operating Conditions	-30° ~ +60° C / Less than 95% RH		-40° ~ +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	298mm x 173mm x 121mm				
Application	Net Weight	2.60kg		2.70kg		
	Mounting Options					
		Junction Box VSBKTA120		Corner Mount VSBKTA120 + VSBKTA151		
		Pole Mount VSBKTA120 + VSBKTA150				

Your local VIP Vision™ IP solutions professional: