



Panoramic IP surveillance.

Panorama Series: 180° view multi-sensor camera in 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



Efficient Video Storage & Streaming



Vandal & Weather Resistant

Model		VSIP8MPPAD					
Camera	Image Sensor	4 x 1/2.8" 2.0MP Progressive Scan CMOS					
	Effective Pixels	4096 (H) x 1800 (V)					
	RAM / ROM	1024MB / 128MB					
	Min. Illumination	Colour: 0.007 Lux (F2.0, 1/3s) / 0.05 Lux (F2.0, 1/30s), 0 Lux/F2.0 (B/W)					
	S/N Ratio	> 50dB					
	Infrared System	6 x Infrared LED, 30m range, Auto/Manual on/off control					
Lens	Lens / Iris	2.8mm F2.0 Fixed Lens					
	Field of View	Horizontal: 180°, Vertical: 80°					
	Focus	Fixed					
Video	Resolution	4096 x 1800 (approx. 7.4MP) to 1024 x 452 (approx. 0.5MP)					
	Frame Rate	Main	4096 x 1800 (1~25fps)				
		Sub	1024 x 452 (1 ~ 25fps)				
		Third	1920 x 832 (1 ~ 25fps)				
	Video Compression	H.265+ / H.265 / H.264+ / H.264					
	Bit Rate	H.265: 9Kbps ~ 10Mbps / H.264: 24Kbps ~ 16Mbps					
	Bit Rate Control	Constant bit rate (CBR) / Variable bit rate (VBR)					
	Day/Night	Auto (ICR) / Color / B&W					
	Lighting Compensation	BLC / HLC / DWDR					
White Balance	Auto / Natural / Street Lamp / Outdoor / Manual						
Gain Control	Auto / Manual						
Noise Reduction	3D DNR						
IVS	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					
Network	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					
	Streaming Method	Unicast / Multicast					
	Max. User Access	10 Users / 20 Users					
Interface	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 / 2 Output					
	RS485	N/A					
	Edge Storage	MicroSD Card (up to 128GB) / NAS / Local PC					
	Interoperability	ONVIF / PSIA / CGI					
	Power Supply	24VAC / PoE+ (802.3at)					
Environmental	Power Consumption	<25.5W					
	Operating Conditions	-40° ~ +60° C / Less than 95% RH					
	Ingress Protection	IP67					
	Vandal Resistance	IK10					
	Housing	Metal					
	Pan/Tilt/Rotation	Pan: 0°~355° ; Tilt: 0°~75° ; Rotation: ±20°					
Dimensions	Φ212mm x 169.5mm						
Net Weight	3.60kg						
Application	Diagrams						
	Accessories						
	Models	Included accessory (VSBKA111)	Ceiling Mount (VSBKA111 + VSBKTB300C)	Junction Mount (VSBKA111 + VSBKTB303W + VSBKA120)	Power Box Mount (VSBKA111 + VSBKTB303W + VSBKA140)	Pole Mount (VSBKA111 + VSBKTB303W + VSBKA150)	Corner Mount (VSBKA111 + VSBKTB303W + VSBKA151)

Your local VIP Vision™ IP solutions professional: