



Panoramic IP surveillance.

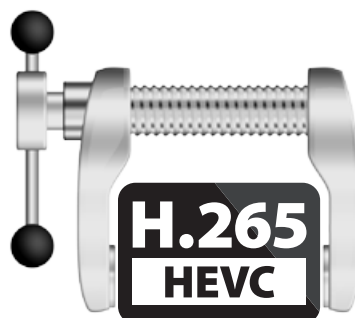
Panorama Series: 180° view multi-sensor cameras in 6.0MP & 8.0MP

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



Efficient Video Storage & Streaming



Vandal & Weather Resistant

Model	VSIP6MPPA	VSIP8MPPA		
Camera	Image Sensor	3 x 1/2.8" 2.0MP Progressive Scan CMOS	4 x 1/1.9" 2.0MP Progressive Scan CMOS	
	Effective Pixels	4096 (H) x 832 (V)	4096 (H) x 1800 (V)	
	RAM / ROM	1024MB / 128MB	1024MB / 128MB	
	Min. Illumination	Colour: 0.007 Lux (F1.8, 1/3s) / 0.05 Lux (F1.8, 1/30s), 0 Lux/F1.8 (B/W)	Colour: 0.005 Lux (F2.2, 1/3s) / 0.03 Lux (F2.2, 1/30s), 0 Lux/F2.2 (B/W)	
	S/N Ratio	> 50dB	> 50dB	
	Infrared System	8 x Infrared LED, 30m range, Auto/Manual on/off control	8 x Infrared LED, 30m range, Auto/Manual on/off control	
	Lens	Lens / Iris	3.6mm F1.8 Fixed Lens	5.0mm F2.2 Fixed Lens
Field of View		Horizontal: 180°, Vertical: 44°	Horizontal: 180°, Vertical: 80°	
Focus		Fixed	Fixed	
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 454 (1 ~ 25fps)
		Third	1280 x 260 (1 ~ 25fps)	1920 x 832 (1 ~ 25fps)
	Video Compression	H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / 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)	Constant bit rate (CBR) / Variable bit rate (VBR)	
	Day/Night	Auto (ICR) / Color / B&W	Auto (ICR) / Color / B&W	
	Lighting Compensation	BLC / HLC / WDR (120dB)	BLC / HLC / WDR (120dB)	
	White Balance	Auto / Natural / Street Lamp / Outdoor / Manual	Auto / Natural / Street Lamp / Outdoor / Manual	
Gain Control	Auto / Manual	Auto / Manual		
Noise Reduction	3D DNR	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 / 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		
	Ingress Protection	IP67		
	Vandal Resistance	IK10		
	Housing	Metal		
	Pan/Tilt/Rotation	N/A		
	Dimensions	298.3mm x 172.5mm x 120.5mm		
Net Weight	2.60kg	2.70kg		
Application	Diagrams			
	Accessories			
	Models	Junction Box (VSBKTA120)	Pole Mount (VSBKTA120 + VSBKTA150)	Corner Mount (VSBKTA120 + VSBKTA151)

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