



Panoramic IP surveillance.

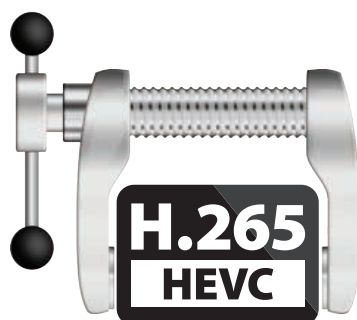
Panorama Series: 180° view multi-sensor dome camera in 8.0MP

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



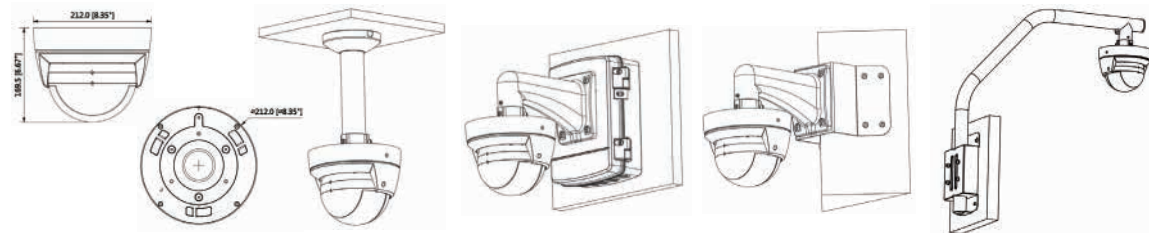
Wide Panoramic View & Infrared



Efficient Video Storage & Streaming



Vandal & Weather Resistant

Model		VSIP8MPPADV2					
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					
Lens	Infrared System	6 x Infrared LED, 30m range, Auto/Manual on/off control					
	Lens / Iris	2.8mm F2.0 Fixed Lens					
	Field of View	Horizontal: 180°, Vertical: 80°					
	Focus	Fixed					
Video	DORI Distance	Detect: 41m / Observe: 16m / Recognise: 8m / Identify: 4m					
	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.264					
	Bit Rate	H.265: 9 ~ 9472Kbps / H.264: 24 ~ 15616Kbps					
	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						
IVS	Gain Control	Auto / Manual					
	Noise Reduction	3D DNR					
	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					
Environmental	Interoperability	ONVIF / PSIA / CGI					
	Power Supply	24VAC / PoE+ (802.3at)					
	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	Ø212mm x 169.5mm					
	Net Weight	3.60kg					
Application	Diagrams						
	Accessories						
	Models	Included accessory (VSBKTA111) <i>Requires VSBKTB300C or VSBKTB303W to mount</i> Ceiling Mount (VSBKTA111 + VSBKTB300C) Junction Mount (VSBKTA111 + VSBKTB303W + VSBKTA120) Power Box Mount (VSBKTA111 + VSBKTB303W + VSBKTA140) Pole Mount (VSBKTA111 + VSBKTB303W + VSBKTA150) Corner Mount (VSBKTA111 + VSBKTB303W + VSBKTA151) Parapet Mount (VSBKTA111 + VSBKTB303S)					

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