

Panoramic & AI combined.

Professional AI Series: AI panoramic mini bullet in 4.0MP

Capture entire scenes and perform the role of multiple cameras with the VIP Vision Panoramic Series. Control a 180-degree panorama with virtual PTZ functions to keep watch over driveways, parking lots and warehouse floors, even with low-light colour. Search playback and receive alerts with AI Person and Vehicle Detection modes, transforming the way you use your surveillance system.

- Stream up to 4.0MP (2688 x 1520) at 25fps
- 2.1mm panoramic lens for 170° field of view (Lens Distortion Control enabled; 180° when disabled)
- Back/highlight compensation & true WDR (120dB)
- 20m infrared range & virtual PTZ control
- Starlight sensor for superb low-light performance
- Intelligent AI detection to identify people & vehicles
- Smart Motion Detection (SMD+) & Perimeter Protection for AI alerts and to prevent false alarms
- MicroSD slot for recording at the edge up to 256GB
- 3D digital noise reduction & auto white balance
- IP67 weather rated housing for outdoor use



Superb Image Performance



Wide-Angle View & Infrared



Smart Person & Vehicle Detection

	Specifications		4.0MP AI Panoramic Bullet
	Ordering Information		**VSIPP-4BIRW-I**
Camera	Image Sensor		1/2.7" 4.0MP Progressive Scan CMOS
	Effective Pixels		2880 (H) x 1620 (V)
	RAM / ROM		512MB / 128MB
	Min Illumination		0.01 Lux / F1.6 (Color), 0.001 lux / F2.0 (B/W, 30 IRE), 0 lux (IR on)
	S/N Ratio		> 56dB
	Infrared System		3 x Infrared LED, 20m range, auto
Lens	Lens / Iris		2.1mm F2.0 Fixed Lens with Fixed Iris
	Field of View		LDC (Lens Distortion Control), enabled by default | Horizontal: 170°, Vertical: 75°, Diagonal: 175° Horizontal: 180°, Vertical: 78°, Diagonal: 180°
	Focus		Auto Focus / 0.6m Min. Focus Distance
DORI	Detect (25px/m)		52m
	Observe (63px/m)		21m
	Recognise (125px/m)		10m
	Identify (250px/m)		5m
Video	Resolution		5.0 MP (2880 x 1620) / 4.0MP (2688 x 1520) to CIF (352 x 288)
	Frame Rate	Main	5.0MP (1 ~ 20fps) / 4.0MP (1 ~ 25fps)
		Sub	D1 (1 ~ 25fps)
		Third	1080p (1 ~ 25fps)
	Video Compression		H.265/H.264/H.264H/H.264B/MJPEG
	Bit Rate		H.264/H.265: 3 ~ 8192 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)
	Smart Scene Adaptive		N/A
	White Balance		Auto / Natural / Street Lamp / Outdoor / Manual / Regional Custom
	Gain Control		Auto / Manual
	Noise Reduction		3D NR
	Picture Control		Mirror / Flip (0°, 90°, 180°, 270°) (4.0MP supports 90° & 270° at 1080p resolution)
IVS	Intelligent Functions		Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (8 areas), Smart Infrared, Abandoned Object, Moving Object
	Perimeter Protection		Tripwire & Intrusion (Add recognition of humans & vehicles), Fast Moving Detection, Loitering Detection, Parking & Gathering Detection
	Face Detection		N/A
	Face Attributes		N/A
	People Counting		N/A
	Heat Map		N/A
	Event Trigger		Motion Detection, Video Tampering , Scene Changing, Network Disconnection, IP Address Conflict, Illegal Access
	Intelligent Search		Via NVR Smart Search / Search tripwire/intrusion events by people or vehicle, Search footage by face image and face attributes
Network	Ethernet		RJ-45 (10/100Base-T)
	Protocol		IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; SAMBA; PPPoE; 802.1x; SNMP
	Streaming Method		Multicast
	Max. User Access		20 Users
Interface	Video Interface		N/A
	Audio Interface		1 input (RCA Port), 1 output (RCA Port) / Audio Compression: G.711a; G.711Mu; G726; G.723
	Alarm Interface		1 channel in: 5mA 3VDC / 1 channel out: 1000mA 30VDC or 500mA 50V DC
	RS485		N/A
	Edge Storage		MicroSD Card (up to 256GB) / NAS / FTP /SFTP
	Interoperability		ONVIF / P2P / CGI
Environmental	Power Supply		12VDC / PoE (802.3af)
	Power Consumption		<6.5W
	Operating Conditions		-40°C ~ +60°C, ≤95% RH
	Ingress Protection		IP67
	Vandal Resistance		N/A
	Housing		Metal
	Pan/Tilt/Rotation		Pan: 0° ~ 360°, Tilt: 0° ~ 90°, Rotation: 0° ~ 360°
	Dimensions		249.3 mm x 90.7 mm x 90.4 mm
	Net Weight		820g

Applications		
Wall Mount	Junction Box	Pole Mount
VSBKTA135	VSBKTA135 or VSBKTA130E	VSBKTA135 + VSBKTA152E

Your local VIP Vision™ IP solutions professional:

Active Online SECURITY

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