



Compact and powerful.

Professional PTZ Series: Vandal resistant, compact PTZ available in 2.0MP

This IP PTZ dome offers the image control and versatility of 12x optical zoom, with the flexibility of a small form factor camera housing. Enjoy PTZ flexibility and easy ceiling surface-mount installation, with no brackets required.

- Stream up to Full HD/2.0MP (1920 x 1080) at 25fps
- Compact footprint and profile for easy mounting
- True WDR (120dB) & back/highlight compensation
- MicroSD slot for recording at the edge up to 128GB
- Endless 360° panning and -2° ~ 90° tilt adjustable
- Face detection & intelligent video analytic functions
- 3D digital noise reduction & auto white balance
- IP66/IK10 weather/vandal rated housing



MicroSD Slot for Edge Recording



12x

12x Lossless Optical Zoom



Power via PoE+ (802.3at)

Model		VSIP2MPPTZV2		
Lens	Image Sensor	1/2.7" 2.0MP Progressive Scan CMOS		
	Effective Pixels	1920 (H) x 1080 (V)		
	RAM / ROM	256MB / 128MB		
	Min Illumination	0.05 Lux/F1.6 (Color), 0.005 Lux/F1.6 (B/W)		
	S/N Ratio	> 55dB		
	Infrared System	N/A		
	Lens / Iris	5.1 ~ 61.2mm F1.6 ~ F3.0 Motorised Lens		
	Field of View	Horizontal: 59.3° ~ 5.2° (12x Optical Zoom)		
	Focus	Auto/Manual / 1m Min. Focus Distance		
	PTZ	Pan / Tilt Range	Pan: 0° ~ 360° (endless) / Tilt: -2° ~ 90° / Auto-flip 180°	
PTZ Speed		Presets: Pan: 300°/s; Tilt: 200°/s Manual: Pan: 300°/s; Tilt: 120°/s		
Modes / Presets		Up to 300 presets / 5 Pattern, 8 Tour, Auto Pan, Auto Scan		
Start-up Action		Auto-restore to previous PTZ/lens status		
Video	Auto Tracking	N/A		
	Resolution	1080p (1920 x 1080) to CIF(352 x 288)		
	Frame Rate	Main	1080p (1 ~ 25fps)	
		Sub	D1 (1 ~ 25fps)	
		Third	720p (1 ~ 25fps)	
	Video Compression	H.264+ / H.264 / MJPEG		
	Bit Rate	H.264+/H.264: 448 ~ 8192Kbps / MJPEG: 5120 ~ 10240Kbps		
	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 / ATW / Indoor / Outdoor / Manual		
	Gain Control	Auto / Manual		
Noise Reduction	Ultra 2D/3D DNR			
Picture Control	Flip 180°			
IVS	Intelligent Functions	Tripwire, Intrusion, Abandoned/Missing Object, Face Detection, Motion Detection, Region of Interest, Privacy Masking (24 zones), Defog		
	Ethernet Protocol	RJ-45 (10/100Base-T)		
Network	Streaming Method	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		
	Max. User Access	Unicast / Multicast		
	Video Interface	10 Users / 20 Users		
	Audio Interface	N/A		
Interface	Alarm Interface	1 Input, 1 Output / Compression: G.711a, G.711mu, G.726, AAC		
	RS485	2 Inputs / 1 Output		
	Edge Storage	N/A		
	Interoperability	MicroSD Card (up to 128GB) / NAS / Local PC		
Environmental	Power Supply	ONVIF / PSIA / CGI		
	Power Consumption	24VDC/1.5A / PoE+ (802.3at)		
	Operating Conditions	<12W		
	Ingress Protection	-30° ~ +60° C / Less than 90% RH		
	Vandal Resistance	IP66		
	Housing	IK10		
	Pan/Tilt/Rotation	Metal		
	Dimensions	Pan: 0° ~ 360° ; Tilt: -2° ~ 90° ; Rotation: 0° ~ 360°		
	Net Weight	Ø170mm x 155mm		
		1.8kg		
Application	Diagrams			
	Accessories			
	Models	Hanging Mount (VSBKTA102 + VSBKTB300C) Wall Mount (VSBKTB302S) Pole Mount (VSBKTB302S + VSBKTA150) Corner Mount (VSBKTB302S + VSBKTA151)		

Your local VIP Vision™ IP solutions professional: