



Total coverage at any angle.

Professional PTZ Series: PTZ positioning camera available in 2.0MP

Experience clear large-scale surveillance with this vandal-resistant PTZ camera. Ideal for long distance surveillance, it features up to 25x optical zoom, true WDR (120dB) and ultra low light colour for detailed recording, day and night.

- Stream up to 2.0MP (1920 x 1080) at 50fps
- 25x optical zoom lens (59.2 ~ 2.4° viewing angles)
- Auto tracking with intelligent video functions
- Low light colour performance at 0.005lx; 150m IR
- Electronic image stabilisation, face detect & more
- Endless 360° panning and -90° ~ 90° tilt adjustable
- MicroSD slot for recording at the edge up to 128GB
- Ultra 2D/3D DNR; auto white balance; true day/night
- Power by PoE+ (802.3at) or 24VAC (PSU included)
- IP67/IK10 weather & vandal resistant metal housing



Intelligent Auto Tracking



Up to 25x Lossless Optical Zoom



Full Pan/Tilt for No Blind Spots

Model		CAM425	
Camera	Image Sensor	1/2.8" 2.0MP Starvis™ CMOS	
	Effective Pixels	1920 (H) x 1080 (V)	
	RAM / ROM	1024MB / 128MB	
	Min Illumination	0.005 Lux/F1.6 (Color), 0 Lux/F1.6 (IR on)	
	S/N Ratio	> 55dB	
	Infrared System	4 x Infrared LED, 150m range, Auto/manual on/off control	
Lens	Lens / Iris	4.8 ~ 120mm F1.6 ~ F4.4 Motorised Lens	
	Field of View	Horizontal: 59.2° ~ 2.4° (25x Optical Zoom)	
	Focus	Auto/Manual / 1.5m Min. Focus Distance	
PTZ	DORI Distance	Detect: 1613m / Observe: 646m / Recognise: 323m / Identify: 161m	
	Pan / Tilt Range	Pan: 0 ~ 360° (endless) / Tilt: -90 ~ 90° / Effective Angle: -51° ~ 90° / Auto-flip 180°	
	PTZ Speed	Preset Pan: 120°/s; Tilt: 75°/s Manual Pan: 120°/s; Tilt: 75°/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	
	Auto Tracking	Support	
Video	Resolution	1080p (1920 x 1080) to CIF (352 x 288)	
	Frame Rate	Main	1080p (1 ~ 50fps)
		Sub	D1 (1 ~ 25fps)
		Third	1080p (1 ~ 25fps)
	Video Compression	H.265 / H.264	
	Bit Rate	H.265/H.264: 448K ~ 8192Kbps	
	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, Heat Map, Region of Interest, Electronic Image Stabilisation, Privacy Masking (24 zones), Defog	
	Network	RJ-45 (10/100Base-T)	
Interface	Ethernet Protocol	IPv4/IPv6; HTTP; HTTPS; SSL; TCP/IP; UDP; UPnP; ICMP; IGMP; SNMP; RTSP; RTP; SMTP; NTP; DHCP; DNS; PPPOE; DDNS; FTP; IP Filter; QoS; Bonjour; 802.1x	
	Streaming Method	Unicast / Multicast	
	Max. User Access	10 Users / 20 Users	
	Video Interface	N/A	
Environmental	Audio Interface	1 Input, 1 Output / Compression: G.711a, G.711mu, AAC, G.722, G.726, G.729, MPEG2-L2	
	Alarm Interface	2 Inputs / 1 Output	
	RS485	N/A	
	Edge Storage	MicroSD Card (up to 128GB) / NAS / Local PC	
	Interoperability	ONVIF / PSIA / CGI	
Application	Power Supply	12VDC/4A / PoE+ (802.3at)	
	Power Consumption	<22W	
	Operating Conditions	-40° ~ +70° C / Less than 95% RH	
	Ingress Protection	IP67	
	Vandal Resistance	IK10	
	Housing	Metal	
	Pan/Tilt/Rotation	Pan: 0° ~ 360° ; Tilt: 15° ~ 90° ; Rotation: 0° ~ 360°	
Dimensions	Ø291.5mm x 161mm x 153.4mm		
Net Weight	3.6kg		
Diagrams & Accessories			<p>Included Accessories (AC power supply, VSBKTA730)</p>
	Models	<p>Wall Mount (VSBKTb730W)</p>	

Your local VIP Vision™ IP solutions professional: