



# Ultra low light pan/tilt.

Professional PT Series: Ultra low light pan-tilt dome available in 2.0MP

The PT Series offers superb surveillance control in a compact package. It features an array of intelligent video functions and captures colour footage in low light, delivering evidence in the most challenging surveillance conditions.

- Stream up to 2.0MP (1920 x 1080) at 25fps
- 2.8mm fixed lens for wide 103° viewing angle
- Low light colour performance at as low as 0.005lx
- 355° panning with 20 ~ 90° tilt adjust
- Configure pan-tilt patterns, tours, auto-panning
- Day/night (auto ICR) with True WDR (120dB)
- MicroSD slot for recording at the edge up to 256GB
- IP66/IK08 weather/vandal resistant metal housing



Superb Low Light Performance



Intelligent Video Functions



Compact Pan/Tilt Surveillance

Model		VSIPPT-2VDIR	
Lens	Image Sensor	1/2.8" 2.0MP Starvis™ CMOS	
	Effective Pixels	1920 (H) x 1080 (V)	
	RAM / ROM	512MB / 128MB	
	Min Illumination	Colour: 0.005 Lux (F1.6), 0.0005 Lux/F1.6 (B/W)	
	S/N Ratio	> 50dB	
	Infrared System	N/A	
	Lens / Iris	2.8mm F1.6 Fixed Lens	
	Field of View	Horizontal: 103°, Vertical: 55°	
	Focus	Fixed	
	DORI Distance	Detect: 41m / Observe: 17m / Recognise: 8m / Identify: 4m	
PTZ	Pan / Tilt Range	Pan: 0° ~ 355°; Tilt: 20° ~ 90°	
	PTZ Speed	Preset: Pan: 80°/s; Tilt: 40°/s Manual: Pan: 70°/s; Tilt: 30°/s	
	Modes / Presets	Up to 300 presets, 8 Tour, Auto Pan	
	Start-up Action	Auto-restore to previous PTZ/lens status	
	Auto Tracking	N/A	
Video	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.265 / H.264	
	Bit Rate	H.265: 448 ~ 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 / Manual	
	Gain Control	Auto / Manual	
	Noise Reduction	Ultra 2D/3D DNR	
Picture Control	Flip 180°		
Network	Intelligent Functions	Tripwire, Intrusion, Abandoned/Missing Object, Face Detection, Motion Detection, Region of Interest, Privacy Masking (24 zones), Defog	
	Ethernet	RJ-45 (10Base-T/100Base-TX)	
	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	
Interface	Max. User Access	20 Users	
	Video Interface	N/A	
	Audio Interface	1 Input (Built-in microphone), 1 Output / Compression: G.711a/G.711mu/G.726/AAC	
	Alarm Interface	N/A	
	RS485	N/A	
	Edge Storage	MicroSD Card (up to 256GB) / NAS / Local PC	
	Interoperability	ONVIF / PSIA / CGI	
Environmental	Power Supply	12VDC/1.5A / PoE (802.3af)	
	Power Consumption	<6W	
	Operating Conditions	-30° ~ +60° C / Less than 95% RH	
	Ingress Protection	IP66	
	Vandal Resistance	IK08	
	Housing	Metal	
	Pan/Tilt/Rotation	N/A	
	Dimensions	Ø128mm x 64mm	
Net Weight	0.49kg		
Application	Diagrams		
	Accessories		
Models	Ceiling Extension (VSBKTA107 + VSBKTB220C)		
	Wall Mount (VSBKTA107 + VSBKTB305W)		

Your local VIP Vision™ IP solutions professional: