



Total coverage, every angle.

Professional PTZ Series: Mobile PTZ positioning camera available in 2.0MP

Featuring a powerful optical zoom, accurate pan/tilt/zoom performance and flexible network support including 3G/4G and WiFi, this camera is an all-in-one solution for capturing long distance video surveillance in any setting.

- Stream up to 2.0MP (1920 x 1080) at 50fps
- 30x optical zoom lens (61.2 ~ 2.4° viewing angles)
- Auto tracking, 360° panning, -20° ~ 90° tilt adjustable
- Low light colour performance at 0.004lx; 100m IR
- 3G/4G, WiFi and Wired network options plus GPS
- Anti-vibration for image stability; OLED status display
- MicroSD slot for recording at the edge up to 128GB
- WDR, 2D/3D DNR; auto white balance; true day/night
- Soft magnetic composite base for flexible mounting
- IP66 weather resistant metal housing



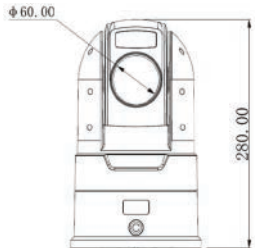
Up to 30x Lossless Optical Zoom



Flexible Networking Formats



Heavy-Duty Aviation Cables

Specifications		2.0MP 30x Zoom PTZ	
Camera	Ordering Information	VSIPMPTZ-2G: Standard	
	Image Sensor	1/1.9" 2.0MP CMOS	
	Effective Pixels	1920 (H) x 1080 (V)	
	Min Illumination	0.004 Lux/F1.6 (Color), 0 Lux/F1.6 (IR on)	
	S/N Ratio	> 54dB	
	Infrared System	4 x Infrared LED, 100m range, Auto/manual on/off control	
Lens	Anti-Shake DSP	Support	
	Lens	6 ~ 180mm Motorised Lens	
	Field of View	Horizontal: 61.2° ~ 2.3° (30x Optical Zoom)	
DORI	Focus	Auto/ Semiautomatic/ Manual	
	Detect (25px/m)	1613m	
	Observe (63px/m)	646m	
	Recognise (125px/m)	323m	
PTZ	Identify (250px/m)	161m	
	Pan / Tilt Range	Pan: 0 ~ 360° (endless) / Tilt: -15 ~ 90° / Auto-flip 180°	
	PTZ Speed	Pre-set: Pan: 400°/s; Tilt: 300°/s Manual: Pan: 300°/s; Tilt: 200°/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	Support	
	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 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		
Network	Noise Reduction	2D/3D DNR	
	Picture Control	Horizontal: 0° ~ 360° Vertical: -20° ~ 90°	
	Intelligent Functions	Motion Detection	
	Ethernet	RJ-45 (10/100Base-T)	
Interface	Protocol	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	
	Streaming Method	Unicast / Multicast	
	Max. User Access	10 Users / 20 Users	
	External Interface	14-Core Aviation Connector (1: RJ45 Network Cable, 2: Φ 5.5*2.1mm Power Port, 3: GPS Port, 4: RS232) 8-Core Aviation Connector (optional) (1: Alarm Input, 2: Audio Input, 3: 12V Controllable Power (Alarm) Input, 4: RS485)	
	Video Interface	N/A	
Environmental	Audio Interface	1 Input / Compression: PCM, G.711a, G.711u	
	Alarm Interface	2 Inputs	
	Edge Storage	MicroSD Card (up to 128GB) / NAS / Local PC	
	Interoperability	ONVIF / PSIA / CGI	
	Power Supply	24VDC (6~36V)	
	Power Consumption	<20W (IR off: <24W, IR on: <40W , Motor IR on: <56W)	
	Battery	10.05Ah / 109.45Wh (9 hours from full charge at lowest power consumption)	
	Operating Conditions	-20° ~ +5° C / Less than 90% RH	
	Ingress Protection	IP66	
	Vandal Resistance	N/A	
Application	Housing	Metal	
	Pan/Tilt/Rotation	Pan: 0° ~ 360° ; Tilt: 15° ~ 90° ; Rotation: 0° ~ 360°	
	Dimensions	Φ 171mm x 280mm	
	Net Weight	4.87kg	
Diagram			

Your local VIP Vision™ IP solutions professional:

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