

4G, solar and ready to deploy

Specialist AI Series: Solar 4G Multi-Vision PTZ Camera with Hybrid Zoom

Deliver AI surveillance to remote sites without power or hardwired network access using the standalone Multi-Vision PTZ camera from VIP Vision. It features a built-in 4G modem, solar panel and lithium battery. The camera combines a fixed turret for site overview with a Hybrid Zoom PTZ dome that automatically tracks people. When detection events occur, it activates an LED spotlight and siren to deter intruders.

- 3.0MP@15fps 2.8mm wide angle overview camera
- 3.0MP@15fps PTZ dome with Hybrid Zoom - twin cameras switch focal lengths to zoom on subjects during AI auto-tracking of people
- Activates LED & siren in response to AI detection
- 24/7 surveillance powered by 8W integrated solar panel and built-in 65Wh lithium battery
- Always-On Video provides continuous video recording at 1fps with low power consumption; AI wakes camera on event detection & boosts image capture to 15fps



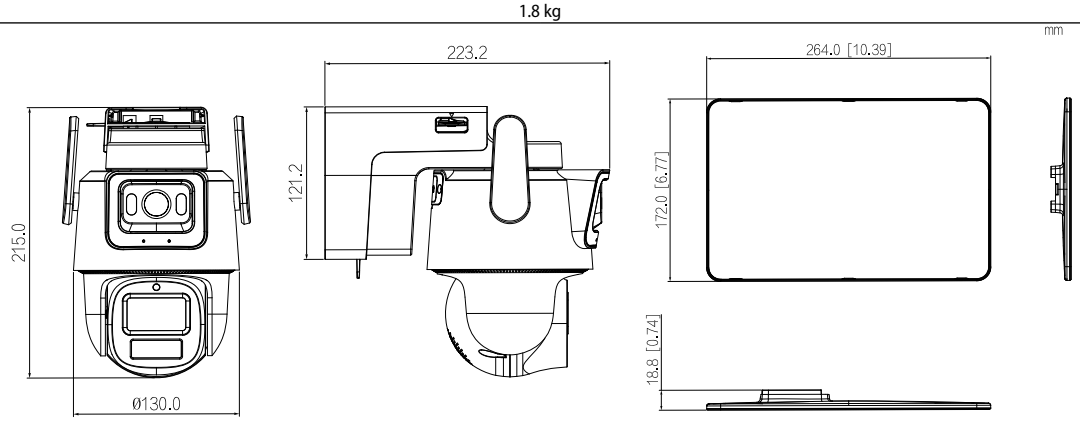
Smart Person & Vehicle Detection



Spotlight & siren deters intruders



Quick Deploy 4G Camera

	Specifications	3.0MP Solar 4G Fixed Turret & Pan-tilt unit	
	Ordering Information	VSIPSLR-3P3F	
	Camera System	3.0MP Fixed Lens Overview Camera	3.0MP Hybrid Zoom PTZ Dome Camera
Camera	Image Sensor	1/2.8" 3.0MP Progressive Scan CMOS	Dual 1/2.8" 3.0MP Progressive Scan CMOS
	Effective Pixels	2304 (H) x 1296 (V)	2304 (H) x 1296 (V)
	RAM / ROM	256 MB / 256 MB	
	Min Illumination	0.0005 lux@F1.0 (Color, 30 IRE); 0 lux (Illuminator on)	
	S/N Ratio	>55 dB	
	LED Illumination	4 x Spotlight (Warm White) 30m range	4 x Spotlight (Warm White) 50m range
Lens	Lens / Iris	2.8mm F1.0 Fixed Lens	3.6mm & 8.4mm F1.0 Fixed Lenses
	Field of View	Horizontal: 94°, Vertical: 52°, Diagonal: 110°	**3.6mm Lens:** Horizontal: 82°, Vertical: 44°, Diagonal: 96° **8.4mm Lens:** Horizontal: 15.1°, Vertical: 8.4°, Diagonal: 17.8°
	Focus	Auto Focus / 1.1m Min. Focus Distance	Auto/Semi-Auto/Manual Control, 3.6 mm: 1.7m, 8.4 mm: 6m Min. Focus Dist
DORI	Detect	40m	W: 51m; T: 120m
	Observe	16m	W: 20m; T: 47m
	Recognise	8m	W: 10m; T: 24m
	Identify	4m	W: 5m; T: 12m
PTZ	Pan / Tilt Range	N/A	Pan: 0 ~ 350° (endless) / Tilt: -0 ~ 90°
	PTZ Speed	N/A	Preset: Pan: 40°/s, Tilt: 40°/s, Manual: Pan: 40°/s, Tilt: 40°/s
	Modes / Presets	N/A	Up to 50 presets / 8 Tour (32 presets per tour)
	Auto Tracking	N/A	Supported (only via people detection)
Video	Resolution	3.0MP (2304 x 1296) to 640 x 360	3.0MP (2304 x 1296) to 640 x 360
	Frame Rate	3.0MP/1080p/720p/640 x 360 (15 fps)	3.0MP/1080p/720p/640 x 360 (15 fps)
	Video Compression	Smart H.265+	
	Bit Rate	H265: 54 kbps–1280 kbps	
	Bit Rate Control	Variable Bit Rate (VBR)	
	Image Adjustments	Color and B&W Day/Night, Digital WDR, Auto Gain Control, Auto White Balance, 3D Noise Reduction, 180° Image Rotation	
IVS	Video Functions	Motion Detection	
	AI Functions	AI People & Vehicle Detection via Smart Motion Detection (SMD 3.0)	
	Intelligent Search	Search via People or Vehicle Detection Events	
Network	4G Carrier Frequency	B1/3/5/7/8/20/28 (FDD), B38/40/41 (TDD)	
	Transmission Power	4G: Power Class 3: 23 dBm ± 2.7 dB	
	Management Software	DMSS (Android & IOS)	
Interface	Audio Interface	Built-in Mic & Loudspeaker	
	Alarm Linkage	Built-in White LED Spotlight & Deterrence Siren	
	Edge Storage	MicroSD card slot (up to 512GB), includes 128GB microSD card	
Environmental	Power Supply	65Wh lithium battery / 8W solar panel / Supports USB Type-C power supply	
	Power Consumption	**Super Power Saving Mode:** 40 mW (4G keep-alive) **Always-on-Video Mode:** 170 mW (1 frame every 2 seconds, SD card recording, 4G keep-alive) **Performance Mode 1:** 2.4 W (4G streaming, SD card recording, PTZ static, illuminator off) **Performance Mode 2:** 3.7 W (4G streaming, SD card recording, PTZ static, illuminator on) **Max. Power Consumption:** 8.0W (4G streaming, SD card recording, PTZ moving, illuminator on, speaker on)	
	Operating Conditions	**Camera & Solar Panel:** –10 °C ~ +50 °C / ≤95% RH, battery: –20 °C ~ +60 °C / ≤95% RH	
	Protection	IP66, TVS 2000V Lightning Proof, Surge Protection, Voltage Transient Protection	
	Dimensions	223.2 mm x 130.0 mm x 215.0 mm	
	Weight	1.8 kg	
Application	Diagrams		

Your local VIP Vision™ IP solutions professional: