AI People & Vehicle Detection

AI Smart Dual Light

Starlight Camera

4G/LTE Camera

4.0 MEGAPIXEL

Rapid deploy site security.

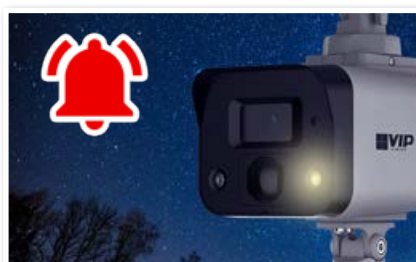## Specialist AI Series: 4.0MP 4G Solar-Powered Bullet with Active Deterrence

The VIP Vision 4G Solar-Powered range provides AI surveillance to sites with no power or network access, ideal for rapid security deployment applications. This camera is a completely standalone security system and is managed entirely via your mobile application. Receive AI and PIR motion alerts when people/vehicles are detected; deter intruders with built-in siren & LED light; and enjoy increased uptime with smart battery management via AoV mode.

- Stream up to 4.0MP (2560 x 1440) at 15fps
- High efficiency monocrystalline solar panel and built-in 64Wh lithium battery for 10 days uptime (AoV)
- Intelligent AI detection to identify people & vehicles
- Activates spotlight & siren, in response to alarm events

- 24/7 colour low light footage as low as 0.001lx
- Always-On Video Mode records at a low frame during inactive periods & escalates during detection events to combine maximum camera uptime and image quality
- Includes 128GB microSD storage; IP67 weather rated
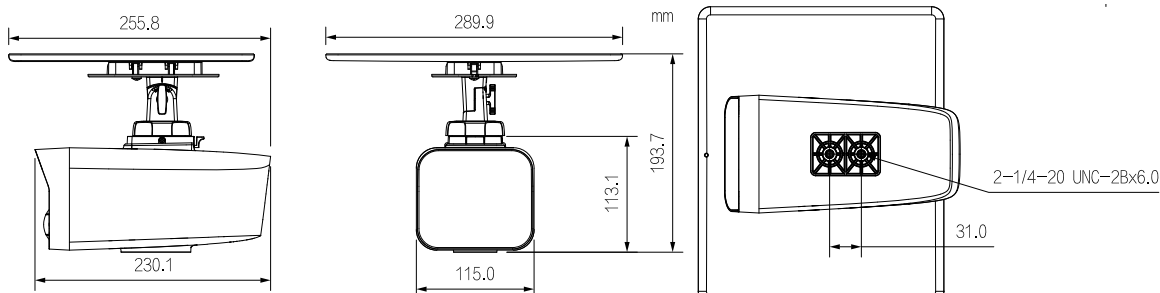
ALWAYS ON VIDEO MODE

Smart Battery Management

Active Deterrence LED & Siren

Rapid Deployment Surveillance

Specifications		4.0MP Fixed 4G Solar Powered Bullet
Ordering Information		**VSIPSLR-B41**
Camera — Image Sensor		1/3" 4.0MP Progressive Scan CMOS
Effective Pixels		2560 (H) x 1440 (V)
RAM / ROM		128 MB/128 MB
Min Illumination		0.01 lux/F1.6 (Color), 0.001 lux/F1.6 (B/W, 30 IRE), 0 lux (IR)
S/N Ratio		> 40 dB
Illumination System		1 x 20m Warm White LED, 1 x 30m Infrared LED, Auto/Manual Control **Smart Dual Light:** Night infrared illumination until triggered via AI person/vehicle detection (SMD)
PIR Motion Sensor		Built-in PIR Sensor for Motion Sensor Alarm
Lens — Lens / Iris		3.6mm F1.6 Fixed Lens
Field of View		Horizontal: 78.4°, Vertical: 42.4°, Diagonal: 92.4°
Focus		Fixed /1.5m Min. Focus
DORI — Detect (25px/m)		78m
Observe (63px/m)		31m
Recognise (125px/m)		16m
Identify (250px/m)		8m
Video — Resolution		4.0MP (2560 x 1440) to CIF (352 x 288)
Frame Rate	Main	4.0MP (1 ~ 15fps)
	Sub	640 x 360 (1 ~ 15fps)
Video Compression		H.265 / 32 ~ 4096Kbps
Day/Night		Auto (ICR) / Color / B&W
Lighting Compensation		BLC / HLC / Digital WDR
Image Adjustments		Auto Gain Control, White Balance, 3D Noise Reduction
Network — Ethernet		RJ-45 (10/100 Base-T)
Protocol		HTTP; Https; 802.1x; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DHCP; DNS; IPv4/v6; NTP; SFTP;DDNS; SNMP; PPPoE
4G Carrier Frequency		B1/3/5/7/8/20/28 (FDD)
Transmission Power		Power class3: 23 dBm ± 2.7 dB
Max. User Access		20 Users
Interface — USB		1 x USB Type-C for Solar Panel
Audio Interface		Built-in Microphone and Loudspeaker for Two-way Talk / Siren on Alarm Activation / G.711a Compression
Interoperability		P2P, Configured by application only (no NVR connection)
Edge Storage		MicroSD Card Slot support up to 512GB / Includes 128GB card
Environmental — Power Supply		12VDC
Battery		6.4V 64Wh LiFePO4 Battery (Lithium Iron Phospate)
Solar Panel		Monocrystalline Silicon Solar Panel, 10.5W Max Power, >1000 Cycles Lifespan
Camera Uptime		**AOV Mode:** 10 Days (30 daily alarms <15s each) / **Performance Mode:** 2 Days (continuous recording)
Power Consumption		AOV mode: 0.26W / Max: 1.33W
Operating Conditions		-30°C ~ +60°C, ≤95% Relative Humidity
Ingress Protection		IP67
Housing		Plastic
Dimensions		256 x 290 x 197mm (Camera), 285 x 235 x 2.5mm (Panel) (L x W x H)
Net Weight		1.36kg
Application — Diagrams		
Brackets		**Wall Mount:** Included / **Junction Box:** VSBKTA121 / **Pole Mount:** VSBKTA121 + VSBKTA152-E

Your local VIP Vision™ IP solutions professional: