

4GPTZ-Portable230AI

4G LTE Portable outdoor network PTZ Camera with built-in Battery for Rapid Deployment Applications



This portable outdoor network PTZ camera is a unique 4G wireless camera for rapid deployment of high definition video. With built-in 4G LTE wireless module and industrial lithium battery, the camera can be working in almost any places without the limitation of wired network and power input. This camera can be put on desktop, vehicle top, or stick to any metal surface thanks to the magnet base design of camera bottom.

Outstanding Features

- HD1080P Resolution, 30x Optical Zoom
- Pluggable battery for continuous work for 9 hours
- Built-in Wi-Fi, Support AP Mode, which allows you to connect the mobile phone to the camera directly and control the camera conveniently
- 360° endless pan and -20° to 90° (auto-flip) tilt movement range for PTZ
- Support Onboard Storage, 330ft IR Distance
- Quick installation with the magnetic base and the tripod bracket
- Come with Free Mobile APP, VMS Software and Cloud Access

Specification

Camera Module	
Image Sensor	1/2.8" progressive scan CMOS
Min. Illumination	Color: 0.05 Lux@(F1.6, AGC ON) B/W: 0.01 Lux@(F1.6, AGC ON) 0 Lux with IR
S/N Ratio	> 56 dB
TF Card	Built-in dual TF card slots, up to 256 GB per card
Video Standard	PAL/NTSC
White Balance	Auto
Shutter Time	1/1 s to 1/30,000 s
Day & Night	IR cut filter
Digital Zoom	16×
Focus Mode	Auto/Semi-automatic/Manual
WDR	Digital WDR
Lens	
Focal Length	4.5 mm to 135 mm, 30× optical
Zoom Speed	Approx. 4 s (optical lens, wide-tele)
FOV	Horizontal : 60.5° Vertical: 36°
Minimum Photographic Distance	10 mm to 1500 mm (wide-tele)
Aperture Range	F1.6 to F4.4
IR	
IR Distance	Up to 100 m (body outline is available)
IR Intensity	Automatically adjustable, depending on the zoom ratio
Compression Standard	
Video Compression	H.265/MJPEG/H.264
H.264 Type	Baseline profile/Main profile/High profile
H.265 Type	Main profile
Video Bitrate	32 Kbps to 16 Mbps
Audio Compression	G.711a, G.711u, G.722. 1
Image	
Resolution	Main stream: 50 Hz: 25 fps (1920 × 1080), 60 Hz: 30 fps (1920 × 1080) Sub-stream: 50 Hz: 25 fps (1920 × 1080), 60 Hz: 30 fps (1920 × 1080)
Image Enhancement	HLC/BLC/3D DNR/Defog/EIS
PTZ	
Movement Range (Pan)	360° endless
Movement Range (Tilt)	-20°to 90°(Auto-flip)
Arming Location	256 arming locations 8 scan patrols

Specification

Video Bit Rate	32 kbps to 16384 kbps
H.264 Type	baseline profile,main profile,high profile
H.265 Type	main profile
H.264+	yes
H.265+	yes
SVC	yes

Network	
Communication	FDD LTE (Band 1, Band 3, Band 7, Band 8, and Band 20), WCDMA/HSDPA/HSUPA/HSPA+ (Band 1, Band 8), GSM/GPRS/EDGE (900 MHz/1800 MHz), Double 3G/4G modules (customized)
Wi-Fi	802.11 b/g/n/ac, 2.4 GHz/5 GHz, supporting Wi-Fi AP remote live view
GPS System	Supports GPS/BDS/mixed positioning
Protocols	EHome 2.0, ISUP, ISAPI, SDK, ONVIF
Interface	
Network Interface	1 RJ45 10 M/100 M Ethernet Interface
Bluetooth	BT 4.0
Audio Input	Dual mic
Audio Output	Loudspeaker
Smart Function	
Vehicle Arming	Supports checkpoint. Supports recognition of vehicle license plate number, color, type, and brand.
External Interface	
10-Core Main Aviation Plug	RS-232, RJ45, power supply
9-Core Secondary Aviation Plug (optional)	RS-485, 1 LINE IN/LINE OUT, 5 V output, 1 alarm input/output
General	
Power	12 VDC
Consumption	10 W in typical when 4G, Wi-Fi, Bluetooth, and PTZ rotating are off
Battery Capacity	13400 mAh
Working Environment	Working Temperature: -10 °C to 55 °C (14 °F to 131 °F) Working Humidity: ≤ 95% (no condensation)
Protection Level	IP66 standard; TVS 2000 V lightning protection, surge protection, and voltage transient protection
Package Dimension	340 × 235 × 330 mm (13.4" × 9.3" × 13")
Net Weight	Approx. 3.7 kg (8.16 lb)
Rough Weight	Approx. 5.9 kg (13 lb)
Accessory	1 × AC power cable 1 × adapter 1 × battery 1 × safety rope 1 × screwdriver 1 × 10-core main aviation cable

Note:

- Battery life is affected by environment and device configuration. In general condition, the battery capacity will reduce after one-year usage.
- About 9-hour working time in standby status when 4G, IR, Wi-Fi, PTZ, and storage are disabled.

Typical Application

