
User Manual of 4G Rapid Deployment PTZ Dome Camera

Product Introduction:

4G high-definition IP PTZ camera is a comprehensive, easy to carry, integrated wireless camera for emergency. The high equipment integration, built-in high-performance lithium battery pack, waterproof, anti-shock and other characteristics, can meet meet the special demands of temporary installation and rapid installation. When performing a task, the equipment can be temporarily placed in the location that need to be monitored or be adsorbed on the vehicle directly; after task, it can be easily removed. This equipment is widely applied for law enforcement, investigation and control, security, emergency command, emergency repair, patrol line Management and other industries, such as public security, traffic police, firefighting, road, urban management, transportation, courts, prisons, forestry, electricity, water conservancy, environmental protection and other departments.

Product Features:

- 1) 1080P HD video, H.264/H.265 video encoding and dual streams.
- 2) Support 4G wireless network for remote monitoring and main stream & sub-stream are optional.
- 3) Built-in WIFI: supports WIFI Hotpot.
- 4) Built-in GPS module for precise localization.
- 5) Supports SD card storage up to 128G.
- 6) 360 degrees orientation rotation.
- 7) Focus fast and accurate, digital wide dynamic, "through the fog" mode optional.
- 8) Integrated design, high-suction magnet base, fast installation.
- 9) large capacity lithium battery-powered, working time> 8 hours.
- 10) Optional: equipped with intercom device to achieve wireless cluster communication.
- 11) With platform server, PC software and cellphone APP: CMSV6.

Product Operation:

Product checking before use:

- please check if the parcel is packed well without damage;
- After open the package, please check if it contains following items: if there any item be lost or be

destroyed during delivery, please contact the supplier:

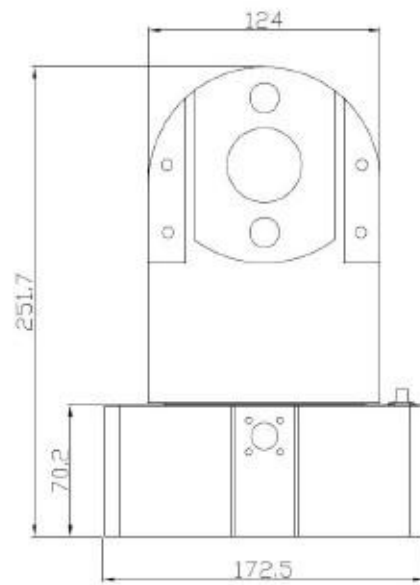
item	quantity
Ptz dome camera	1
3G/4G antenna	1
GPS antenna	1

Wifi antenna	1
Composite cable	1
12.6V 3A power adapter	1
1m Lan cable	1
Tripod and saucer	1
Warranty card	1
Equipment case	1

Product



Dimension: mm



Installation:

SD card and SIM card:

Remove the screw of the cover, screw in the auxiliary hole and pull out the waterproof cover, as shown in the following figure:



Please use the supplied L-shaped hexagon screwdriver to loosen the screw counterclockwise to pull out the waterproof cover in the screw hole in the middle of the cover with this screw.



number	interface	Function description	remark
1	SD card	Mirco sd card, gold finger up forward	
2	SIM card	Insert the standard size sim card with the chip facing up	

Antennas connection:

The device is with 3 external antennas: 4G, WIFI, GPS, the corresponding antenna will be twisted to the corresponding SMA connector (see silk screen logo).

Note: (other models with built-in antenna, please ignore this step)



Powering on:

Push the device switch button and it will self-test & start.

Note: Some models' switch placed is on the side, please note that print.



Note: Please note that in accordance with the identification of the corresponding antenna and then boot

Device charging:

Please use the random distribution of the composite line access PTZ, the use of original charger to insert the composite line DC interface:



Note: At room temperature, the equipment can work continuously for less than 10 hours (about 11.5 hours), but in different use of the environment, such as high, low temperature, ambient light intensity, etc. will have an impact on the equipment of the continuous working hours.

Specifications:

Item	Description	
Operation system	Linux	
Video	Video compression format	H.264/H.265
	Dual streams	Supports
	Resolution	1080P/720P/D1
	Preview	Real-time/recording video preview
Audio	Intercom device	optional
Storage	Local storage	One SD card up to 128G
Wireless network	4G	Built-in 4G module
	WIFI hotspot	Built-in WIFI module: 802.11b/g/n
Location	GPS	Built-in GPS module
Extended interfaces	RJ45 Lan port, RS485 series interface, power port	
1/1s ~ 1/30,000s Camera	Sensor	1/2.8" Progressive Scan CMOS
	Signal system	PAL/NTSC
	Minimum illumination	Color: 0.05Lux @ (F1.6, AGC ON)
	Day and night mode	ICR infrared filter
	SNR	> 52dB
	Electronic Shutter	
	Digital zoom	12x
	Resolution	1920x1080/1280*720 25fps/30fps
	White balance	Automatic 1/ automatic 2 / indoor / outdoor / manual / sodium lamp / fluorescent lamp
	3D noise reduction	Supports
	Optical zoom	20/30x
	Infrared LED	Up to 80 meters
	PTZ	PTZ protocol
Horizontal rotation		360 °
Vertical rotation		-15 °~90 °
Preset points		200
Power source	Battery	Large capacity lithium battery
	Charging time	<3 hours
	Working time	>8 hours
working environment	Temperature	-20℃ ~ +80℃
	Humidity	<90%
Size	Device	160*210mm
Weight	Net weight: 3.5kg; Gross weight: 10.5kg	