

6 Inch 5MP 20X Auto-tracking WiFi 4G LTE IP PTZ Cameras

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**LOYALTY-SECU 4G LTE Wire free Security IP PTZ Camera Outdoor, 20x
Optical Zoom 5MP, Two-Way Audio and IP66 Waterproof, Long Range
Infrared Night Vision up to 200M (656ft)**

LY-H6-520WG

1.Selling Points

- i. **4G/LTE WiFi Solution:** 4G 5MP PTZ camera allows users to setup surveillance devices in locations without WiFi coverage through 4G/LTE data plan (micro 4G sim card is not included), meanwhile, it supports to setup PTZ camera in locations via WiFi network, when there has poor 4G signals coverage.
- ii. **6inch 5MP Pan Tilt Zoom IP Camera:** H.265 6-inch LTE IP PTZ dome camera, full HD 5MP video resolution with 20X zoom.
- iii. **Smart Tracking Makes Surveillance Effective:** This security PTZ IP camera is able to distinguish between people and animals, reducing 95% false alarms caused by rain, leaves, and insects. It can automatically follow the people's movement and intelligently return to the original guard position until the human leave monitoring area, giving your family and property more protection without missing some important details. Meanwhile, our network PTZ dome camera is powered by the high speed motors to deliver enhanced smooth tracking experiences.
- iv. **Pan Tilt Zoom Capacity:** Support continuous 355°pan turning, 90° tilt turning; 4.7-94mm lens, 20X Optical Zoom. The pan and tilt movements can be controlled in real time via the APP "CamHi". It also supports to start the cruise function via setting the presets via the APP.
- v. **Day/Night Switch:** 6pcs IR Array LEDs + 4pcs Laser LEDs, Intelligent Auto Switch, IR-Cut True Night Vision up to 200M (656ft). It is able to see up to 200M (656ft) away from the camera with a switchable low beam/high beam LED set at night starlight vision in response to different levels of zoom.
- vi. **Remote Live View & Playback:** Use APP CamHi to remotely check live video streaming. The PTZ camera also supports TF card extension up to 128GB (Micro SD card is not included) where users can select to put on for device-end video storage.
- vii. **Outdoor Monitoring & Two-way Audio:** Outfitted with industrial-level IP66 waterproof shell to tackle extreme weathers and two-way audio function allows people to talk to the person at the camera's end through APP CamHi.

2. Brief Introduction



6 Inch 5MP 20X Auto-tracking WiFi 4G cellular IP PTZ Cameras

4G LTE wireless security camera systems are ideal when there is no option for a point-to-point wireless system or hardwired broadband connection, but cell service is available. If you have cell phone service at your project location, you will most likely be able to use 4G LTE cellular communications to access your video system. Our high gain 4G antenna systems maximize signal strength.

Our cellular video solutions have a proven track record of withstanding the most demanding applications and harsh elements in outdoor and industrial environments. Ruggedized 4G LTE cellular routers and power supplies have a certified temperature operating range of -20°C to $+60^{\circ}\text{C}$

3. Features

- i. H.265 video compression, 2520*1944, 20x optical zoom, 4.7-94mm lens
- ii. High speed pan tilt zoom with Horizontal: 0-360 Degree, Vertical: 0-90 Degree
- iii. 6pcs IR Array LEDs+4pcs Laser LEDs, long range infrared LED night vision up to 200M (656ft)
- iv. Support any brand NVR with ONVIF protocol
- v. P2P mode, Plug & play, support to QR code scanning to view on iPhone and android phone via APP CamHi
- vi. Two-way audio with built-in mic & speaker allow users to speak with anyone on the camera's end through smartphone app with warning decal for compliance purpose.
- vii. Industrial-level IP66 waterproof shell with an operating temperature rating at $-20\sim 60^{\circ}\text{C}$ to

tackle extreme weathers.

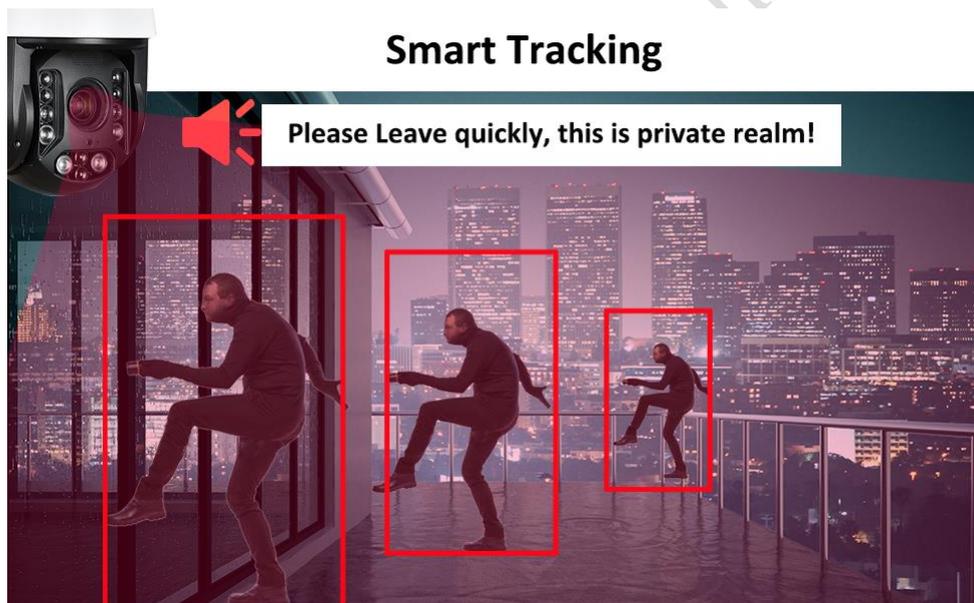
- viii. Support different network mode connection: Auto mode/3G-4G mode/WiFi mode

4. Other Features

4.1. Secure Every Movement

The 4G PTZ camera with humanoid detection alert tracking function, when a movement been detected in front of the camera, the user will receive a push message from the smart phone, meanwhile, as the 4G PTZ camera with a built-in microphone and speaker, it will trigger the sound and light alarm function, warn the objects get out of the monitoring area. User also can check the live video immediately, how it came to this detection. It is also very important to determine how good the LTE reception is on site.

The sound and light alarm function, humanoid detection auto tracking function can be turned on or off via the APP, this will be more convenient to meet the actual monitoring demands.



4.2. How does the 4G PTZ Camera connect to mobile network?

The 4G PTZ Camera equipped with a built-in LTE router, after installing a SIM card, it can connect to the mobile network directly for data transmission. Users can purchase the SIM card from the local telecom operators.

Regarding the tariff charge of a 4G PTZ Camera, normally the minimum cost for 1GB per month

about \$3-\$5/month, with this economical tariff, users can receive the live videos for about 10 minutes per day. For 4GB you get the livestreams for 20 minutes a day. If you just want to see if everything is alright, 5 minutes a day is enough.



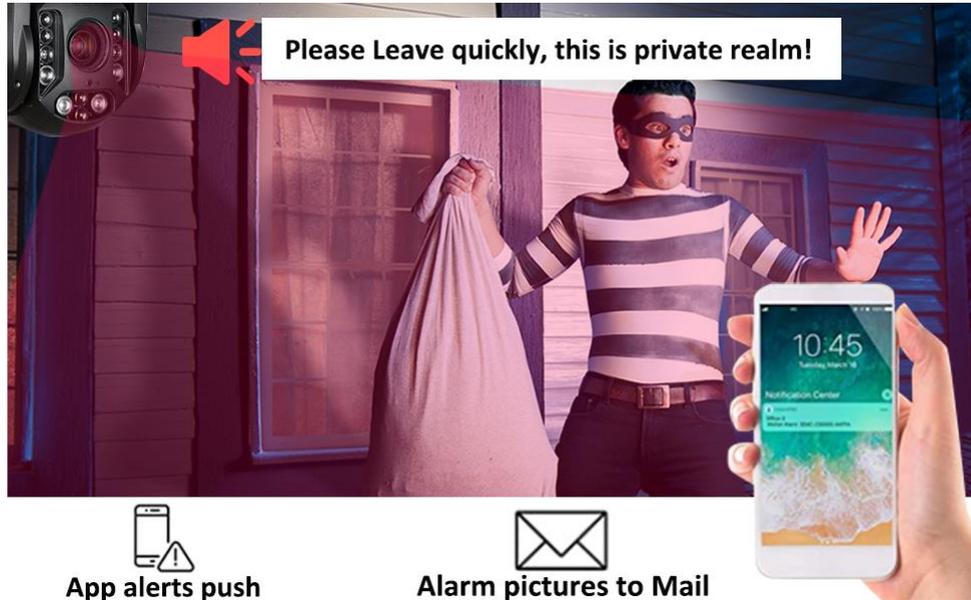
4.3. Dual Audio Solution

PTZ IP camera comes with built-in mic & speaker allows users to speak with anyone on the camera's end through smartphone app with warning decal for compliance purpose.



4.4. Get Notified with Smartphone

Remotely watch live view & playback and control PTZ/Preset through APP CamHi (iOS & Android) with alarm message pushed. Alarm pictures will be sent by Email; meanwhile, pictures and videos can be uploaded to the FTP server



4.5. Excellent Video Quality Even at Night

The 4G PTZ Camera with 6 pcs high quality array LEDs +4 pcs laser LEDs which brings an excellent IR night vision at 200m. Moreover, the videos displayed in infrared lighting only appear black and white. If you also wish to get the color night vision, there need to install the white light around this PTZ Camera.

Excellent Night Vision



4.6. Smart Automatically Patrol

Support preset cruise points, time and speed-patrol in the monitoring zone you cared!

Patrol: Up to 4 patrol groups;

Preset: 10 presets per patrol group

Patrol time: Adjustable

Our PTZ Security Camera supports "Cruise" and "Auto Tracking" simultaneously!

Secure your cares through both Cruise and Auto Tracking

- i. When there is no human movement detected, the PTZ security camera will cruise according to your preset trajectory.
- ii. When there is human detection, this network security camera will auto tracking the human until the human disappears in the field of view. Then it will resume cruise.

Intelligent Automatically Patrol



4.7. Waterproof IP66 & 4000V Thunder-proof

The security outdoor camera is equipped with an IP66 rated weatherproof metal shell and supports **4000V Thunder-proof**, designed to operate the security PTZ camera even in some real extreme weather conditions.



4.8. Support Local storage and playback

The 4G PTZ Camera with the latest H.265 video compression format, that means even you need a 1 day * 24 hours continuous recording, only 10GB a day @1080P recording.

Meanwhile you can play videos via your mobile phone APP directly, in addition to play back the videos, it also allows you to perform the pan and tilt functions of the PTZ camera, as well as the zoom function.



5.What's Included?

Manual, Camera, Wall Bracket (default), a 12V 4A adapter and installation screws.

6.Specification

Camera	
Model	LY-H6-520WG
CPU	H3516EV300
Sensor	1/2.8" Sony CMOS IMX335
Resolution	2592(H)x1944(V)
Pixel	5MP
Auto-Tracking	Humanoid Detection and Alert Auto Tracking
APP	CamHi
Lens	20X Zoom (4.7~94mm)
Minimum Illumination	0.01Lux
Day/Night Mode	Support IR-cut
IR Distance	200M
Storage Function	Support 256G TF card max
Motion Detection	4 separate test areas can be set (Sensitivity can be set)
Alarm Linkage	Send pictures by Email; pictures and videos uploaded to the FTP server;
Manual Speed	0.5-100°/S
Preset Speed	100°/S
OSD	OSD name, time, date, information overlay
Video Processing	Support H.265/H.264
General	
Network Interface	1 RJ45 Ethernet interfaces ,10/100M self-adaption; Support: CP/IP,HTTP,TCP,ICMP,UDP,ARP, IGMP,SMTP,FTP,DHCP,DNS,DDNS,NTP,UPNP,RTSP
Band Information	WiFi AP: 802.11/b/g/n China: B1/B3/B8/B38/B39/B40/B41 Europe/African/Asia:

	B1/B3/B7/B8/B20/B38/B40/B41 North/South American: B1/B2/B4/B12/B13WCDMA: B1/B8 TD-SCDMA: Band 34/39 GSM/GPRS/EDGE: 900/1800 Band can be customized
Presets	256
Audio Interface	1 input / 1 output
Cruise/ A-B Scan	4 groups/1
Preset Number of Cruise Groups	10 preset/ groups
SSID	SSID can be set to hide or open, SSID name password can be modified
Breakage self-test repair	Support, When the device fails to go offline on the public network, it is detected every 2 minutes and the connection is automatically reconnected.
IP Address	Support static IP and dynamic IP (DHCP)
Motion detection	Support
Email alert	Support
FTP upload	Support
Waterproof Grade	IP66
Lightning Protection	4000V
Working Temperature	(-20°C ~ +60°C)
Power Supply	12V 4A
GW	3.9KG

7. Product Dimension

