Guardian Shield 4G

3MP 4G Wi-Fi Camera
PLC-HS304-TB-4G

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Specifications:

Product Models	**PLC-HS304-TB-4G**
Form Factor	PT Camera
Product Colour	White /black (optional)
Antenna	External antenna*2
Materials	ABS + PC + Anti UV + antifoaming V0
Surface Finishing	matte face
waterproof level	IP66
Dimension(L*W*H) (mm)	148*110*138mm
Hardware solution	T31ZL+SC3338+4G LTE
PIR Sensor Detection range	10 meters, 110 degrees
PIR Sensor Sensitivity	High/medium/low, default medium;
Lens	3.6mm, F2.3
Viewing angle	D:92°*H:77°*V:42°
Image circle	Ø6.9, 1G3P
Dimension	M12*22.9mm ;
Camera Sensor type	SC3338
Camera Sensor Resolution	2304*1296 Pixel
Night Vision	10M distance（850nm）
IR-LED & White LED	4pcs 3030(IR led + white led）*0.5W /10m（λ=850nm）White light colour temperature ≧ 6000K
Photosensitive	Ø3, 550nm
Photosensitive threshold	Colour cut black : 0.8Lux ; Black Cut color : 8.5Lux
Working Indicator	Red &blue dual colour*1
Charge indicator	Red & blue dual colour*1
Mic	Sensitivity：≥-32±3dBm, IP66 waterproof
Speaker	Round built-in 8Ω/2W, IP66 waterproof
SIM Card	Nano SIM Card
TF Card	Max Support 128G
Button Switch	Reset*1, Button Switch*1
Horizontal angle	336°
Vertical angle	90°

Speed	high/medium/low, default medium;
Battery Type	2 pcs*21700 Lithium polymer battery
Battery Capacity	8600mAh/3.7V
Standby life	around 60 days；
working life	around 45days（10 times per day wake up/15S）
4G Standard	A7670E（EU Version）；SIM7600NA（US Version）
4G Network type	FDD/LTE-FDD
4G Support frequency bands	LTE-FDD：B1/B3/B5/B7/B8/B20
4G Version	CN/AU/EU/JP/US/ASEAN(Optional)
4G Maximum rate	Maximum downlink rate：10Mbps Maximum uplink rate：5Mbps
Power Supply	DC 5V 1A（5W）
Max. Charge Current	Max. 900mA
Standby Current	around 5mA；
Operational power consumption	200-300mA（Average 250mA）
Input port	TF Card*1, Sim Card*1Type C*1,Mic*1,PIR*1,
Output port	Speaker*1；
key type	Tact Switch*2
Indicator light	working red & blue*1； Charging red & blue*1
Audio Echo cancellation	Support
Audio Two-Way Talk	Support
Audio Start-up the bell	Support
Audio Rest the bell	Support
Audio Effective Volume	Indication tone 75dB @ 0.5m
Audio Compression method	AAC、G.726
Video Format	H.264+/H.265
Video frame rate	Day/Night： 15fps;
Resolution & frame rate	3MP，SD/HD Optional default SD；
Video playback	Event playback and cloud storage playback
IR turned ON:	Enable night vision view, infrared, ICR automatic detection
White turned ON:	Passive trigger: passive trigger at night, white light alarm mode;
System	Linux
Android	Android 4.3 above
IOS	IOS 9.X above
Mobile App	CloudEdge (ios10.0, android5.0);
Cloud platform	Amazon
Language	Chinese, English, French, German, Italian, Spanish, Japanese
Mobile APP	Support configuration/real-time browsing/screenshot/playback/intercom/volume/video adjustment/record/photo album/format SD card

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On line visitor	Support simultaneous online (up to 5 people)
Human Body Filtering	AI human shape detection
Detection Sensitivity	high/medium/low, default medium;
Type of Alarm	PIR trigger, low battery push, incoming call, message reminder, vibration reminder;
Sound the alarm	3S-sounds alarm Day）--event trigger
Remote control and monitoring	Support
Power failure memory	Support
Pairing	Scan QR Code
Live browsing	Open the mobile APP, activate the camera, and the drawing time ≤ 4 seconds
Cloud Storage	30 days free use
OTA upgrade	Support
Alarm recording time	15S/30S/60S optional in default 15S ;
Operating	Blue light Normally on
	Red light extinguish
Sleeping	Blue light extinguish
	Red light extinguish
Dial-in blue light/red light	Flicker quickly
Distribution network status blue light	Normally on
Update Status blue light/red light	Normally on
Disconnected status blue light/red light	Extinguish
SIM card not detected blue light/red light	Flash alternately for 0.5s
SIM card abnormality blue light/red light	Flash alternately for 2s
Charging Status	Red light Normally on
Full charge status	Blue light extinguish
Battery-free USB power supply	No support
Power key	Long Press 3S for On or Off
Reset Key	Long Press 5S for reset
Key time definition	Set the Time

Reset the device	Indicator status of normal connection: Red light always on -> Red light slow blinking > Red and Blue light alternately slow blinking > Red and Blue light simultaneously fast blinking > Blue light always on; The red light always on means it is connecting to the server; The red and blue lights flash alternately slowly, means the SIM card is detected; Red and blue lights flashing at the same time, means connecting to the operator's network; blue light always on, means connected network and server successfully.
Restart the device	Red light always on>red light flash slowly>Red and blue lights alternately slow blinking>Red and blue lights flash rapidly simultaneously->blue light always on
Broken networke	The device hibernates in low-power mode and tries to connect to the network again every hour. The indicator is off
Type-C USB Cable	1m
Solar Panel	5W， Type-C USB cable 3m
Screw Kit	Package bag stainless steel screw*4+Expansion plug*4
User Manual	English
Package	Pearl cotton invertor + cover plate, positioning sticker, colour box, carton;
Certification	CE-RED, ROHS, UN38.3
Temperature setting	working： -20～60℃, Humidity <95% Storage：-30～70 ℃, Humidity <95%