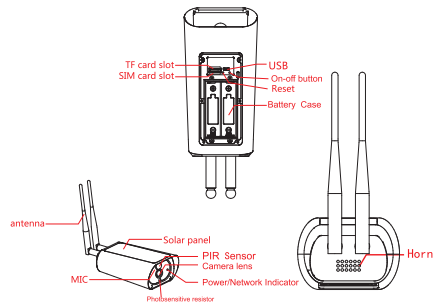# SOLAR

4G BATTERY WIFI IP CAMERA

USER MANUAL

Thank you for choosing our products! Please follow the below instruction to setup and using your camera device.

1.Products Description:

TF card slot
SIM card slot
USB
On-off button
Reset
Battery Case

antenna
Solar panel
PIR Sensor
Camera lens
MIC
Power/Network Indicator
Photosensitive resistor
Horn

2. Download and Install the App.

Open the **App Store** *(for iOS)* or the **Google Play Store** *(for Android)* on your mobile phone. Search for "i-Cam" or scan the following QR Codes to install the app to your device.

3.First time connect to device

Before you begin...
> Make sure the app is installed to your device.
> Make sure the current location has the device's operator 4G network coverage

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1.) Launch the Ubell app on your device and tap "**Add a device**" in "Device list" section.

2.) Select **Add 4G Device**
Note: If you have multiple cameras, only setup one by one.

3.) Before setup, please reset the device and wait the blue LED are light,
Tap "**Next**" to continue the setup.

4.) If the blue LED are not lit,please check the SIM card are insert correct , the antenna are already installed ,and 4G network are coveraged.

5.) Find the Device QR code on Device, then tap "**Next**" on the app.

6.) Wait for the device to configure the network.

7.) After the connection is successfully done, there will be a prompt asking for the device name and password. The password must more than 8 numbers.then select the location where you are.

8.) Setup completed! The APP will enterthe device list interface automatically. Congratulations! The device is ready for use.

4. Features

To change your device settings, tap "Device settings" icon in the device list section.(As below image shown)

Push mode

Silence - Mobile phone will not receive the notifications.

Notification - App send alert message to mobile phone when camera detected the movement.

Call in - It shows incoming call on mobile phone whenwhen camera detected the

Share QR Code

Send the QR code to share the device to your friends and family or someone that you want to share.

Delete camera

The mobile device will not receive the notifications after you delete the camera. But the camera still works and the other connected mobile devices still able to receive the notifications.
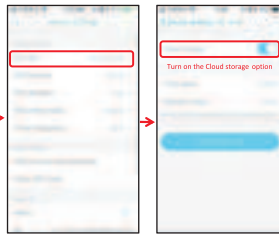
Cloud Storage

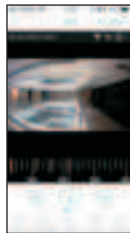You can choose the video events save to Cloud or SD memory card.

1.) Tap "**Settings**" icon in preview section to open "**Device settings**".

2.) Tap "**SD card**" and turn on the "**Cloud storage**" option.

Turn on the Cloud storage option

3.) After turn on the Cloud storage function, the "**Switch**" icon in the preview section will be changed to "**Cloud storage**"

4.) To playback the Cloud storage events, tap the "**Cloud storage**" to get the list.
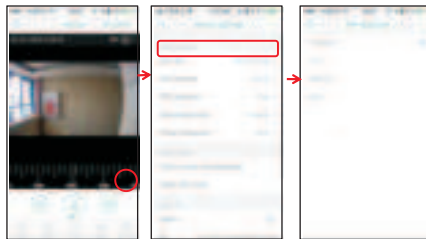Tap the "**Calendar**" icon at the right top corner to choose the date to lanuch the previous videos.

Note regarding Cloud Storage:
The device records and upload a 8-second video to cloud everytime when PIR detectd movements when camera sleeping Each device can upload 20 event videos to cloud every day; and free Cloud storage service provides one week of loop recording space and traffic for users.

The device supports PIR detection. Tap "PIR detection" to enter the submenus.

Disabled: Close the PIR function.

Low: The device will start to take videos and send an alert to the mobile device 7 seconds from the moment it detects a moving object. B133

Medium: The device will start to take videos and send an alert to the mobile device 5 seconds from the moment it detects a moving object.

High: The device will start to take videos and send an alert to the mobile device 1 second from the moment it detects a moving object.

Note: It is recommended to set the PIR detection at "Disabled" or "Low" to save battery power. And the camera only send one alert when it detected one event ,after camera sleeped it will

5. Special Notes!

1.) this device is powered by lithium battery and consumes about 250mAH of current every day. It is estimated that it can be used for 15 days if it is fully charged with 4000mAH. At the same time, frequent PIR wake-up will reduce the use time.The solar version device may need to be additional charging if there is no sunlight for 2 consecutive weeks.
When the battery power is low, there will be a warning/reminder from the App. Please charge the device immediately.

2.) in the installation , please ensure the 4G network coveraged of the SIM card operator used by the equipment. If 4G signal is weak, it is necessary to add 4G signal relay amplifier, or ask the SIM card operator to improve.

3. It is a delicated device with low power consumption design. Everytime the device is awakened, it'll work for 30 seconds. After that, the device will enter standy mode to save power.

6.Specifications

Model	Solar 4G Battery Camera (Low Power Consumption)	
DSP	Hisilicon Hi3518EV200	
Sensor	FHD 1080P COMS sensor 1/2.7PSS230	
Video	1920*1080/15fps 640*360/30fps	
Sensor mode	AWB, AE, Automatic backlight compensation, Digital wide Dynamic	
Day/Night mode	Photosensitive automatic switch Day/Night mode	
Night Distance	850nm IR ray, distance about 10 meters	
WiFi	Hisilicon Hi1131 Low Power Consumption Wi-Fi Moudle	
Lens	F=3.6mm, degree wide	
Battery	2*18650 Lithium battery , Solar Battery	
Battery Life	support about 10 day without sunshine	
Charging	Solar charging ,USB about 6 hours full charges	
Active mode	15S/30S/60S/Always	
Wifi configuration	QR code scaning	
system	Lite OS	
audio	Audio decode protocol	AAC and G.726
	MIC	°-38dB high sensitivity
Video	Video compressed format	H264
Network	4G	Support full band 4G,needs to choose the version
	Network	TCP/IP, HTTP, TCP, UDP, SMTP, DHCP, DNS, P2P
	SIM card	Nano SIM
	Events Alert	Support
	Keys	Power, Reset
Features	Status indication	Blue & Red LED
	Storage	Support TF Card 4GB-64GB
	Video playback	Time line and Cloud Storage
	Water proof	Ip67
	Full duplex intercom	Support
Environment	APP	i-Cam, ios10.0, android5.0
	Temperature	-10℃ ~+50℃
	Humidity	≤80%RH