



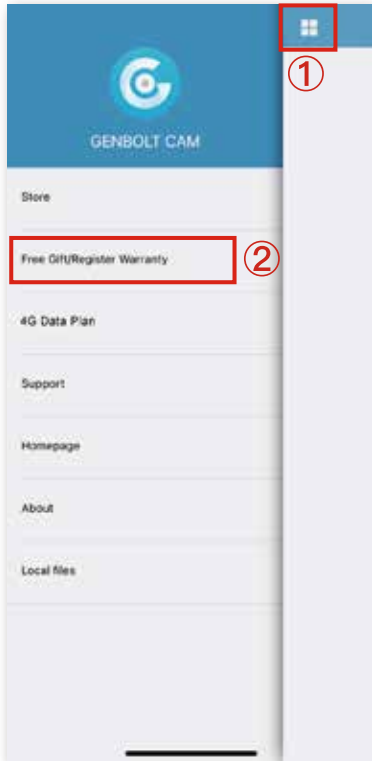
**Wi-Fi IP Security Camera System**

# **User Manual**

# Category

1. Warranty Registration .....	1
2. Camera Installation .....	2
3. Add Wi-Fi Battery in Phone APP .....	3
4. SD Card Setting .....	6
5. Video and Images Playback .....	7
6. Camera Time Setting .....	8
7. Camera Preview .....	9
8. PIR Alarm (Battery Camera Only) .....	10
9. Recording Schedule .....	11
10. Notifications .....	12
11. Use in AP Mode .....	13
12. Wi-Fi Environment Self-Checking .....	19
13. Q&A .....	21
14. FCC Warning Statement .....	23

# Warranty Registration



**GENBOLT offer all products with 1year warranty. Customers can visit official website to register and activate the extra 2 months warranty period without any charge.**

# Camera Installation

## 3 Steps to Install Camera Easily

1



Drill a hole in the wall

2



Expansion bolt need to  
inserted into the hole

3



Screws the camera to  
the wall

**\* Please pair the camera before installation.**

# Add Wi-Fi Battery in Phone APP

Scan the QR code to download the "GENBOLT CAM" app or search it from Google play or iOS store directly.



GENBOLT CAM



GENBOLT CAM

iOS Store



GENBOLT CAM

Google Play

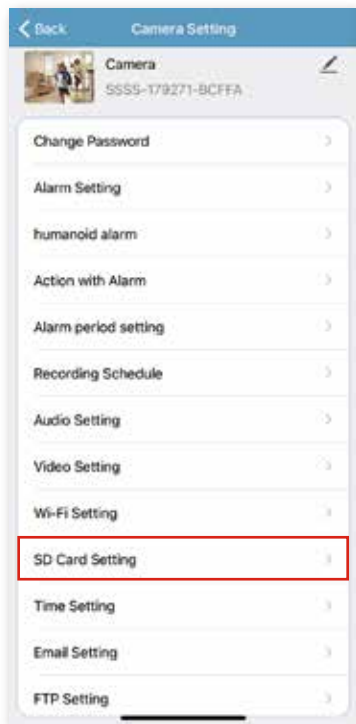
# Wi-Fi Battery (GB-216H/K/X/V)



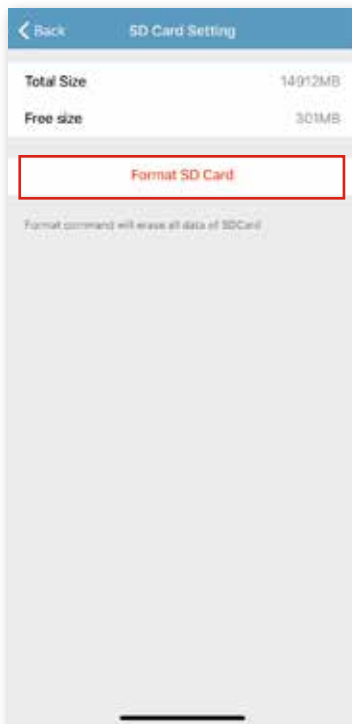
1. Turn on your phone Location. (for initial set up only, can close it later).
2. Making smart phone connect to wifi (2.4GHZ signal).
3. Power on camera > Enter APP > Add Camera > Add Camera by QR Code Scan > Input wifi password, Next step.
4. Show the phone QR code to camera lens > Search for the device > will show up camera uid automatically after scan success > Done.

# SD Card Setting

**\* Please format MicroSD card into 32 format in computer or through app before start to record.**



**Step1**



**Step2**

**Click the setting icon of camera > SD Card Setting > Format SD Card.**

# Video and Images Playback

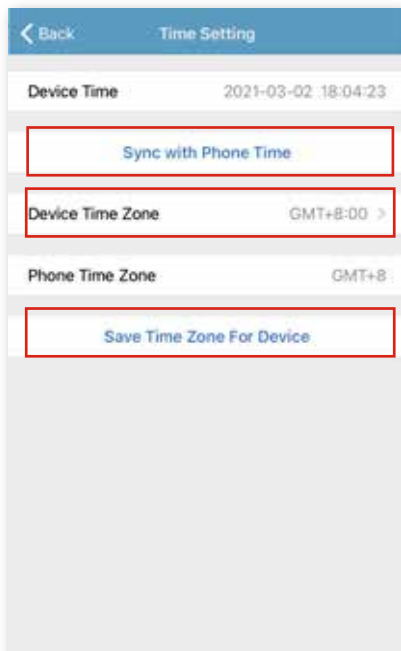
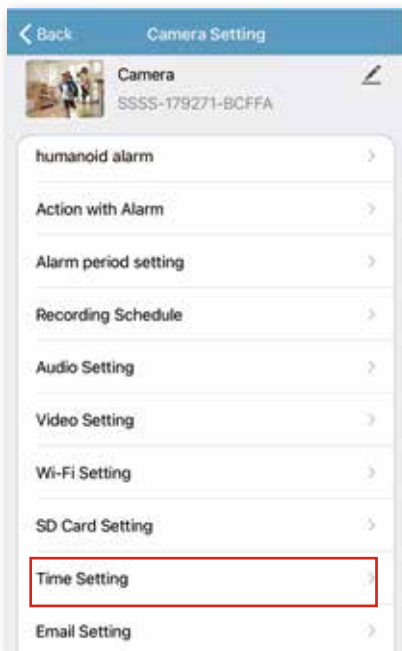


①Videos and images in SD card: Home page > Video, you can check all the videos and images saved in the camera SD card.

②Local videos and images: Home page > File folder, you can check all the videos and images downloaded from the SD card.



# Camera Time Setting



**Step1**

**Step2**

**Click the setting icon of camera > Time Setting.**

**Method A : Click Sync with Phone Time.**

**Method B : Click Device Time Zone > Select Device Time Zone > Save Time Zone For Device.**

**\* time different will be effect recording video file searching.**

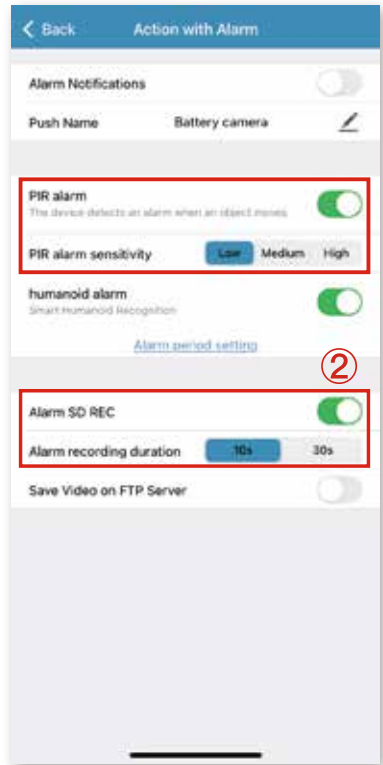
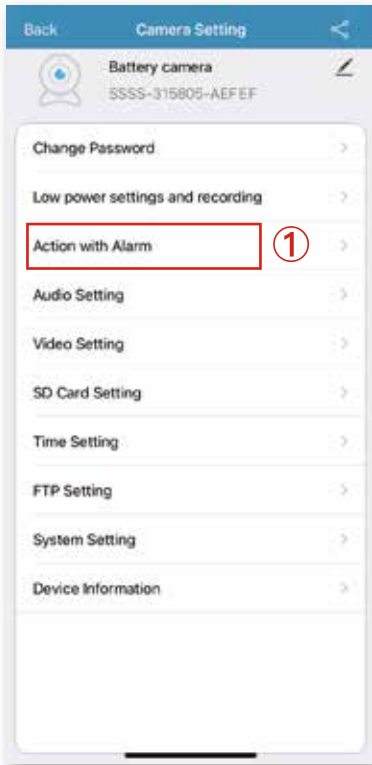
# Camera Preview



- ① Set Mirro and Flip
- ② Focus in and Focus out
- ③ Preset
- ④ Night mode: Color/Normal/Auto (Color and Auto mode only for floodlight camera)
- ⑤ Auto Tracking
- ⑥ OFF
- ⑦ Speaker
- ⑧ Snapshot (Saved in local file folder)
- ⑨ Record (Saved in local file folder)
- ⑩ Definition (HD mode higher definition than SD, but SD with smoothly video)
- ⑪ Control camera pan&tilt
- ⑫ Zoom in and Zoom out
- ⑬ Mic (Only for 2-way audio camera)

# PIR Alarm (Battery Camera Only)

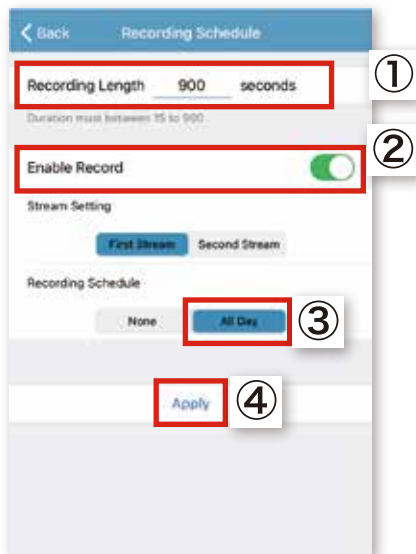
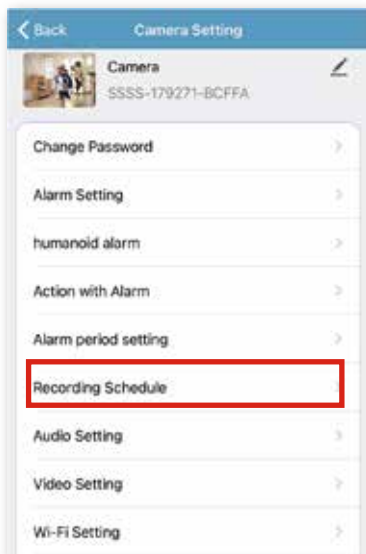
\* **Make sure camera inserted with a MicroSD card.**



① **Action with Alarm > Turn on PIR alarm** and adjust the detection sensitivity.

② **Turn on Alarm SD REC.**

# Recording Schedule



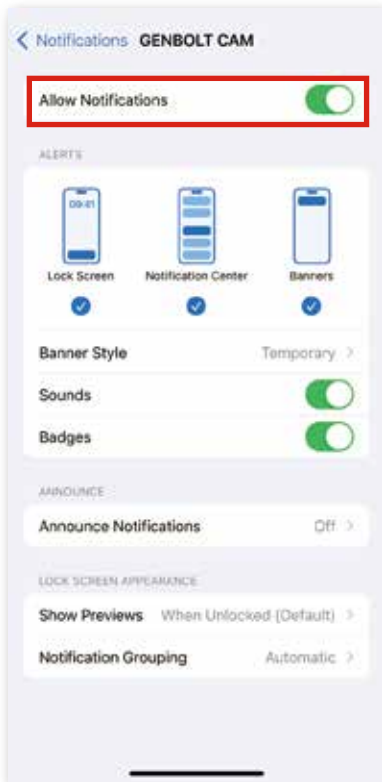
Click the setting icon of camera > Recording Schedule.

①: Setup videos files length (max length 900s).

②: Turn on Enable Record.

④: Apply.

# Notifications



**Step1**



**Step2**

Please allow GENBOLT CAM app push notifications in your phone settings.

Click the setting icon of camera > Action with Alarm > turn on Alarm Notifications.

**\* Notification need genbolt cam app always running.**

# Use in AP Mode

**\* Only for WIFI DC/POE cameras**

**AP Mode:** Camera will send out AP hotspot, mobile phone connect to this AP hotspot (like a wifi signal) to check real-time video and records on the MicroSD card. It works without internet connected. **The range is about 10 meters.**

**① Power on the camera**

**\* Press the reset button for 4 seconds and start AP mode.**

**② Camera hotspot will show up for about 1 minute. The AP hotspot name is "IPCAM..." (the part of "..." is the same as middle part of camera UID)**

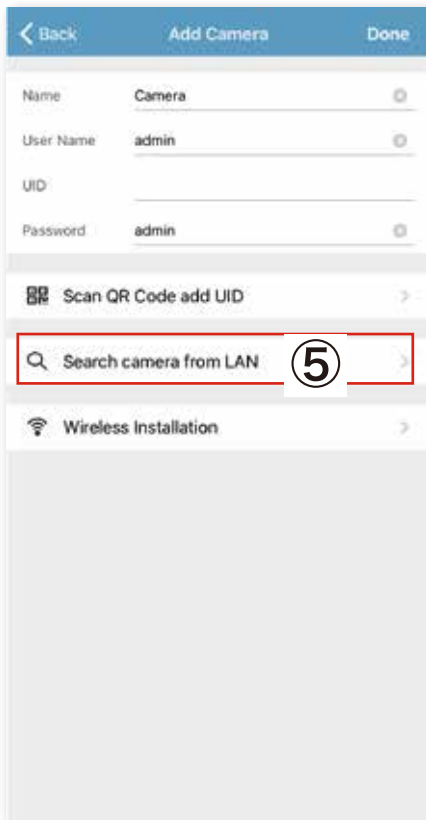
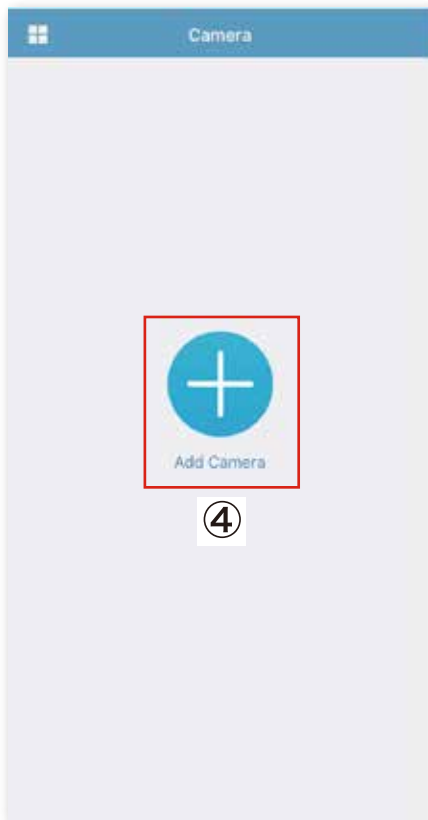
**\* If you use AP mode, please refer to page P44. Need to turn off the "Restart timer". Camera automatically restarts automatically once a week, to make sure stable performance. If no network connected, camera cannot aim at the correct time and return to initial time. The video will also be affected.**

③ Connect to "IPCAM ....." with your phone.  
The password is "01234567"



④ Click Add Camera.

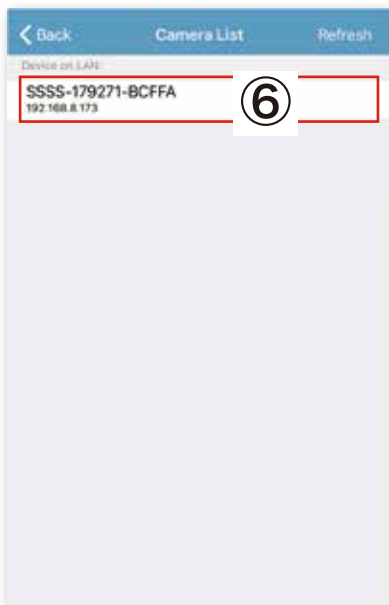
⑤ Click Search camera from LAN.





⑥ Click "Search camera from LAN".

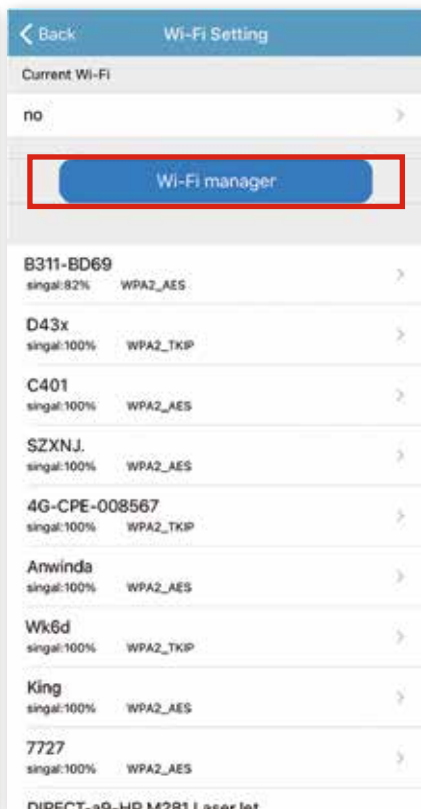
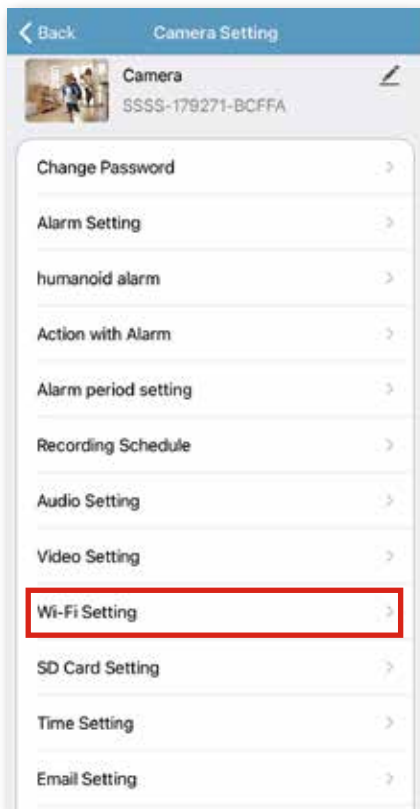
⑦ Camera UID will appear automatically > Done.



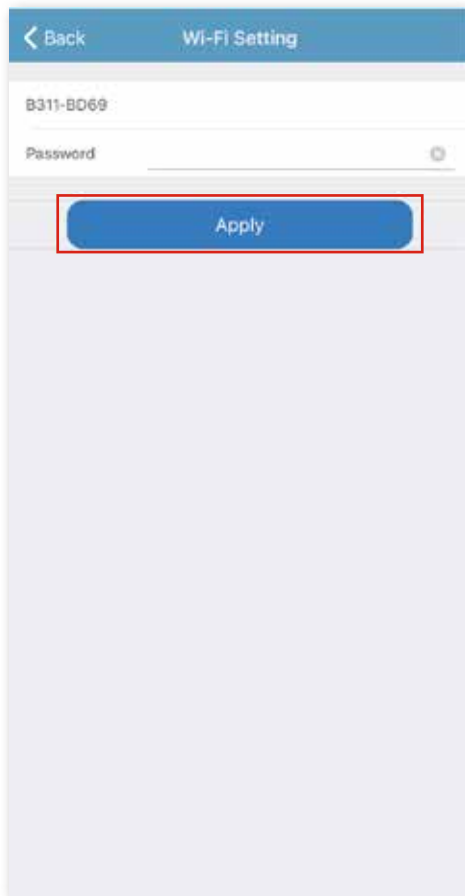
**\* AP mode completed until now.**

# Change to Wi-Fi Connection

- ① Click Wi-Fi Setting.
- ② Click Wi-Fi manager.



**③Select your wifi account and input wifi password  
> Apply. Wait about 1 min, the camera will online  
again, now this camera connected wifi, and you can  
remote control anywhere anytime.**



# Wi-Fi Environment Self-Checking

If you can't connect successfully, please set the Wi-Fi environment.

1. Check router bottom label, visit the IP address website and login.
2. Enable 2.4GHz at Wireless Settings, Select "WPA-PSK" or "WPA2-PSK" as Security Version and keep DHCP on.
3. Select "AES" or "TKIP" as Encryption type, DO NOT support "AES+TKIP".
4. DO NOT HIDE SSID.
5. Wi-Fi Password DO NOT include special symbol like #@\$%&\*.....

(Step1)



## (Step2)

**TP-LINK**  
TL-WPA8530

LED Logout Reboot

### Wireless

2.4GHz: ☒ **Enable Wireless Radio** 2.4GHz 5GHz ?

Network Name (SSID):  ☐ Hide SSID

Password:

Basic

Security: WPA/WPA2-Personal (Recommended)

Version: ☐ Auto ☒ WPA-PSK ☐ WPA2-PSK

Encryption: ☐ Auto ☐ TKIP ☒ AES

Mode: 802.11b/g/n mixed

Channel Width: ☒ Auto ☐ 20MHz ☐ 40MHz

Channel: Auto

Transmit Power: ☐ Low ☐ Middle ☒ High

**TP-LINK**  
TL-WPA8530

LED Logout Reboot

- Status
- Quick Setup
- Network
- Dual Band Selection
- Wireless 2.4GHz
- Wireless 5GHz
- Guest Network
- DHCP**
- DHCP Settings
- DHCP Clients List
- Address Reservation
- USB Settings
- RAI
- Forwarding
- Security
- Parent Control
- Access Control
- Advanced Routing
- Bandwidth Control
- IP & MAC Binding
- Dynamic DNS

### DHCP Settings

DHCP Server: ☐ Disable ☒ **Enable**

Start IP Address: 192.168.2.100

End IP Address: 192.168.2.199

Lease Time: 120 minutes (1-2880 minutes, the default value is 120)

Default Gateway: 192.168.2.254 (optional)

Default Domain: (optional)

DNS Server: 192.168.2.254 (optional)

Secondary DNS Server: 8.8.8.8 (optional)

Save

## Q&A:

**Q:** Why the time isn't correct that displayed on screen? Any effect?

**A:**Default time area is GMT+8.Please sync with your phone time or select your local time zone and save. While make sure your mobile phone time with 24H type.Time different will caused video files error.

**Q:** Too many useless motion detection alerts?

**A:**2 way to adjution:

- 1.Turn on Humanoid Alarm,this function only triggered by human.
- 2.Please set motion detection area and adjust motion sensitivity level.

**Q:** Why no recordings when events happens?

**A:**There are 3 different recording method:

1. Recording schedule;
2. Motion detection recording;
3. Both two at the same time;

Check which recording mode that you set. At the same time please check the camera time whether same with your phone time, the videos save with camera's time.

**Q:** I have a dual band router, 2.4ghz and 5ghz, will this work?

**A:**Firstly confirm your camera whether support 2.4GHz or support both 2.4GHz&5GHz. If only support 2.4GHz please operate connect to 2.4GHz wifi signal, if support both, any one signal you can connect. But if 2.4GHz camera operate connect to 5Ghz, the camera will offline when you unplug lan cable from wifi router.

**Q:** If you changed the new router and can not connect the camera.

**A:**Please make the new router network name and password same as old router, then the camera will connected automatically.

**Q:** How do I share the camera with my family?

**A:** Please log in camera settings, at top right corner click share menu to share this camera to other people. Or fill in UID and password manually to connect it.

**Q:** Does camera support other company 4G SIM card?

**A:** We recommend that you use the Genbolt 4G SIM card in case of APN compatibility issues.

**Q:** How do i refill sim card and check the data?

**A:** Add camera firstly then you will see 4G sign, click it go to refill and check the data.

**Q:** Can i stop to refill the sim card for months and refill again once i needed?

**A:** Yes, of course. but the sim card will expired in a year.

**Q:** How can i do if the weather is bad the solar panel recharge very slow.

**A:** Yes, the solar panel charge very slow in bad weather, you may adjust solar panel position to received more light, and also you can recharge it manually with USB cable.

**Q:** Does the camera support ONVIF and RTSP?

**A:** Yes , ① rtsp://IPaddress:554/11 ② ONVIF port is 8080  
③ HTTP port is 80

# FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## FCC Radiation Exposure Statement

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co - located for operating in conjunction with any other antenna or transmitter.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.



## GENBOLT TECHNICAL SUPPORT :

Email: [us@genbolt.com](mailto:us@genbolt.com) (US/CA/AU)

[uk@genbolt.com](mailto:uk@genbolt.com) (UK/FR)

[eu@genbolt.com](mailto:eu@genbolt.com) (Europe)

[jk@genbolt.com](mailto:jk@genbolt.com) (JP)

Call: +1 (778) 807-9710 (English)

050-5840-2687 (日本語)

Monday-Friday: 18:30-23:30 (CA/US)

Monday-Friday: 7:00-10:30 (Europe)

Monday-Friday: 11:30-20:30 (AU)



GENBOLT FaceBook

# WWW.GENBOLT.COM

Wi-Fi Battery Setup



English YouTube:  
[Youtu.be/YXMI6B5\\_oxc](https://youtu.be/YXMI6B5_oxc)

Wi-Fi DC/POE Setup



English YouTube:  
[Youtu.be/QF0mc2\\_JCXA](https://youtu.be/QF0mc2_JCXA)