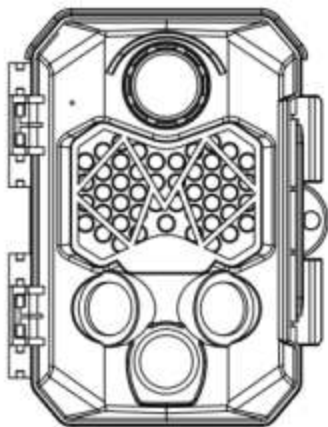# PH810T
Trail Camera

Instruction Manual

Download TrailCam Go Mobile APP

Android

iPhone

Before using the Wi-Fi functionality, please download the 'TrailCam Go' APP.

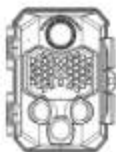TrailCam Go

English

Warranty

PACKAGE CONTENTS

1   1x WiFi trail camera

2   1x Type-C Cable

3   1x Stand Mount & Stand Support & 3x Bolts & Stoppers

4   1x Installation Belt

5   1x User Guide

6   1x 32GB Micro SD card（in the camera）

7   1x 10000MAH Lithium battery （Can be charged externally）

PRODUCT DIAGRAM
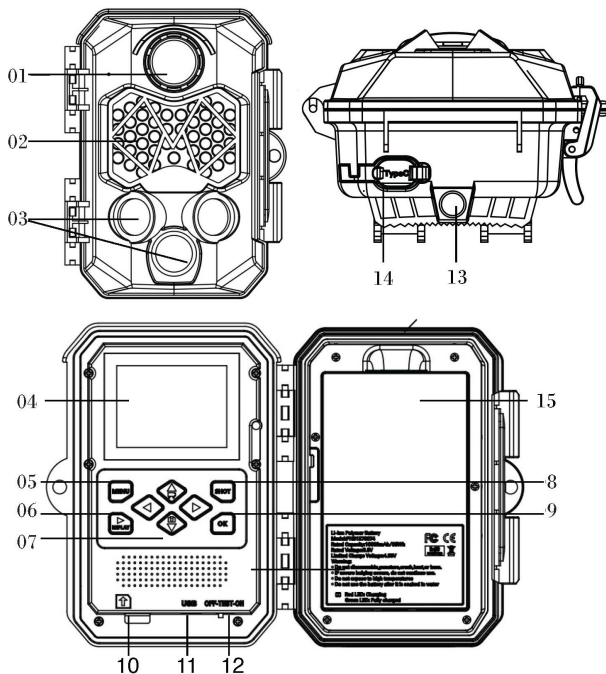
01. Lens

02. Infrared LEDs

03. PIR motion sensor

04. LCD screen

05. Menu button

06. Replay button

07. Navigation buttons

08. Shot button

09. OK button

10. Micro SD card

11. Type-C slot

12. Mode switch

13. Fixaton port

14. Power supply port

15. Battery

1. IMPORTANT NOTE
1.1. About Batteries

We use 10000MAH rechargeable lithium battery, the battery box can be removed from the camera, easy to replace, you can take home charging or plug in the camera bottom waterproof interface charging.

The battery charging interface is type-c, we are equipped with a type-c chaeging cable in the package, you only need to connect to the type-c power adapter to chaege Please use a type-c power adapter with voltage 5V and current 2A.

During the charging process, the battery case will have a red indicator, and when fully charged, the indicator will be blue.
It takes 6 hours for the battery to fully charge from 0 to 100
Remove batteries when the camera is NOT in use.

1.2. About SD Card

Require a standard-size micro SDXC/SDHC memory card (max capacity 256 GB, Class 10).

Recommend using SanDisk 32GB micro SDXC/SDHC Class10 memory cards in the camera to obtain the best cost performance.

Before use, please format your SD card in the camera in case your SD card may not work with your camera.

Please gently remove the protective films on the front of the camera to get the best performance, especially the protective films attached to the PIR motion sensor may cause promotion detection performance, even no capture.

1.3. About APP Wi-Fi Connection

Please refer to Section 8 for details. For better performance, we recommend that your phone is within 15 meters (45 feet) of your camera. Since there may be interference around, if the signal is not good, please move closer to the camera gradually.

2. INTRODUCTION

2.1. About the Camera

The PH310T is a new generation of Wi-Fi trail cameras. The camera has a built-in Wi-Fi and Bluetooth module, so you can connect and operate the camera through a dedicated APP ("TrailCam Go"). The Bluetooth module operates at low power and is used for device discovery, and Wi-Fi is used for preview, image transmission, and settings. The camera features all-new innovative and ultra-clear imaging technology, which encompasses smart night vision, blur reduction, and noise reduction technology to deliver high-resolution image quality.

2.2. Main Features

- Bluetooth connection for device discovery
- Wi-Fi connection for preview, playback, and settings
- High quality pictures (64MP still photos), 4K 30fps, 2.7K 30fps or 1080P 30fps video clips with audio
- Clear night vision, flash range of 65ft, the camera is equipped with 45pcs high performance infrared no glow 940nm LED that function as a flash (invisible to human and animal eyes)
- Wide120°Eviewangle-
- Easy to use/program with well-designed operation buttons and built-in 2.4-inc color screen, easy to program, review pictures and videos on the screen
- Two working modes - Motion detection and Time lapse
- Fast trigger time - approx. 0.2s, Fast recovery time - 0.2s, Long trigger distance up to 65ft
- Info strip on each capture: Date, Time, Temperature & Moon Phase
- Operation Hours, Loop Recording, Time Lapse, Password Protected
- Built for any climate - IP66, Operation Temperature: -4~140°F

- Support SD/SDHC/SDXC memory card, max capacity 512GB
- Extremely long in-field battery life of up to 12 months in a stand-by state with 10000MAH Polymer lithium battery

3. PARTS AND CONTROLS

The camera is equipped with 45pcs high-efficiency infrared LED, LED Indicators, Lenses, and PIR Sensors.

TIP : During use, if the black PIR Lens is dirty, it does not affect the performance. If you must clean it, please try to blow it off or pick out the dirt very lightly. Do not try to wipe it, which may cause more scratches. Due to the reliability design of the PIR lens, scratches do not reduce the PIR detection performance.

4. CAMERA OPERATION

Power/ Mode Switch

Power/ Mode switch has 3 operational modes: "OFF", "ON", and "TEST".

Power/ Mode Switch	Functions
"OFF" Mode	1. install/ replace the batteries 2. insert an Micro SD card 3. connect to an external device or a power source
"ON" Mode	1. Display the mode you set, count down 15 seconds and start working. 2. Can connect to mobile phone to view pictures 3. Can be connected to the mobile phone to set up the camera
"TEST" Mode	1. Set up the camera 2. Manual shooting -Press the UP key, then press SHOT to record videos. -Press the DOWN key, then press SHOT to take photo. 3. Connect the mobile phone to view pictures 4. Connect the mobile phone to set the camera, the camera does not monitor, it needs to be in ON mode to work normally.

5. Wi-Fi CONNECTION

5.1. Download TrailCam Go Mobile APP

Before using the Wi-Fi functionality, please download the 'TrailCam Go' APP.

NOTES:
The screenshots shown in this section are indicative only. The actual diagram on different versions of APP, iOS and Android may differ.
During the use of the TrailCam Go APP (Referred to as APP), please grant the APP access to Wi-Fi, Bluetooth, storage, location, and camera of your device, which were necessary for taking pictures, recording video, or enabling the Local Network.

5.2. Enable Wi-Fi and Bluetooth

Enable Wi-Fi and Bluetooth on your mobile phone before opening the APP. This step is optional, however it can speed up the connection between APP and camera.
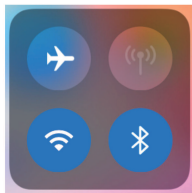
5.3. Add Your Camera

Make sure your camera is in ON mode, and that it is near you.
To get a stable connection, please get close to your camera no farther than 45ft away with no obstacles between you and the camera, such as walls, glass doors, etc.
Open the APP, and tap the "+":

My Devices +

(+)

Tap to add a device

Home   Map   Activities   Account
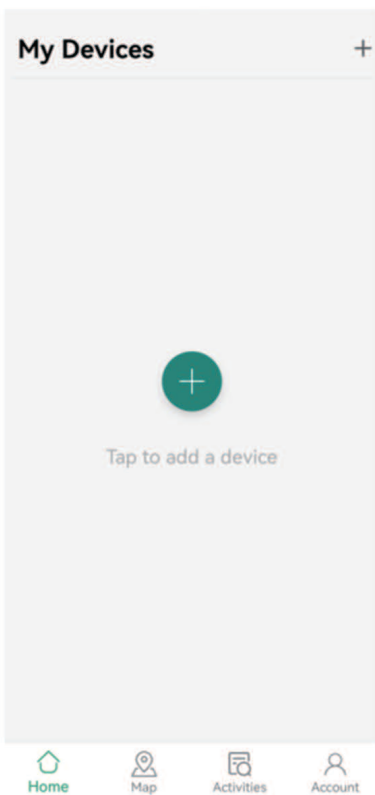
5.4. Select Camera Type

Please tap Wi-Fi camera.

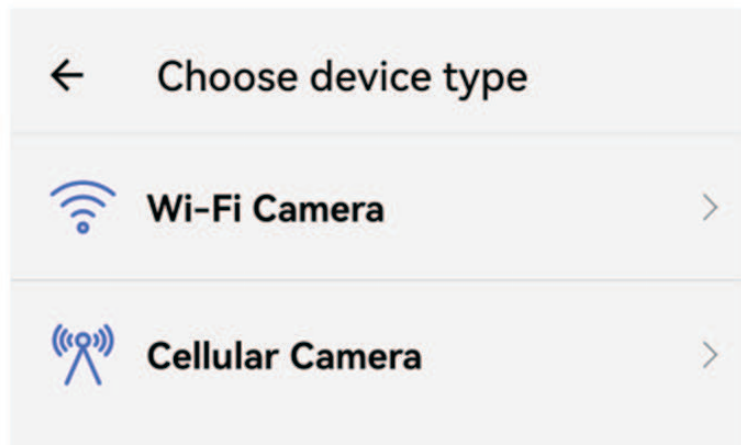The APP only supports Wi-Fi camera at the moment, and will be enhanced to support cellular camera in the future (sold separately).

5.5 Connect the camera

Make sure your camera is in ON mode and it is close to you no farther than 45ft away with no obstacles between you and the camera, such as walls, glass doors, etc.
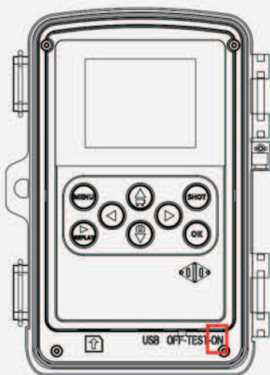
Make sure your camera is in ON mode
and it is close to you

NEXT
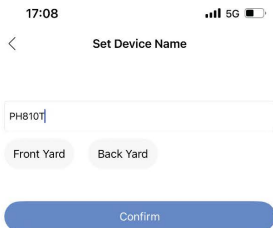
Follow the prompts to connect the camera, which may take up to 30 seconds. (The distance determines the connection time)
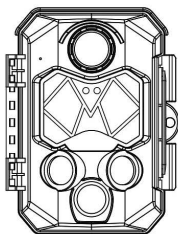
Connected

Done

You can name your trail camera so that you can differentiate it if you buy several cameras.

17:08   ‧‧‧l 5G 🔋

<   **Set Device Name**

PH810T|

Front Yard   Back Yard

Confirm

,   。   ?   !   、   ……

q w e r t y u i o p

a s d f g h j k l

⇧ z x c v b n m ⌫

123 ☺ 空格 换行

🌐 🎤
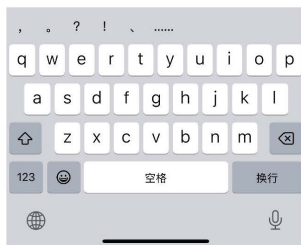
After adding the camera, you can mark where you put the trail camera in the "MAP". (You need to authorize access to your address information) This can only be used as a marker function, and does not have a GPS function, so be careful if someone takes your camera away.
The mobile phone enters the MAP of the APP, which can navigate to the location of the hunting camera for you.
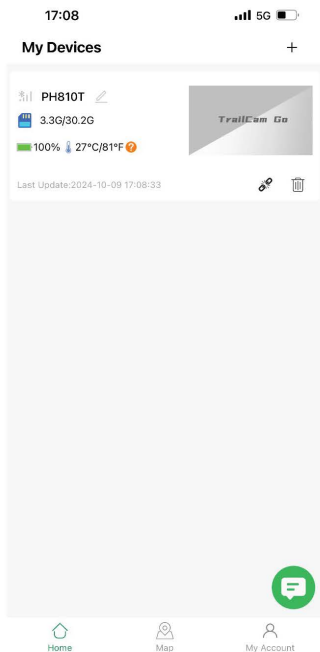
Motion Detection---Motion filter---ON/Off---ON---Detection zone---New area (The range can be-changed at will)---Save area

Intelligent detection area: Only when there is a trigger in the shooting area you set, will the camera work. (Can reduce false triggering)
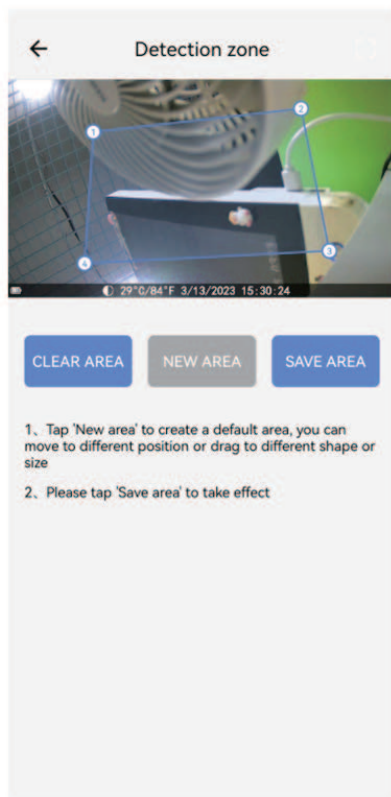
Click the PH820W-1(what you named this camera), it will bring up the following
page:
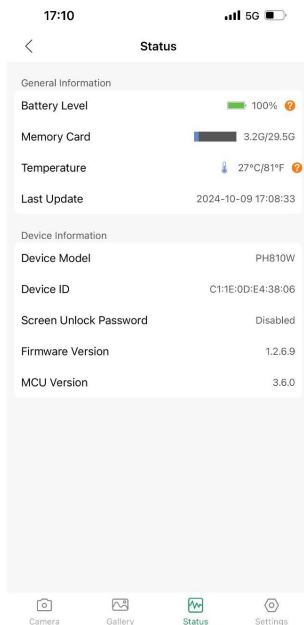
Camera: Preview, manually taking pictures or videos:It requires you to connect the
camera again.(When you connect to this camera, it will not automatically shoot.
Connecting the camera will consume more power)

Gallery: Review or download the pictures or videos the camera has taken.

Status: To view the camera information, you can click Customer Service, and you can send us customer service information directly after the authorized email. We will reply you within 24 hours.

Setting: After connecting the camera, you can set the shooting settings of the camera on the mobile phone. Display or program camera settings, such as mode, picture quality, etc.

5.6. Important Notes on APP Wi-Fi Connection

No.	Notes
1	When the camera's Wi-Fi is connected, the camera will stop SURVEILLANCE (motion detecting or time lapse). Disconnect Wi-Fi to enable the camera to go back to SURVEILLANCE mode.
2	On the phone device, when the APP is closed or runs in the background,
3	**When the APP connects to the camera, the BLUE light flashes**

6.ADVANCED SETTINGS :

Parameter	Settings (Bold =default)	Description
Mode	**Motion Detection;** Timelapse normal; Timelapse video	In Motion Detection mode, the camera will take photos or videos once triggered. In Timelapse normal mode, the camera will take photos, in Timelapse mode will take videos, periodically according to your preset "Timelapse Interval" parameter
Photo or Video	**Photo,** Video, Photo+, Video	Select whether still photos or video clips are taken.
Photo Quality	64MP,48MP,32MP 20MP,16MP,12MP, 3MP,4MP	Select a desired resolution for still photos. Higher resolution produces better quality photos but creates larger files that take more of the SD card capacity. Larger files require a longer time to write to the SD card, which will slightly slow the shutter speed.
Photo Burst	**01,** 02, 03, 04, 05	Select the number of photos taken in sequence per trigger.

|		
Video resolution	4K 2.7K 1080P 720P	Select video resolution (pixels per frame). Higher resolution produces better quality videos but creates larger files that take more of the SD card capacity.
Video Length	10 seconds, Optional from 5s to 10m	Select video recording length. Note: It is highly recommended to set the night video length to less than 30 seconds as the IR LEDs will consume more battery power.
Audio Recording	On Off	Selecting On will record video with sound.
Detection Delay	30 seconds, optional from 5s to 60m	Select the shortest length of time that the camera will wait until it responds to any subsequent triggers from the PIR sensor after a game is first detected. During the selected interval, the camera will not take pictures/videos. This prevents the SD card from filling up with too many redundant images. 0 means capture as fast as possible. Note: This option is invalid if the Mode is set as "Time Lapse".

PIR Sensitivity	High, **Medium,** Low	Select the sensitivity of the PIR sensor. Temperature affects sensitivity. The High setting is suitable when the ambient temperature is warm or you want to capture distant objects or capture more, and the Medium/Low setting is helpful in cold weather. Note: this option is invalid if the Mode is set as "Time Lapse"
Motion Test		This feature helps you aim the camera at your target area.
Loop Record	**On** Off	Selecting the On option will cause the oldest files to be overwritten with new captures when the SD card reaches its capacity. With the Off option selected, the camera will stop capturing images once the SD card reaches capacity.
Password	On **Off**	Set up a 4-digit password to protect your camera from unauthorized users. If the code is lost, you can contact customer support to reset the password.

Format SD Card	**On** Off	All files will be deleted after formatting the SD card. It's highly recommended that you format the SD card if it has been used previously on other devices. **Caution: make sure the wanted files on the SD card have been backed up first!**
Factory Reset	**On** Off	Selecting Yes will return all your previous settings back to the manufacturer's default.

7. INSTALLATION

If you want to put the camera on the wall.

1. Mark the installation position with the help of the metal plate and make holes in the wall.
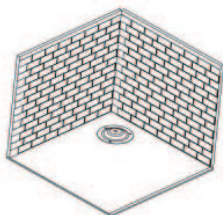
2. Put the white components in the holes.
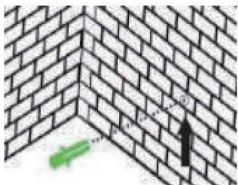
3. Fix the Fixation Kit by following the picture.
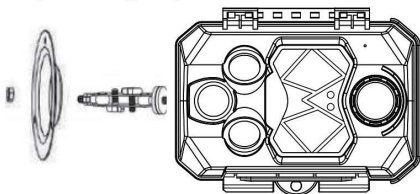
4. Put the camera at the position you have chosen and fix the camera with screws.
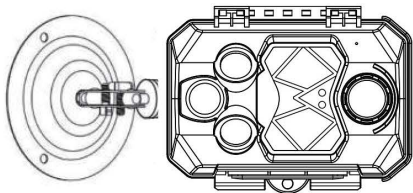
If you want to put the camera on a tree.

1. Pass the Installation Belt through the support on the back of the camera. If the Belt is too long for the tree which you choose, there are 3 holes on each side the support, you could pass the Installation Belt through several holes to shorten the belt.

2. Put the camera on the bottom of the tree.

3. Go to the other side of the tree, pass the belt through the buckles by following the picture.
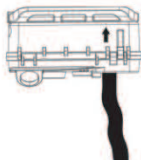
4. Adjust the position of the camera then tightens the belt.

5. If you afraid that the camera would fall, you could also use the Fixation Kit and the Installation Belt together to make sure that the camera is sturdily fixed on the right position.

8. PRECAUTIONS FOR USE

Please read all safety notes and helpful tips before using the camera.
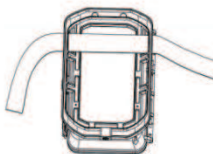
Safety Notes

1. The device is only designed for wildlife observation, hunting, and security monitoring. Do not use it for any other purpose.

2. Do not immerse the camera into water.

3. Do not disassemble the camera, please feel free to contact our customer service for help.

4. Do not use the different type of power source, it may result in fire or electric shock.

5. Always switch off the camera and remove the batteries after use.

6. Always disconnect the power supply during a thunderstorm/ a lightning.

7. Never subject the LCD display to heavy shocks, it may damage the screen and cause liquid leaking from inside. In case of contact with eyes or skin, rinse with plenty of water ASAP and seek immediate medical attention.

Helpful Tips

1. Place the device on an even surface or a stable stand. If you want to mount the camera on a tree trunk, install it using the premium-quality mounting hardware/ strap designed for this camera.

2. Operate the camera in a well-ventilated area.

3. To prevent damage, never subject the camera to heavy shocks and do not shake or drop it.

4. The device is not intended for use by children. Keep out of the reach of children.

Note:

1. Switch off the camera before inserting or removing the Micro SD Card. Do not insert or remove the SD card when the power switch is in the "ON" position

2. Before inserting the memory card, make sure the write-protect switch on the side of the Micro SD Card is "OFF" (not in the "Lock" position)

3. Camera only operates after installing a Micro SD Card

9.FAQ

If your camera does not seem to be functioning properly or if you are having photo/video quality issues, please check if you are using the latest firmware or app (the app is only applicable for the WiFi model), and check the Troubleshooting/FAQ section.

If your unit is still having trouble, please contact us at **support@viptrailcam.com**

Q: Camera won't power up

Make sure that you have installed eight batteries in the battery compartment, filling battery all spaces with no "gaps".Make sure that the batteries are installed correctly, observing proper polarity. Always place the negative (flat) end of each battery in contact with the spring side of its slot inside the camera. Or install the batteries again to check if the camera can power up.

We recommend using new Power adapter with type-c interface for 5V voltage and 2A current

It is not recommended to use power adapters larger than 6V because the high voltage they produce can cause breakdown of the power chip. The worst case scenario is that you may not be able to power the camera.

Q: Forget your password? How to reset the password?

Turn the power switch to "OFF" at first.

Then press the "UP" button and the "OK" button at the same time (Don't let go of your fingers) and turn the power switch to "TEST".

The password will be cleared automatically when the camera starts.

Q: The camera takes great daytime pictures, but nighttime pictures are all black.

Manually take pictures at low lighting place (such as a dark room indoors).

Review the pictures on the camera screen or your computer, if they are still all back, please check the status (by the "customer service" menu option), and send the version and the black pictures to our support email for further assistance.

Q: The camera takes continuous images of no subject

A camera has what is known as a "False Trigger" if the PIR sensor thinks that there is motion and heat in front of the camera lens when there is no subject in the image. These "False Triggers" are the result of placing the camera in an environment where there is motion associated with tree branches creating motion in front of the camera or an area where there is high heat in the foreground and any motion from wind could set off the camera. Setting a camera up over water is also a potential cause for this issue. To remedy this situation:

Try moving the camera to an area that does not have any of these issues or try changing the sensor level on the menu settings.

If the camera continues to take images when there is no subject in them, try placing the camera in an inside environment and aiming at a location where there is no motion.

If the camera continues to show issues, then there is probably an electronic component issue. If this is the case, please contact our customer service to send the camera back for repair.

Q: Battery life is shorter than expected

Battery life will vary with operating temperature and the number of images taken over time. Typically, the camera will be able to capture several thousand images before the batteries die.

Check to make sure you have used new batteries. We recommend using eight good

10. TECHNICAL SPECIFICATIONS

MAX Photo Resolution	**64MP**
MAX Video Resolution	4K(3840*2160)@30fps
File Format	**MP4/H.264**
Lens	Focal Length=4mm F/NO=1.6 View Angle=96°;Auto IR Filter
Display	2.4" TFT LCD
External Memory	Micro SD Card Up to 512GB
Internal Memory	Stack 256Mb DDR
Range of IR Flash	65 Feet (Below 77°F/25°C)
PIR Sensor S	High/Medium/Low
Temperature Compensation	yes
Detection Angle	120°
Triggering Time	0.2~0.6s
Shot Lag	5 Seconds to 60 Minutes, Programmable
Sequence	1-5 , Programmable
Video Length	5-60 Seconds, Programmable
Stamps	On/Off ; Includes Serial No; Temperature and Moon Phase
Target Recording Time	00:00 to 23:59 , Programmable

Password	4-Digits (Selects from 0 to 9)
Built-in Microphone & Speaker	Yes
Capture Mode	Color Images / Videos during Daytime; B&W Images / Videos at Night
Auto Power Off	Yes , After 2 Minutes of No Operation
Low Battery Auto Power Off /	support
PC Interface	TYPE C USB 2.0
Power Supply	1 X 10000MAH Polymer lithium battery 5V 2A TYPE-C Power adapter
Waterproof Rating	IP66
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Dimensions	5.3"x3.5"x3.0"

UK CA CE FC RoHS ☒ ♻

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.

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, and
(2) this device must accept any interference received, including interference that may cause undesired operation.
NOTE: This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.