TP-Link | tapo

tapo
Super Clear 3K 5MP

User Guide
Outdoor Pan/Tilt Security Wi-Fi Camera

Contents

About This Guide

This guide provides a brief introduction to the Outdoor Pan/Tilt Security Wi-Fi Camera and the Tapo app, as well as regulatory information.

Please note that features available in Tapo may vary by model and software version. Tapo availability may also vary by region. All images, steps, and descriptions in this guide are only examples and may not reflect your actual Tapo Camera experience.

Conventions

In this guide, the following convention is used:

Convention	Description
Blue	Key information appears in blue, including management page text such as menus, items, buttons and so on.
Underline	Hyperlinks are in blue and underlined. You can click to redirect to a website.
🔖 Note:	Ignoring this type of note might result in a malfunction or damage to the device.

More Info

• Specifications can be found on the product page at https://www.tapo.com.

• Our Technical Support and troubleshooting information can be found at https://www.tapo.com/support/.

• The setup video can be found at https://www.tp-link.com/support/setup-video/#cloud-cameras.
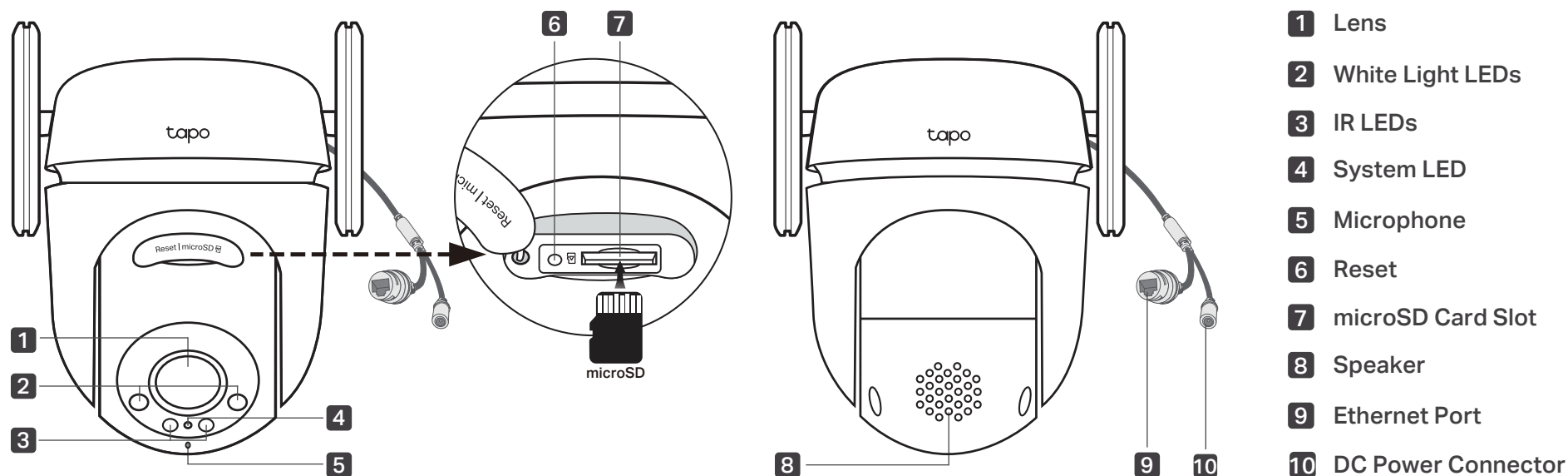
Introduction

Outdoor Pan/Tilt Security Wi-Fi Camera is a full-featured weatherproof security camera that you can access from anywhere. Receive instant notifications and check feeds when the motion is detected. Moreover, the automatic siren system will trigger light and sound to frighten away unwanted visitors after the camera detects motion.
Day or night, rain or shine, the Tapo camera protects what you love most.

- **Build to Withstand Water & Dust** – The Tapo camera is protected against jets of water and dust with IP66 weatherproof rating. It works well in rain, snow, dust, and heat.

- **360° Motion Tracking** – Provides 360° horizontal & 130° vertical viewing range, enabling you to focus on more vital areas and eliminate blind spots.

- **3K 5MP** – Now with 2.25 times more pixels than 1080p, providing clearer videos and photos..

- **Person/Pet/Vehicle Detection and Notification** – Smart AI identifies people, pets, and vehicles, notifying users as needed.

- **Local* and Cloud** Storage** – Save recorded videos to an installed microSD card (up to 512 GB)*, or use Tapo Care** cloud storage service.

    *microSD card must be purchased separately.

    **Subscribe for cloud storage at https://www.tapo.com/tapocare/

- **IP66 Weatherproof** – Offers excellent waterproof and dustproof performance for outdoor scenarios.

- **Customizable Sound and Light Alarm** – Records your customized audio as an alarm to extend your usage. Set to trigger a light/sound alarm when detecting activity.

- **Starlight Color Night Vision** – Equipped with an F1.6 large-aperture lens and starlight sensor, the camera captures more light and has higher photosensitivity, revealing colorful images even without spotlights on.

- **Two-Way Audio** – Communicate remotely with a delivery person in real time.

- **Multiple Installation Options** – Use the mounting screws, template and loops* to install on any wall, ceiling or pole for the perfect view.

    *Mounting loops purchased separately.

- **Wired/Wireless Networking** – Connect your camera to the network through WiFi or Ethernet for more flexible installation.

Appearance

1	Lens
2	White Light LEDs
3	IR LEDs
4	System LED
5	Microphone
6	Reset
7	microSD Card Slot
8	Speaker
9	Ethernet Port
10	DC Power Connector

Reset Button
Open the silicone cover. While the camera is powered on, use a pin to press and hold the RESET button to reset the camera.
• Press and hold for 5s: Reset Wi-Fi settings only
• Press and hold for 10s: Reset to factory settings

microSD Card Slot
Open the silicone cover and insert a microSD card*. Initialize it on the Tapo app for local recording.
*microSD card not included.

DC Power Connector
Used to connect to the provided DC power adapter

System LED Indication

Solid red	Starting up
Blinking red and green (for Wi-Fi setup)	Ready for setup
Blinking red slowly (for Wi-Fi setup)	Connecting to Wi-Fi
Solid amber	Connected to Wi-Fi or wired network
Solid green	Connected to the cloud
Blinking red quickly	Camera resetting
Blinking green quickly	Camera updating

Set Up Your Camera

Follow the steps below to get started with your new camera.

Step 1. Download Tapo App

Get the Tapo app from the App Store or Google Play, or by scanning the QR code below.

OR

Step 2. Log In

Open the app, and log in with your TP-Link ID. If you don't have an account, create one first.
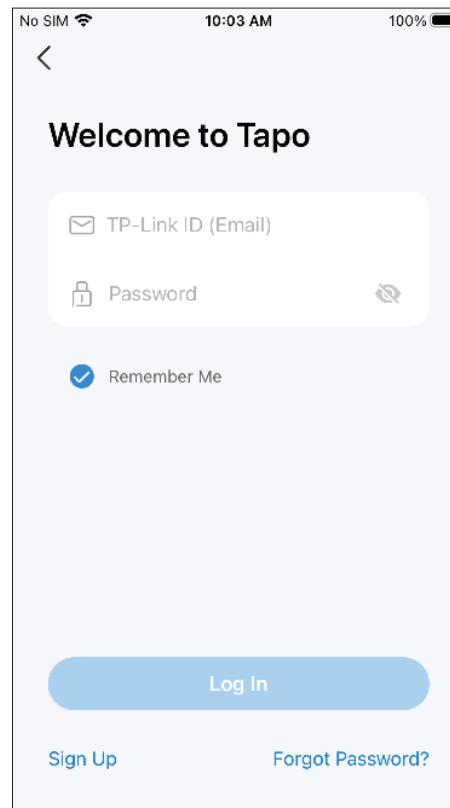
Step 3. Add Your Camera

Tap the ⊕ button > Add Device in the app and search for your model.
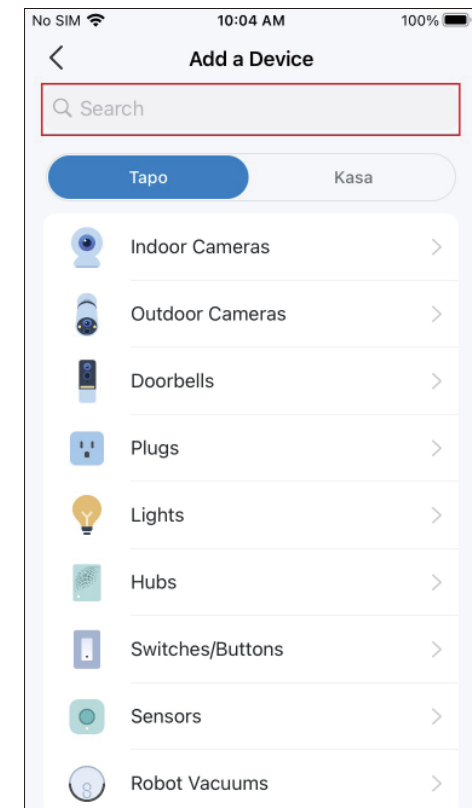
Step 4. Configure Camera

Follow app instructions to set up your camera via wired or wireless connection (for setup only), and add it to your home network. After setup, you can use your camera via wired connection or wirelessly.

Note: For Wireless setup, if your camera is connected to your router via an Ethernet cable, please unplug the cable first.

Install a microSD Card

Follow the steps below to install the microSD card for local recording.

You can go to Camera Settings > microSD Card in the Tapo app to check the card status or format your card.

1. Manually rotate the camera downwards. Open the silicone cover to find the microSD card slot.

2. Identify the direction of the microSD card and carefully insert the card into the slot. Push in the card until you hear a clicking sound.

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Reset | microSD

Reset | mic

microSD
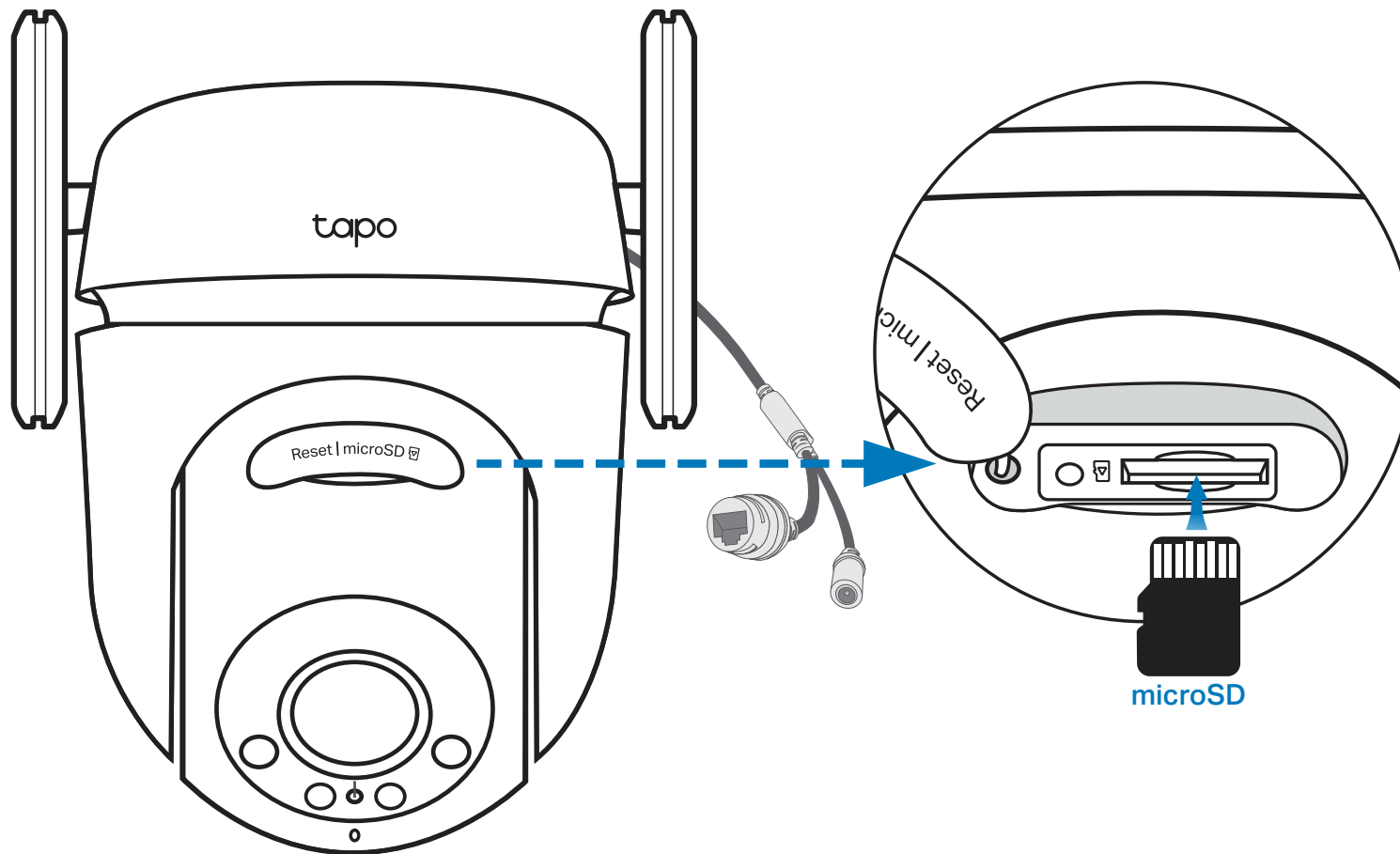
Mount Your Camera

When you finish adding your camera in the Tapo app, you can mount it on a wall or ceiling with the provided mounting template and screws. You can also mount it on the pole with mounting loops. Follow the steps below to mount your new camera.

⚑ **Note:** The camera is **not waterproof** when set on a table or shelf. Mount the camera via **Option 1-3** when installing outdoors.
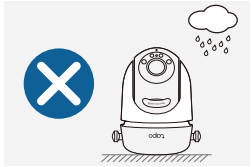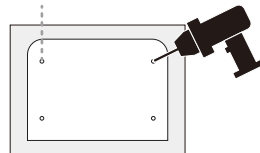
Option 1: Wall Mount

1. Affix the Camera and Bracket

Route the camera power cord and Ethernet cable through the opening of the bracket. Use two bracket screws to affix the bracket and camera.
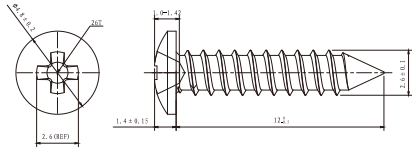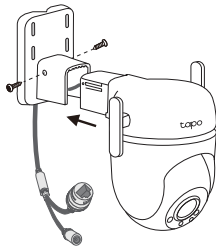
2. Drill Holes

Stick the mounting template to the desired mounting place. Drill four screw holes according to the template.
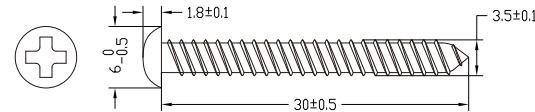
Φ=6 mm (15/64 in.)

3. Mount the Camera

Insert four mounting anchors into the holes, then use the mounting screws to affix the camera and bracket over the anchors.
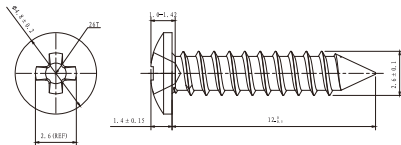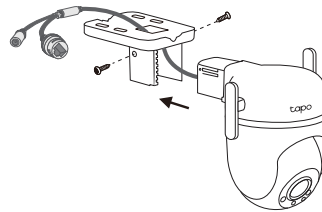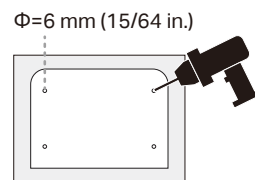
Note: Adjust the antenna vertically for the best Wi-Fi signal.
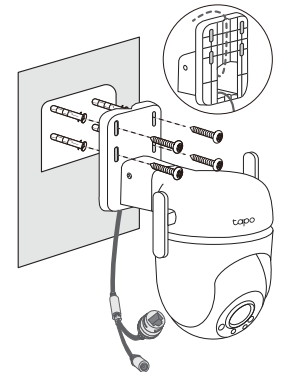
Option 2: Overhang Mount

1. Affix the Camera and Bracket

Route the camera power cord and Ethernet cable through the opening of the bracket. Use two bracket screws to affix the bracket and camera.

3. Mount the Camera
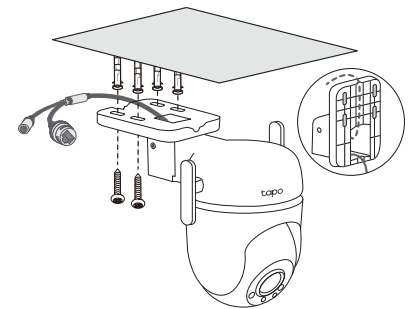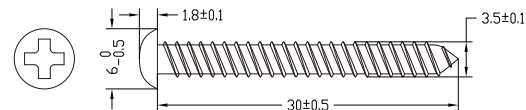
Insert four mounting anchors into the holes, then use the mounting screws to affix the camera and bracket over the anchors.
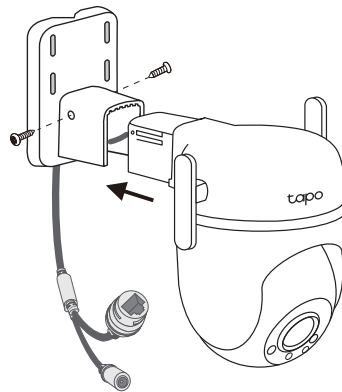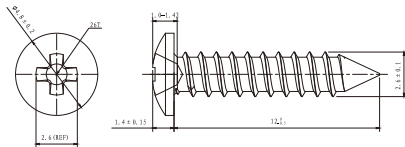
Note: Adjust the antenna vertically for the best Wi-Fi signal.

1.8±0.1   3.5±0.1
$6_{-0.5}^{0}$ 30±0.5

2. Drill Holes

Stick the mounting template to the desired mounting place. Drill four screw holes according to the template.

Φ=6 mm (15/64 in.)

Option 3: Pole Mount

1. Affix the Camera and Bracket

Route the camera power cord and Ethernet cable through the opening of the bracket. Use two bracket screws to affix the bracket and camera.
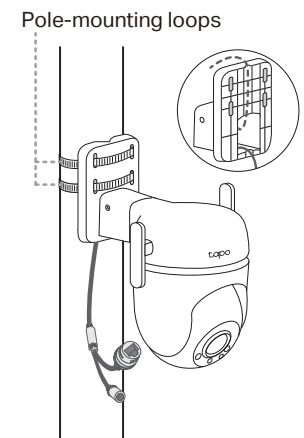
2. Mount the Camera

Mount the camera on the pole using two pole-mounting loops* (loop width ≤ 12mm).

*Pole-mounting loops are not included.

Note: Adjust the antenna vertically for the best Wi-Fi signal.

Pole-mounting loops

Install Waterproof Accessories

After mounting the camera, please install accessories to waterproof your camera outdoors. Make sure each part is securely attached and flush to keep out water.

Follow the steps below to install waterproof accessories.

1. Install Waterproof Seal for Power Connectors

Connect the camera to a power outlet using the provided power adapter. Install the waterproof seal for the power connectors when the camera is installed outdoors.

Male Power Connector   Waterproof Seal   Female Power Connector
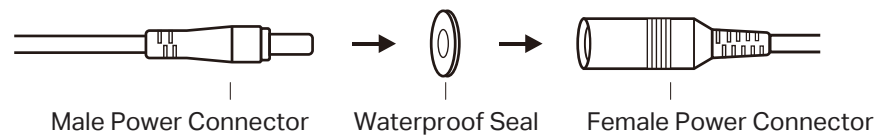
2. Install Waterproof Cable Attachments

- ### When the Ethernet port connects to a network device

Fix Nut Waterproof Waterproof O-ring Network
Ring Jacket Interface
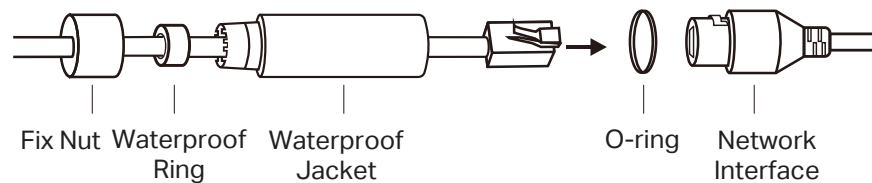
1. Route the network cable through the following components in order: fix nut, waterproof ring, and then the waterproof jacket.
2. Insert the waterproof ring into the waterproof jacket.
3. Fix the O-ring to the network interface of the camera and connect the network cables.
4. Attach the network interface with the waterproof jacket, then twist to lock. Rotate the fix nut to secure it to the waterproof jacket.

- ### When the Ethernet port does not connect to a network device

Fix Nut Waterproof Waterproof O-ring Network
Ring + Plug Jacket Interface
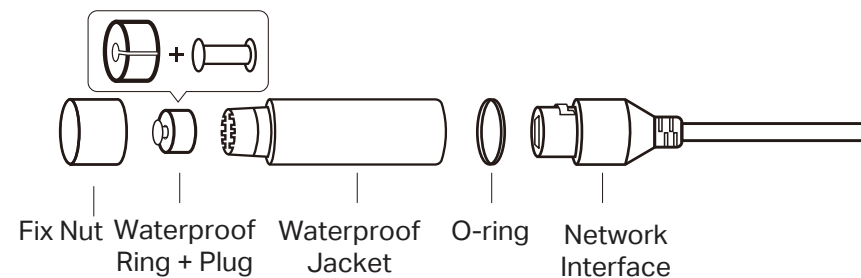
1. Insert the waterproof plug into the waterproof ring, then insert them into the waterproof jacket.
2. Fix the O-ring to the network interface of the camera. Attach the network interface with the waterproof jacket, then twist to lock. Rotate the fix nut to secure it to the waterproof jacket.

Authentication

CE Mark Warning

C€

OPERATING FREQUENCY (the maximum transmitted power)

2412MHz—2472MHz (20dBm)

EU Declaration of Conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of directives 2014/53/EU, 2009/125/EC, 2011/65/EU and (EU)2015/863.

The original EU Declaration of Conformity may be found at https://www.tapo.com/en/support/ce/.

RF Exposure Information

This device meets the EU requirements (2014/53/EU Article 3.1a) on the limitation of exposure of the general public to electromagnetic fields by way of health protection.

The device complies with RF specifications when the device used at 20 cm from your body.

UKCA Mark

UK Declaration of Conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of the Radio Equipment Regulations 2017.

The original UK Declaration of Conformity may be found at https://www.tapo.com/support/ukca/.

Korea Warning Statements:

당해 무선설비는 운용중 전파혼신 가능성이 있음.

NCC Notice & BSMI Notice

注意！

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前述合法通信，指依電信管理法規定作業之無線電通信。

低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

為避免本器材影像畫面遭偷窺或擷取，本器材使用者應先修改預設密碼，並定期更新密碼。

安全諮詢及注意事項

• 請使用原裝電源供應器或只能按照本產品注明的電源類型使用本產品。

• 清潔本產品之前請先拔掉電源線。請勿使用液體、噴霧清潔劑或濕布進行清潔。

• 注意防潮，請勿將水或其他液體潑灑到本產品上。

• 插槽與開口供通風使用，以確保本產品的操作可靠並防止過熱，請勿堵塞或覆蓋開口。

• 請勿將本產品置放於靠近熱源的地方。除非有正常的通風，否則不可放在密閉位置中。

• 不要私自拆開機殼或自行維修，如產品有故障請與原廠或代理商聯繫。

• 電源供應器应使用在环境温度低於或等於40℃的室內。

限用物質含有情況標示聲明書

設備名稱：戶外旋轉式防護 WiFi 攝影機 Equipment name	型號（型式）：TC43 Type designation (Type)				
單元 Unit	限用物質及其化學符號 Restricted substances and its chemical symbols				
	鉛 Lead (Pb)	汞 Mercury (Hg)	鎘 Cadmium (Cd)	六價鉻 Hexavalent chromium (Cr^{+6})	多溴聯苯 Polybrominated biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)
PCB	○	○	○	○	○	○

外殼	○	○	○	○	○	○
電源供應器	－	○	○	○	○	○
其他及其配件	－	○	○	○	○	○

備考 1.〝超出 0.1 wt %〞及〝超出 0.01 wt %〞係指限用物質之百分比含量超出百分比含量基準值

Note 1："Exceeding 0.1 wt %" and "exceeding 0.01 wt %" indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.

備考 2.〝○〞係指該項限用物質之百分比含量未超出百分比含量基準值。

Note 2："○" indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.

備考 3.〝－〞係指該項限用物質為排除項目。

Note 3：The "－" indicates that the restricted substance corresponds to the exemption.

Продукт сертифіковано згідно с правилами системи УкрСЕПРО на відповідність вимогам нормативних документів та вимогам, що передбачені чинними законодавчими актами України.

EAC

Safety Information

- Keep the device away from fire or hot environments. DO NOT immerse in water or any other liquid.
- Do not attempt to disassemble, repair, or modify the device. If you need service, please contact us.
- Do not use damaged charger or USB cable to charge the device.
- Do not use any other chargers than those recommended
- Do not use the device where wireless devices are not allowed.
- Adapter shall be easily accessible.
- Use only power supplies which are provided by manufacturer and in the original packing of this product. If you have any questions, please don't hesitate to contact us.
- This product uses radios and other components that emit electromagnetic fields. Electromagnetic fields and magnets may interfere with pacemakers and other implanted medical devices. Always keep the product and its power adapter more than 15 cm (6 inches) away from any pacemakers or other implanted medical devices. If you suspect your product is interfering with your pacemaker or any other implanted medical device, turn off your product and consult your physician for information specific to your medical device.
- Operating Temperature: -30 ºC ~ 60 ºC (-22 ℉ ~ 140 ℉)
- Adapter should be used indoors where the ambient temperatureis lower than or equal to 40 ℃.

Please read and follow the above safety information when operating the device. We cannot guarantee that no accidents or damage will occur due to improper use of the device. Please use this product with care and operate at your own risk.

Explanation of the symbols on the product label

Symbols may vary from products

Symbol	Explanation
□	Class II equipment
⊕	Class II equipment with functional earthing
∼	Alternating current
⎓	DC voltage
◇−C−◆	Polarity of output terminals
⌂	Indoor use only
⚡	Dangerous voltage
⚠	Caution, risk of electric shock
VI	Energy efficiency Marking
⏚	Protective earth
⏚	Earth
⏚	Frame or chassis

Symbol	Explanation
	Functional earthing
	Caution, hot surface
	Caution
	Operator's manual
	Stand-by
	"ON"/"OFF" (push-push)
	Fuse
	Fuse is used in neutral N
	RECYCLING This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment. User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.
	Caution, avoid listening at high volume levels for long periods
	Disconnection, all power plugs

Symbol	Explanation
m	Switch of mini-gap construction
μ	Switch of micro-gap construction (for US version) Switch of micro-gap / micro-disconnection construction (for other versions except US)
ε	Switch without contact gap (Semiconductor switching device)