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› VOOPEAK TC17-T 4G LTE Trail Camera User Manual

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Model: TC17-T

1. INTRODUCTION

The VOOPEAK TC17-T 4G LTE Trail Camera is a solar-powered cellular game camera designed for outdoor surveillance. It features 360° view capabilities, 2K night vision, and live streaming functionality. With a built-in SIM card and a 10400mAh battery, it offers continuous power and connectivity for monitoring wildlife, construction sites, or remote properties.

4G Cellular Trail Camera

Come with a [SIM Card](#), support Verizon, AT&T, T-Mobile Network
Please recharge amount of data after 100 RMB(7 days) cellular data is used up
Do [not support 5G](#) signal.
Support [SD card](#) (Not included) & One month free trial of cloud storage



Image: VOOPEAK TC17-T 4G LTE Trail Camera with its solar panel, designed for outdoor use.

2. SETUP GUIDE

2.1 Package Contents

- VOOPEAK TC17-T 4G LTE Trail Camera
- Solar Panel (integrated)
- Built-in 10400mAh Battery
- Pre-installed 4G SIM Card
- Charging Cable
- Mounting Accessories (Tree Mount, Screws)

2.2 SIM Card and SD Card Installation

The 4G SIM card is pre-installed. Ensure it is properly seated. A separate data plan subscription is required for each camera. For local storage, insert a Micro SD card (up to 128GB, not included) into the designated slot. Ensure the chip of the SIM card

faces the back of the trail camera.



Image: Illustration of the 4G Cellular Trail Camera highlighting SIM and SD card support.

2.3 Powering On and Charging

The camera is equipped with an integrated 6W solar panel and a 10400mAh battery for continuous power. Before initial use, ensure the camera is adequately charged, either via solar power or the provided charging cable. The solar panel helps maintain battery charge, extending operational time up to one year on standby.

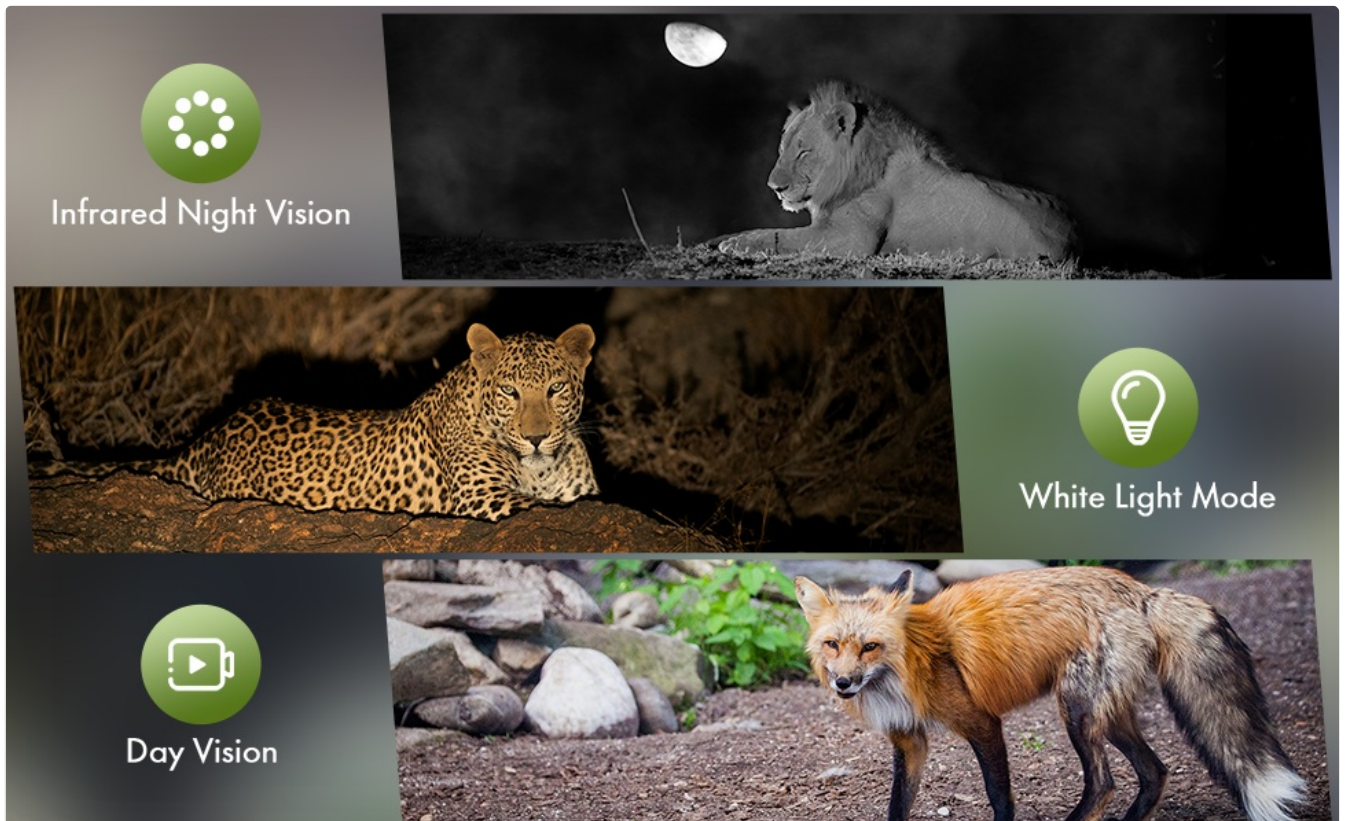


Image: The solar-powered trail camera mounted on a tree, demonstrating its charging capability from sunlight.

2.4 Mounting the Camera

Mount the camera using the provided tree mount and screws. Choose a location with clear line of sight and sufficient sunlight exposure for the solar panel. Ensure the camera is securely fastened to prevent movement.

2.5 App Installation and Connection

Download the dedicated VOOPEAK app to your smartphone. Follow the in-app instructions to connect your camera. Grant the app necessary permissions for notifications to receive real-time alerts.

3. OPERATION

3.1 Live Streaming and Pan/Tilt Control

Access 2K live video streaming through the app. The camera offers 355° pan and 100° tilt capabilities, allowing you to adjust the viewing angle remotely for comprehensive area surveillance.



Image: The camera demonstrating its 360° live streaming capability with 355° pan and 90° tilt.

3.2 Night Vision Modes

The camera features two night vision modes:

- **Color Night Vision:** When the fill light is activated, the video image will be in color, providing clear visibility in dark environments.
- **Infrared Night Vision:** This mode provides black and white video images using infrared illumination.



Image: Day and night vision comparison from the 2K trail camera, featuring a tiger.

360° Live Streaming

Pan 355° Tilt 90°



Image: Visual examples of infrared night vision, white light mode, and standard day vision.

3.3 Motion Detection and Alerts

The camera detects motion and sends real-time alerts to your phone via the app. Ensure app notification permissions are enabled in your phone's settings.

3.4 Video Storage

Footage can be saved to the cloud (subscription required, 30-day free trial for new users) or to a local Micro SD card (not included). Access and view footage anytime through the app.



Image: The camera highlighting its cloud storage and Micro SD card slot features.

4. MAINTENANCE

4.1 Cleaning

Regularly clean the solar panel and camera lens to ensure optimal performance. Use a soft, damp cloth to remove dust and debris. Avoid abrasive cleaners.

4.2 Battery Management

The solar panel continuously charges the built-in battery. In prolonged periods of low sunlight, the battery may require charging via the provided cable. Monitor battery status through the app.

4.3 Weather Resistance

The camera has an IP66 waterproof and dustproof rating, making it suitable for various outdoor conditions. While designed to withstand elements, avoid submerging the camera in water.

Trouble Shooting

Q

Why the trail camera works originally, but now the screen is trying to load (spinning time wheel) for a long time with black screen?

A

It is because the SIM's net data is used up. Please recharge the net data of SIM.

Q

When I scanned the QR code on the camera, why it said No Usable Data?

A

Please check if the SIM is inserted in right way. Please note that the chip of the SIM should face the back of the trail camera.

Q

Why it says no memory card after use for some time. It seemed the camera could recognize sd card before, but not now?

A

Please check if the SIM has net data. When net data is used up, it will say no sd card.

Q

After delete the device on the app, it says "The device is already in use" when I want to connect again?

A

Please reset the trail camera to reconnect. If you connect the trail camera with another phone, please delete the device on previous phone app first, then reset and reconnect the trail cam.

Image: The camera shown in a rainy environment, emphasizing its IP66 waterproof and dustproof design.

5. TROUBLESHOOTING

Q: Why does the trail camera work originally, but now the screen is trying to load (spinning time wheel) for a long time with a black screen?

A: It is because the SIM's net data is used up. Please recharge the net data of the SIM.

Q: When I scanned the QR code on the camera, why did it say "No Usable Data"?

A: Please check if the SIM is inserted correctly. Note that the chip of the SIM should face the back of the trail camera.

Q: Why does it say no memory card after use for some time? It seemed the camera could recognize the SD card before, but not now.

A: Please check if the SIM has net data. When net data is used up, it will say no SD card.

Q: After deleting the device on the app, it says "The device is already in use" when I want to connect again?

A: Please reset the trail camera to reconnect. If you connected the trail camera with another phone, please delete the device on the previous phone app first, then reset and reconnect the trail cam.

6. SPECIFICATIONS

Feature	Detail
Brand	VOOPEAK
Model Name	TC17-T
Connectivity Technology	Wireless (4G Cellular)
Special Feature	HD Resolution, 360° View, Night Vision
Indoor/Outdoor Usage	Outdoor

Feature	Detail
Compatible Devices	Smartphone (Android)
Mount Type	Tree Mount
Color	Green (Camo)
Power Source	Solar Powered (Built-in 10400mAh battery)
Night Vision Range	65 Feet
Item Dimensions	5 x 3 x 4 inches
Video Capture Resolution	2K (4k mentioned in some specs, but 2K in features)
Video Capture Format	MP4
Waterproof Rating	IP66

7. WARRANTY AND SUPPORT

For warranty information or technical assistance, please refer to the VOOPEAK official website or contact their customer support directly. Keep your purchase receipt for any warranty claims.