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› TKMARS TK903 4G GPS Dog Collar Tracker User Manual

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Model: TK903 4G

INTRODUCTION

The TKMARS TK903 4G GPS Dog Collar Tracker is a professional pet tracking device designed for real-time location monitoring. It supports 4G network connectivity and offers dual GPS + LBS positioning for enhanced accuracy. Key features include two-way communication, an IP67 waterproof rating, and a long-lasting 3000 mAh battery. This manual provides essential instructions for setting up, operating, maintaining, and troubleshooting your device.

SETUP

1. SIM Card Installation

The tracker requires a 4G network SIM card with active phone services, network data, and SMS capabilities. A minimum of 100 SMS and 50 MB of data per month is recommended.

1. Open the SIM card slot cover on the device.
2. Insert the 4G SIM card into the designated slot, ensuring correct orientation.
3. Close the SIM card slot cover securely to maintain the IP67 waterproof rating.
4. Configure the APN information for your SIM card provider through the companion application or by sending an SMS command (refer to the app's instructions or contact support for specific APN settings).

2. Charging the Device

Before first use, fully charge the tracker.

1. Connect the provided charging cable to the tracker's charging port.
2. Connect the other end of the cable to a standard USB power adapter (not included).
3. The charging indicator light will illuminate. Once fully charged, the light may change color or turn off.

3. App Installation

Download and install the official tracking application, **WINNES GPS**, on your smartphone or tablet.

- Search for "WINNES GPS" in the Android Play Store or iOS App Store.
- Alternatively, scan the QR code provided in the packaging or on the device itself to download the app.

- Register an account and add your device using its unique ID number.

Lifetime Free Web Tracking Platform and APP

Server: www.mytkstar.net

Image: The WINNES GPS application interface and web platform, showing download QR codes. The web platform can be accessed at <http://www.mytkstar.net/download.htm>.

OPERATING INSTRUCTIONS

1. Real-time Tracking

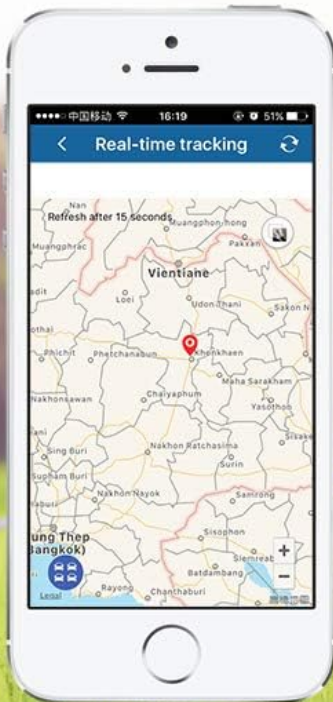
The tracker provides real-time location updates with an accuracy of up to 5 meters. Location information is automatically displayed on the app and web platform.

- Open the WINNES GPS app or log in to the web platform.
- Select your device to view its current location on the map.
- The data upload interval can be set to a minimum of 10 seconds for frequent updates.

Realtime Tracking

The tracker will generally pinpoint dog's location within 10 seconds. And it will update realtime tracking information via APP and Web

Real-time free tracking, LBS / GPS / WIFI three-mode positioning, positioning accuracy can reach **5 meters**.



History Route Play back

You can track the history route of the device up to 6 months via both the Web platform and APP!

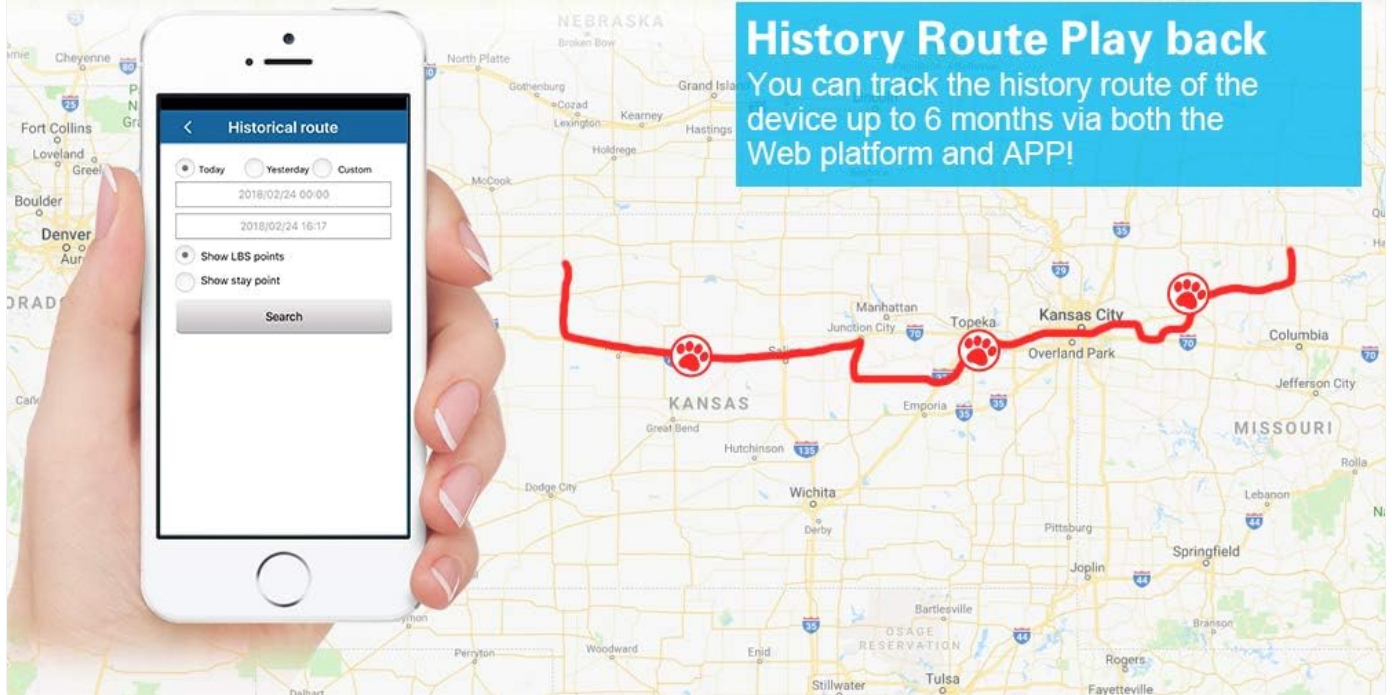
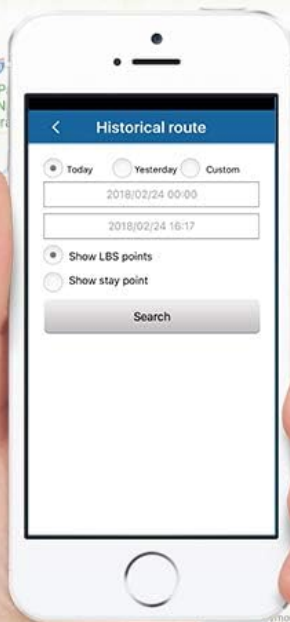


Image: Real-time tracking interface on a smartphone, displaying the pet's current location.



Image: Illustration of 4G LTE connectivity for GPS tracking, showing the device's location on a map.

2. History Route Playback

Review your pet's past movements for up to 6 months.

- In the app or web platform, navigate to the "History Route" section.
- Select the desired date range to view the historical path of your pet.

▶ HISTORY ROUTEPLAYBACK ▶



This tracker can help you to record the history route of your pet, 6 months of support at the most

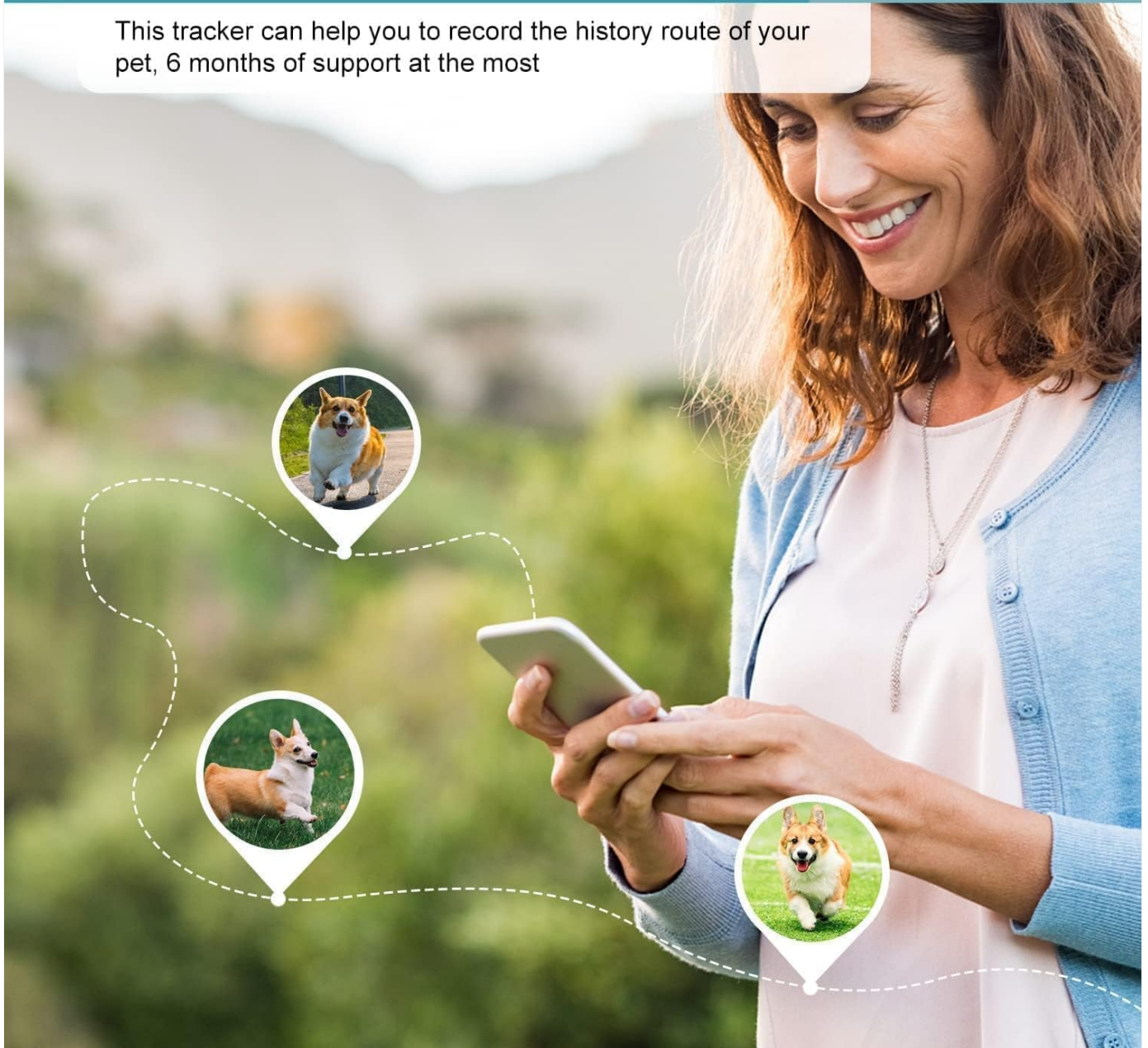


Image: History route playback feature, allowing users to review their pet's past movements.

3. Geofence (Electronic Fence)

Set up virtual boundaries to receive alerts when your pet enters or exits a defined area.

- Access the "Geofence" feature in the app.
- Draw a safe zone on the map, such as your yard. The minimum safe zone radius is 150 feet.
- You will receive notifications when your pet crosses these boundaries.

4. Sound and Light Alarm

If your pet is out of sight, use the sound and light alarm to help locate them.

- In the app, select the "Seek Pets" option.
- Activate the light or sound function on the tracker. The device will then emit a sound or flash its light, making it easier to find.

Seek Pets

Let your tracker brighten or sound to help you find your pets or device.



Pet gets lost

Pet stolen

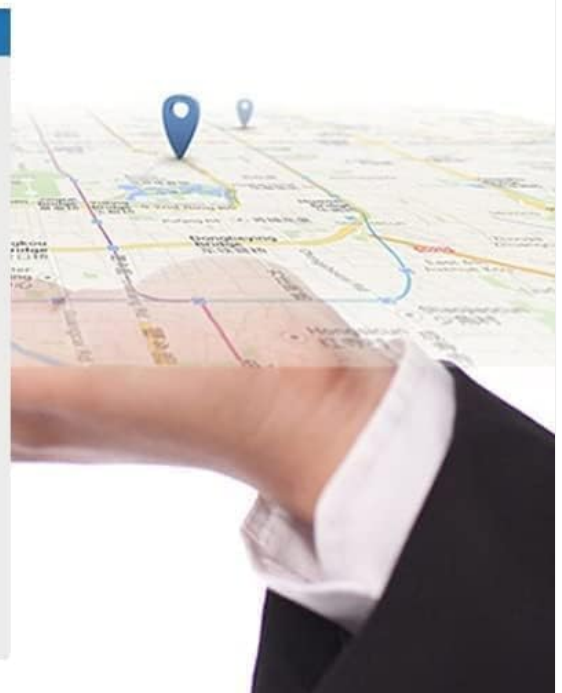
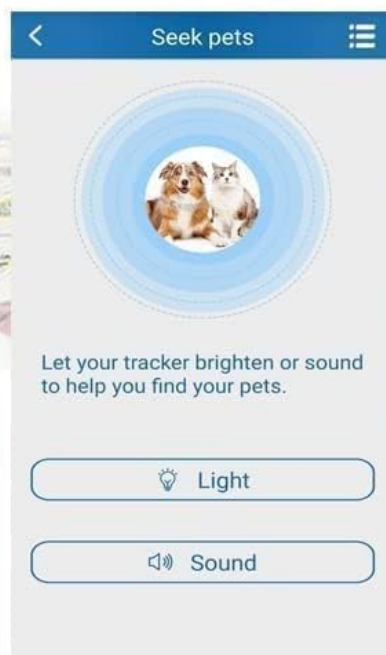


Image: The 'Seek Pets' function within the app, illustrating how to activate the tracker's light or sound to aid in locating your pet.

5. Two-Way Communication

The device supports two-way calls, allowing you to communicate with your pet or listen to their surroundings.

- Configure authorized phone numbers in the app for two-way calling.
- Initiate calls through the app to the tracker.

6. Activity Data Analysis

Monitor your pet's activity levels to ensure their well-being.

- The app provides data statistics on your pet's activity, including run/play time, walk/low active time, and rest periods.
- View daily, weekly, or monthly summaries to understand your pet's habits.

Activity data analysis

Let you know more about your pet

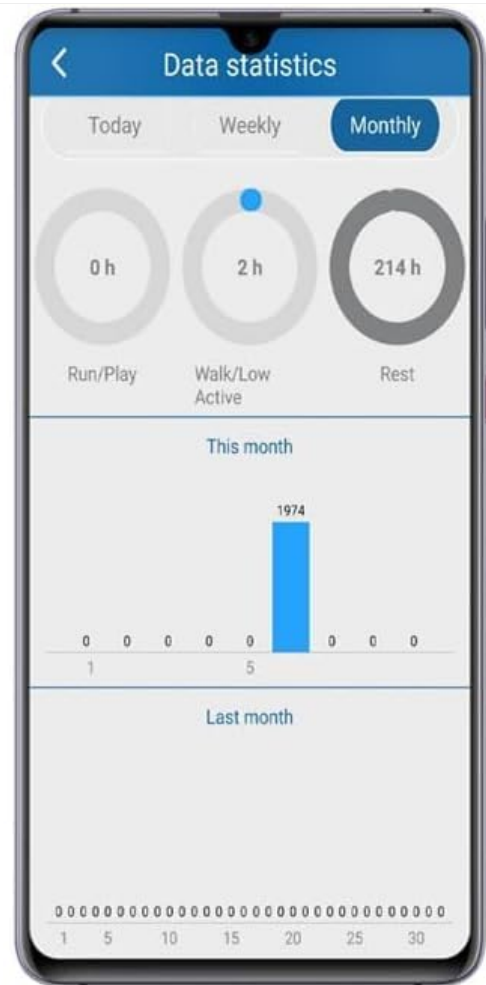


Image: Activity data analysis feature in the app, providing insights into your pet's daily, weekly, and monthly activity levels.

MAINTENANCE

1. Battery Management

The tracker features a 3000 mAh lithium-ion battery, offering up to 25 days of standby time.

- Charge the device regularly to ensure continuous tracking.
- Avoid fully discharging the battery frequently to prolong its lifespan.
- Use only the provided charging cable.

2. Waterproofing (IP67)

The device is IP67 waterproof, meaning it is protected from dust and can withstand immersion in water up to 1 meter for 30 minutes.

- Ensure all covers, especially the SIM card slot, are securely closed to maintain water resistance.
- Avoid prolonged immersion or exposure to high-pressure water jets.
- Do not charge the device if it is wet.

3. Cleaning

Clean the device periodically to remove dirt and debris.

- Use a soft, damp cloth to wipe the exterior of the tracker.
- Do not use harsh chemicals or abrasive cleaners.

TROUBLESHOOTING

1. Device Not Connecting / Offline

- **Check SIM Card:** Ensure the 4G SIM card is correctly inserted and has an active plan with data, SMS, and call services.
- **APN Settings:** Verify that the APN settings in the app or configured via SMS match your SIM card provider's requirements. Incorrect APN is a common cause of connectivity issues.
- **Network Coverage:** Confirm that the device is in an area with good 4G network coverage.
- **Reboot Device:** Try turning the tracker off and then on again.

2. Inaccurate Location

- **GPS Signal:** Ensure the device has a clear view of the sky for optimal GPS signal reception. Indoor or heavily obstructed environments can reduce accuracy.
- **Refresh Location:** If the location appears inaccurate, try refreshing the map in the app. Some users report improved accuracy by navigating back to the main menu and then re-entering the map view multiple times.
- **LBS vs. GPS:** In areas with poor GPS signal, the device may switch to LBS (Location Based Service) which uses cellular towers and is less precise.

3. Short Battery Life

- **Tracking Frequency:** More frequent location updates (e.g., every 10 seconds) consume more battery. Adjust the update interval in the app to conserve power.
- **Network Signal:** Poor network signal can cause the device to work harder, draining the battery faster.
- **Battery Age:** Over time, battery capacity naturally degrades.

SPECIFICATIONS

Feature	Detail
Model Number	TK903 4G
Dimensions (L x W x H)	6 x 5 x 3 cm
Weight	350 grams
Battery Capacity	3000 mAh Lithium-ion
Standby Time	Up to 25 days

Feature	Detail
Connectivity Technology	4G Network, GPRS
Positioning	GPS + LBS (accuracy up to 5 meters)
Waterproof Rating	IP67
Special Features	Audible Alarm, Two-way Call, History Record, Geofence, Real-time Positioning
Compatible Devices	Smartphone, Tablet
Material	Acrylonitrile Butadiene Styrene (ABS)
Included Components	1 * Dog Tracker, 1 * Charging Cable, 1 * Instruction Manual



Image: Dimensions of the TKMARS TK903 4G GPS Dog Collar Tracker.

WARRANTY

Specific warranty information is not provided in the product details. Please refer to the product packaging or contact the

manufacturer directly for warranty terms and conditions.

SUPPORT

For any questions or assistance with your TKMARS TK903 4G GPS Dog Collar Tracker, please use the following resources:

- **WhatsApp Support:** +86 15243609069
- **Official App:** WINNES GPS (available on Android/iOS App Stores)
- **Web Platform:** <http://www.mytkstar.net/download.htm>

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B0BFQZMQV4>

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