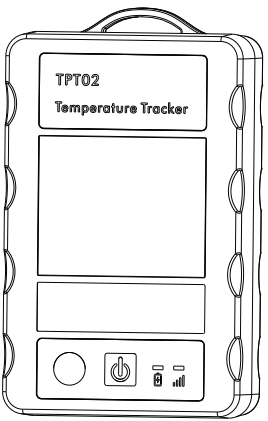
e²Link TPT02

GSM Temperature Tracker



Instructions for Use

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Welcome

TPT02 Temperature Tracker is an easy online solution for monitoring temperature and location during distribution, ensuring the delivery of safer, fresher food.

TPT02 tracker uses the mobile phone network to upload temperature and other data at repeated intervals. This stand-alone solution needs minimal setup and requires no hardware installation.

The device can transmit data from inside a typical refrigerated truck or trailer. When outside the range of a mobile tower. data is stored until a signal is found.

Data from the device is uploaded at regular intervals to the internet and made accessible via Keelin website and App.

Near-real-time alerts allow you to take corrective action before significant temperature abuse occurs.

Detailed shipment reports provide evidence of temperature compliance and can be shared with receivers - as the goods arrive.

Performance reports can be used to monitor improve- ments in cold chain performance over time and meet e-record storage obligations.

Getting Started

Keelin App is typically used when launching a shipment with TPT02 tracker. Alternatively, you can launch a shipment via Keelin web application.

Download Keelin App onto your Android or iPhone device. Contact support or visit www.eelinktech.com for any technical issues.

1. Switch on TPT02 device

Press the Sreen power button for 3 seconds

A slow blinking blue light says device has found a network connection .

A slow blinking red light says low battery (device can be charged via micro USB)

2. Attach the device to goods

For first time use, gently peel the backing away from the adhesive on reverse of device

Press device firmly against the exterior packaging of goods belong monitored or place inside cartons

For repeated use. the device can be attached to goods with tape string or cable tie (avoid covering the light sensor)

- Scan QR below to download Keelin APP

- Launch APP , Scan QR on Label to register & activate device

Additional Instructions

The following Inforrnation may also be helpful.

Charging TPT02 Device

For best results, the device should be fully charged before first use.

Once fully charged, the device should maintain its charge for about 2 months.

A continuous red light during charging means the device is fully charged.

Device Activation Deactivation

The device will be automatically activated when first used. Alternatively, you can use the Account section of Keelin website to activate devices.

Note it can take up to 30minutes for network activation to occur. Data recorded in that time is stored on the device and uploaded once activation occurs.

Sensors

As well as temperature and approximate location, TPT02 Tracker also measures light (door openings), shock (product abuse) and voltage (battery life).

Disposal of device

On ultimate disposal, the device should be responsibly treated as e-Waste to safeguard the environment.

Eelinktech TPT02 Temperature Tracker Specification

Temperature Accuracy +/- 0.5℃
between -20℃ and 60℃

IP66 for dustmoisture proof - in cold chain

Door openings monitored via light sensor 11.

Alerts via SMS, email or Keelin App

Location via LBS cell tower vectoring - no GPS needed

GSM GPRS Quad Band (850/900/1800/1900 MHz)

G51 Traceability - QR code and Code 128C barcode for linking with producUasset ID

Attachment of device via adhesive backing - or via tape, cable tie or hook

Shock sensor - detecting product abuse

Voltage sensor - battery life alerts

Compatible with all popular devices smartphones, tablets, etc

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What is TPT02 device?

TPT02 temperature tracker is a small portable device for monitoring the temperature and other attributes Of perishable food (and pharma in near real time during distribution. it does so using the digital cellular network (2G GSM).

Perishable goods are required to meet quality assurance conditions during distribution for regulatory compliance. TPT02 device and software solution is designed to simplify this requirement.

Are there any key limitations of TPT02 solution?

The device has a battery life of 10 days at 0℃ and is suitable for temperature tracking of food pharma products within set boundaries. The battery life is affected by low temperatures and by network signal strength.

The device should also not be relied upon for pin-point accuracy of the where abouts of goods. Location-based services (LBS) is less accurate than GPS and is dependent on cell tower coverage in the area. The upside, however is LBS works in situations where no GPS satellite is visible.

What's the purpose of the Red LED on the device?

The Red LED represents battery condition.
When the battery is low, the red light will blink slowly. While being charged, the red light blinks rapidly. Once fully charged, the red light glows continually.

What's the purpose of the Blue LED on the device?

The Blue LED represents wireless connectivity.

When the device is first switched on, the blue light will blink rapidly, searching for a mobile phone signal.

When a signal is found, the blue light will blink slowly.

The blue light will switch itself off after 2 minutes to conserve the battery.

When you switch the device off, the blue light will glow continually before shutting down.

How do I charge the device?

The battery should be charged before each use.The device will only be partially charged when you first receive it.

The battery can be charged via the charger or via a USB cable from your laptop. While being charged, the red light on the device will blink rapldly. Once fully charged, this red light will glow continually.

The battery level of a device can be monitored via TPT02 web application. An alert notification Will occur if the battery levels drops too low. these alerts can be configured via the Alert Rules section of TPT02 web application.

Why is device location only approximate?

The device determines location via LBS cell tower triangulation and, unlike GPS. requires no satellite visibility.

Accuracy will vary depending on the number of cell towers in the area. In large cities, typical accuracy is +/-500m, In remote rural areas, the accuracy may be +/-3000m.

How accurate is the temperature sensor?

The temperature sensor is accurate to -0.5ge for typical cold chain temperatures (-20'C to 20'C).

Who can I contact for product support and training?

Customer Support is available 9-6pm Monday to Friday ESDT CHINA on +86 15989326996

Warranty

This product is offered with a 2 month limited conditional warranty under normal cold chain conditions. please refer to the smart trace website for more details

Terms and conditions

Please carefully read the full terms & conditions on TPT02 website.

Contact Details

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Temperature Tracker

User Guide - English

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