

# **User Manual**

Model: L106

Telepower Communication Co., Ltd.

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# Read me first

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This device provides mobile communication and media services using **Telpo**'s latest standards and technological expertise. This user manual and the information available contain details about the device's functions and features.

- Please read this manual before using the device to ensure safe and proper use.
- Descriptions are based on the device's default settings.
- Some content may differ from your device depending on the region, service provider, or device's software.
- **Telpo** is not liable for performance issues caused by apps supplied by providers other than **Telpo**.
- **Telpo** is not liable for performance issues or incompatibilities caused by edited registry settings or modified operating system software. Attempting to customise the operating system may cause the device or apps to work improperly.
- Software, sound sources, wallpapers, images, and other media provided with this device are licensed for limited use. Extracting and using these materials for commercial or other purposes is an infringement of copyright laws. Users are entirely responsible for illegal use of media.
- You may incur additional charges for data services, such as messaging, uploading and downloading, auto-syncing, or using location services. To avoid additional charges, select an appropriate data tariff plan. For details, contact your service provider.
- Modifying the device's operating system or installing softwares from unofficial sources may result in device malfunctions and data corruption or loss. These actions are violations of your **Telpo** licence agreement and will void your warranty.
- Is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.
- For safe operating, the antenna of the product shall be least 0.22m away from the body of the user. The maximum allowed antenna gain is 4.2 dBi.

# Getting started

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## Device layout



- Do not cover the antenna area with your hands or other objects. This may cause connectivity problems.
- Need to open WUYING cloud desktop to use with this terminal.

## Technical Specification

| form <sup>43</sup>                  | descriptive <sup>43</sup>                                | Technical parameters and description <sup>43</sup>                                                                                                                     |
|-------------------------------------|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| demonstrate <sup>43</sup>           | 2.13-inch black, white and red ink screen <sup>43</sup>  | EINK e-ink screen, screen diagonal 2.13 inches, black, white and red three display colors, display<br>Resolution 250*122, 130 DPI, viewing angle >170 °. <sup>43</sup> |
| controller <sup>43</sup>            | ARM Cortex-M0 @ 64MHz <sup>43</sup>                      | High-performance IoT control chip, FLASH 512KB, SRAM 48KB <sup>43</sup>                                                                                                |
| electric power source <sup>43</sup> | 1200mAH, 2pcs CR2450 button cell batteries <sup>43</sup> | CR2450 button cell single 600mAH, annual self-discharge rate is less than 5%. <sup>43</sup>                                                                            |
| indicator light <sup>43</sup>       | Tri-color LED <sup>43</sup>                              | red, green and blue <sup>43</sup>                                                                                                                                      |

|                                                |                                                |                                                                                                                                               |
|------------------------------------------------|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Wireless Connection Protocol <sup>43</sup>     | Standard BLE5.2 protocol <sup>43</sup>         | Private protocol, realized through base station <sup>43</sup>                                                                                 |
| operating frequency <sup>43</sup>              | 2.4G <sup>43</sup>                             | 2400MHz-2500MHz <sup>43</sup>                                                                                                                 |
| Effective communication distance <sup>43</sup> | Non-open area <sup>43</sup>                    | Within 0 to 25 meters, link to the base station without disconnection, stable transmission rate, effective update of price tags <sup>43</sup> |
| Power consumption indicators <sup>43</sup>     | Static sleep current <sup>43</sup>             | <1.8umA <sup>43</sup>                                                                                                                         |
|                                                | Peak scanning current <sup>43</sup>            | <8mA <sup>43</sup>                                                                                                                            |
|                                                | peak current (of a radio signal) <sup>43</sup> | <8mA <sup>43</sup>                                                                                                                            |
|                                                | Brush current <sup>43</sup>                    | <20mA <sup>43</sup>                                                                                                                           |
|                                                | Battery life <sup>43</sup>                     | Battery life greater than 5 years based on four screen swipes per day <sup>43</sup>                                                           |
| safety <sup>43</sup>                           | Full signaling encryption <sup>43</sup>        | be in favor of <sup>43</sup>                                                                                                                  |
|                                                | Restrictions on the scope of use <sup>43</sup> | Price tags cannot be manipulated by base stations or systems beyond the store's domain. <sup>43</sup>                                         |
| dependability <sup>43</sup>                    | Continuous performance <sup>43</sup>           | Continuous operation without restart during the life cycle is possible <sup>43</sup>                                                          |
| maintainability <sup>43</sup>                  | Battery Replacement <sup>43</sup>              | Removable battery compartment cover for battery replacement <sup>43</sup>                                                                     |
|                                                | Software Updates and Upgrades <sup>43</sup>    | Supports OTA software updates or upgrades via the base station <sup>43</sup>                                                                  |
| Temperature indicators <sup>43</sup>           | operating temperature <sup>43</sup>            | 0° C to 50°C°C <sup>43</sup>                                                                                                                  |
|                                                | Storage temperature <sup>43</sup>              | 0° C to 50°C°C <sup>43</sup>                                                                                                                  |

"L106 declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

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For the full RED DoC file, Please download it as follow web: <https://www.telpo.com.cn>

## Package contents

Check the product box for the following items:

- Main Device
- User guide



- The items supplied with the device and any available accessories may vary depending on the region or service provider.
- The supplied items are designed only for this device and may not be compatible with other devices.
- Appearances and specifications are subject to change without prior notice.
- You can purchase additional accessories from your local retailer. Make sure they are compatible with the device before purchase.
- Availability of all accessories is subject to change depending entirely on manufacturing companies. For more information about available accessories, please contact us.

# Basics

## Home Screen Overview

192.168.1.21/#/fun/esl

电子价签系统

首页 / 业务管理 / 标签管理

标签管理

所有 ID ESL ID 所有 所有 软件版本 软件版本 所有 查找

+ 添加 - 删除 + 绑定 - 解绑 + 刷新 + 全部刷新 + 点名 + 刷新页面 + 关灯 周期(ms) 100 次数 5

| 序号 | 预览 | 型号    | ID           | 绑定                     | 电量    | 温度     | 信号值 | 状态   | 在线状态 | 最近更新时间              | 更新时间                |
|----|----|-------|--------------|------------------------|-------|--------|-----|------|------|---------------------|---------------------|
| 1  |    | 2.13T | 06000000117A |                        | 2.95v | 20.79度 | -46 | 合成失败 | 在线   | 2025-02-23 10:54:21 | 2025-02-23 10:54:22 |
| 2  |    | 2.13T | 06000000117B |                        | 2.96v | 21.26度 | -46 | 合成失败 | 在线   | 2025-02-23 10:54:18 | 2025-02-23 10:54:19 |
| 3  |    | 2.13T | 06000000117C | 牛奶(2025022001)         | 2.97v | 23.13度 | -29 | 刷新超时 | 在线   | 2025-02-23 10:54:17 | 2025-03-05 16:21:17 |
| 4  |    | 2.13T | 06000000118B | 牛奶(2025022001)         | 2.99v | 20.79度 | -48 | 刷新超时 | 在线   | 2025-02-23 10:54:21 | 2025-03-05 16:21:17 |
| 5  |    | 2.13T | 060000001185 |                        | 2.97v | 21.26度 | -39 | 合成失败 | 在线   | 2025-02-23 10:54:21 | 2025-02-23 10:54:22 |
| 6  |    | 2.13T | 060000001189 | 黄蜀桧 1916 (20250304001) | 2.94v | 21.26度 | -49 | 刷新成功 | 在线   | 2025-03-05 15:56:43 | 2025-03-05 15:56:45 |
| 7  |    | 2.13T | 06000000118C | 牛奶(2025022001)         | 2.98v | 21.26度 | -51 | 刷新超时 | 在线   | 2025-02-23 10:54:27 | 2025-03-05 16:21:17 |
| 8  |    | 2.13T | 060000001186 |                        | 3.05v | 20.79度 | -49 | 合成失败 | 在线   | 2025-02-23 10:54:27 | 2025-02-23 10:54:28 |
| 9  |    | 2.13T | 06000000118C |                        | 2.97v | 19.39度 | -50 | 合成失败 | 在线   | 2025-02-23 10:54:28 | 2025-02-23 10:54:26 |
| 10 |    | 2.13T | 06000000118D |                        | 2.96v | 21.72度 | -63 | 合成失败 | 在线   | 2025-02-22 14:28:24 | 2025-02-22 14:28:24 |

192.168.1.21/#/fun/product

电子价签系统

首页 / 业务管理 / 商品管理

商品管理

Title 查找 导出 + 添加 - 删除 - 删除

| 序号 | 名字       | 编码          | upc                    | 模板         | 更新时间                | 创建时间                |
|----|----------|-------------|------------------------|------------|---------------------|---------------------|
| 1  | 矿泉水      | 20250219001 | [ " ", " ", " ", " " ] | moban213T  | 0-0-0 0:0:0         | 2025-02-19 18:38:45 |
| 2  | 牛奶       | 20250222001 | [ " ", " ", " ", " " ] | moban213T  | 2025-02-23 10:54:14 | 2025-02-22 14:55:34 |
| 3  | 汽水       | 20250222002 | [ " ", " ", " ", " " ] | moban213F  | 2025-02-22 17:09:06 | 2025-02-22 14:37:20 |
| 4  | 黄蜀桧 1916 | 20250226001 | [ " ", " ", " ", " " ] | moban213T2 | 0-0-0 0:0:0         | 2025-02-26 17:55:53 |
| 5  | 黄蜀桧 1916 | 20250304001 | [ " ", " ", " ", " " ] | moban213T  | 0-0-0 0:0:0         | 2025-03-06 10:48:15 |

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- This device needs to be connected to a display、mouse and keyboard for proper functioning.

# Copyright Information

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# Declaration of Conformity

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Hereby, [T3 Technology Co,Ltd.] declares that this [Intelligent computing terminal] is compliance with essential requirements and other relevant provisions of Directive 2014/53/EU.

## FCC Statement

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

## RF Exposure Information

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