# User Manual

## Reetle SmartInk I User Manual

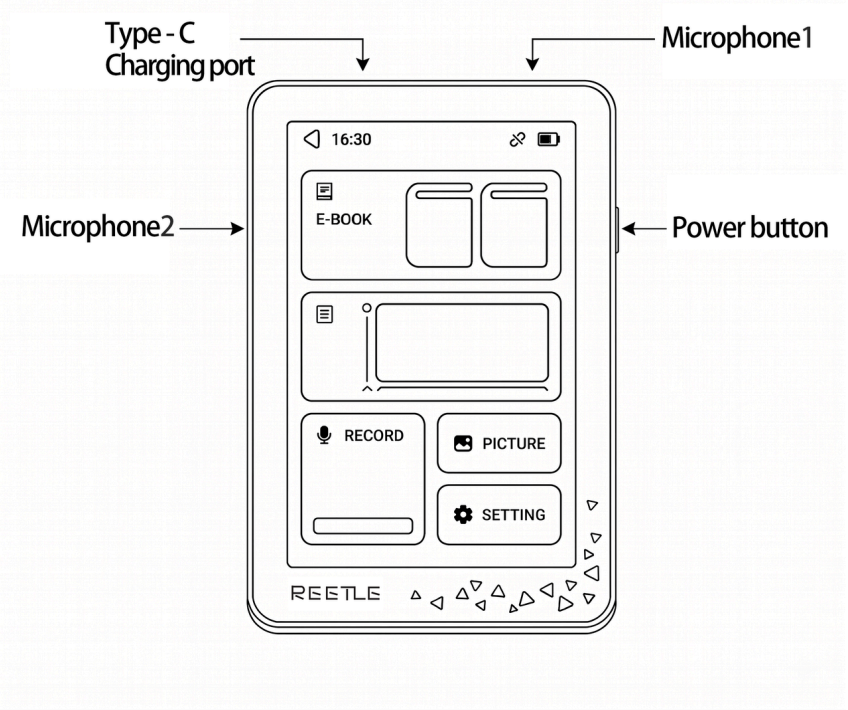
**V1.2 / 2026-10-28**

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**Thank you for choosing SmartInk I. We combine e-ink technology with AI to provide you with a focused, distraction-free efficiency experience**.

## I. Get to Know Your New Device

### 1.1 Hardware and Interfaces




- **Power button:** Power on/off, wake up and lock the screen.
- **Type-C Charging port:** Device charging.
- **Microphone:** When recording, please place the device flat or hold it in your hand, and do not cover the microphone hole to ensure the AI noise reduction and sound pickup quality.
- **Touch E-ink Screen:** 3.97 inches, supporting multi-touch and gesture operations.

### 1.2 Key Functions and Basic Interactions

The operation of SmartInk I is mainly completed through intuitive touch gestures:

**Physical power button control**

- **Click:* Lock screen:** When clicked while the device is in use, the screen will lock and enter standby mode (a personalized wallpaper or to-do list can be displayed via settings).
- **Long press (approx. 3 seconds):* Power on/off**

**gesture control**

- **Click the icon/menu: to enter** the corresponding function module.
- **Tap the button in the top-left corner of the screen: to return** to the previous menu level, or exit the current reading/recording interface.

## 1.3 Specifications

| Specification Name | Parameter Details |
|---|---|
| **Product Model** | ETS 1301 |
| **Screen Size** | 3.97-inch TP touch e-ink screen |
| **Screen resolution** | 480 × 800 pixels (235 PPI) |
| **Connection Protocol** | Bluetooth 5.0, Wi-Fi |
| **Battery Capacity** | 1100mAh Lithium Battery |
| **Physical Dimensions** | 105 × 66 × 5.4 mm |
| **Overall unit weight** | 65g |
| **storage capacity** | 4GB |

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# II. Initial Setup and Connection

The core AI computing power and file management of SmartInk I rely on the smartphone to function. Please complete the following steps before using it for the first time:

## 2.1 Power On and Download the App（Under iOS App Store Review）

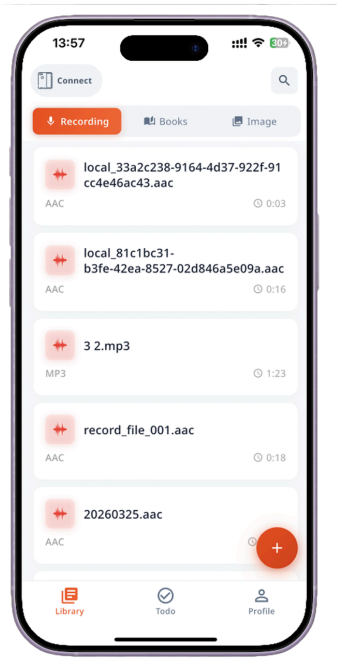
1. **Power on:** Press and hold **the power button for 3 seconds**
2. **Download the App:** Use a smartphone (compatible with iOS) to scan the QR code below, or search for "Reetle" in the App Store/your app store to download the official application.

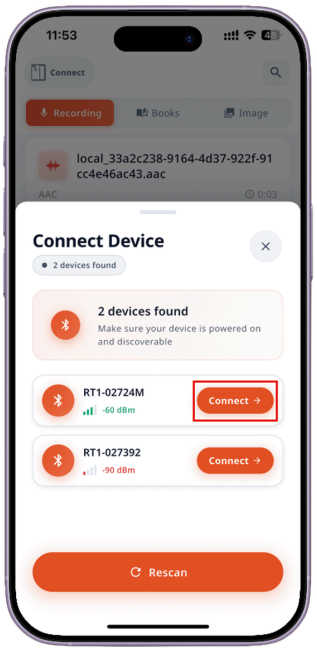
Scan to Download the App

3. **Register/Log in:** Open the Reetle App and complete account registration and log-in.

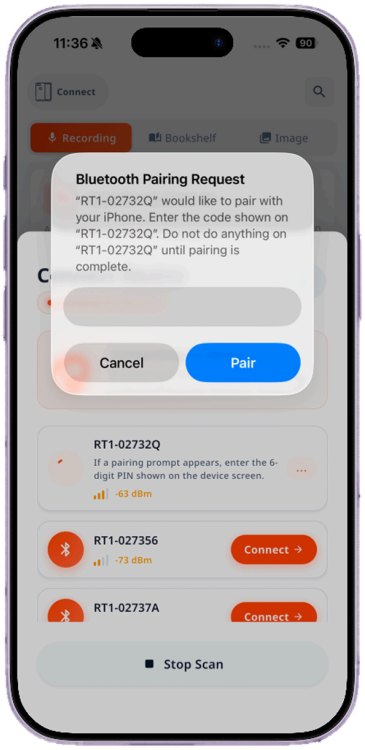
## 2.2 Bluetooth Pairing and Bonding

1. Make sure the Bluetooth function of your mobile phone is enabled, and bring the SmartInk I close to your mobile phone.
2. Open the Reetle App homepage, tap the **"Connect Device"** in the upper left corner.
3. Select your device from the search list (default name: RT1-XXXX) and click Connect.




1. **Pairing Code Binding**: When connecting, the App will prompt you to enter a pairing code for identity verification. Please enter the pairing code displayed on the SmartInk I screen on the App side to complete the binding.

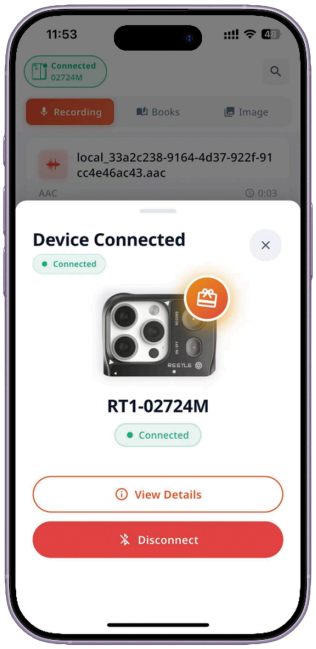






> **Note:** Once a device is successfully bound to the current account, it **cannot be connected by other accounts** to ensure the security of your data.

1. The icon displayed at the top of the device screen 🔗 indicates a successful connection.




**On unbinding:**

- **Operation Method**: If you need to change the bound account, you can perform the "unbind" operation in the "Settings" of the SmartInk I device.

- ⚠️ **Data Clearing Notice**: To protect your private data, **the device will automatically delete all internally stored recording files upon unbinding**. Please ensure that important recordings have been synced to the App or backed up before unbinding.

### 2.3 Wi-Fi Direct and High-Speed Transmission

To synchronize files between your phone and the device more efficiently, SmartInk I automatically enables its hotspot when a transfer starts — **no manual action is required**.

1. **Automatic trigger:** When you transfer a large file (recordings, e-books, etc.), the device automatically sets up the Wi-Fi transfer channel. Nothing needs to be enabled in Settings.
2. **App confirmation to join:** The Reetle App will automatically prompt "Join Reetle Hotspot?" — simply tap to confirm.
3. **High-speed transmission:** Your phone then establishes a high-speed direct connection with the device, which significantly improves the speed of transferring recordings or importing e-books.

> Note: The device's Wi-Fi is used only for the direct phone-to-device link. It does not connect to a home or office router, so the device will not list nearby Wi-Fi networks — this is expected behaviour, not a fault.

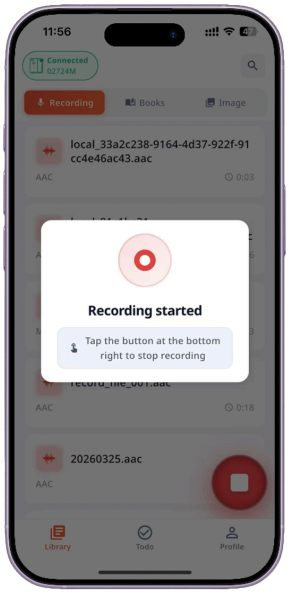
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## III. Core Function Guide

### 3.1 AI Intelligent Recording and Transcription

Record via SmartInk I, and then process the recording with the powerful AI engine of the App.

1. **Start recording (dual-end control supported):**
   a. **App Remote Control:** When the Reetle App on your mobile device remains connected to the device via Bluetooth, simply tap the + icon in the bottom right corner on the App's recording page, then tap **"Device Recording"**. At this point, the SmartInk I terminal will start capturing audio synchronously, making it convenient for you to monitor the recording status on your phone.

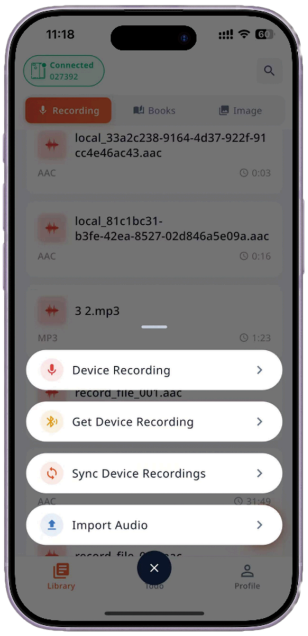


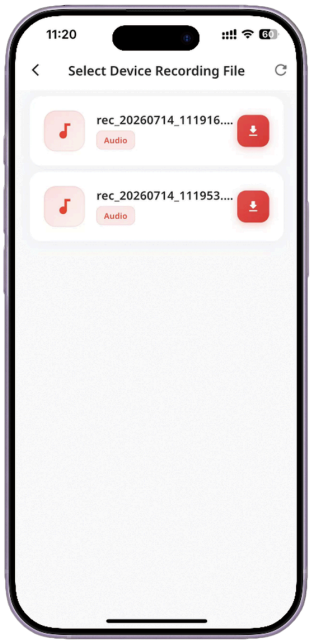
b. **Standalone Offline Recording:** The SmartInk I supports fully standalone recording without being connected to a smartphone. When an impromptu meeting occurs or your phone is not within reach, you can directly operate the device to start recording; the recorded files will be securely encrypted and stored locally on the device. On the home screen of the device, tap to enter **the recording module**, then tap the recording button on the interface to start recording immediately. The device will automatically cache the recording locally during the process, and the recording will be transcribed synchronously once the device is connected to a smartphone.



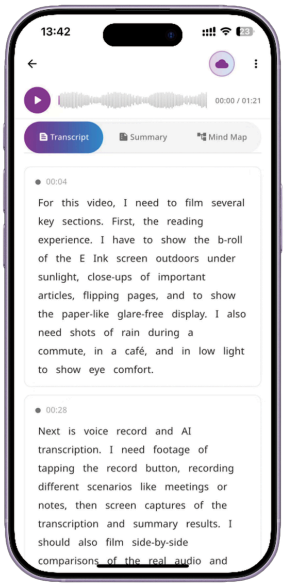

2. **End recording:** Tap the**[Stop]**button on the APP screen (or terminal screen) again, and the audio will be encrypted and saved locally on the device.

   **Sync to the App:** Once the recording is finished and the device reconnects to the Reetle App on your phone (Wi-Fi Direct is recommended for faster sync), the audio file will be synced to your mobile device. After the sync is complete, you can use the AI engine within the App to perform high-precision speech-to-text conversion, generate meeting summaries and create to-do items.

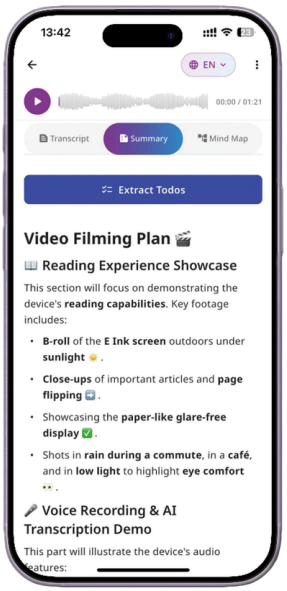


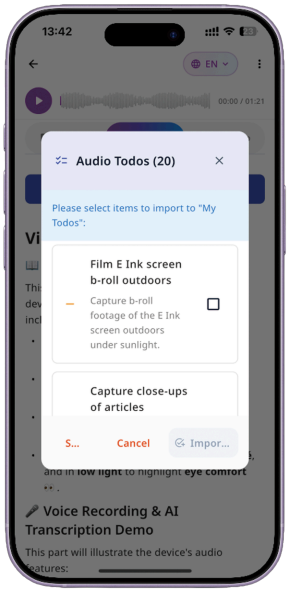

3. **AI Transcription Summary:** Voice transcription is supported within the App, and chapter summaries, to-do lists and tree diagrams can be generated with one click.



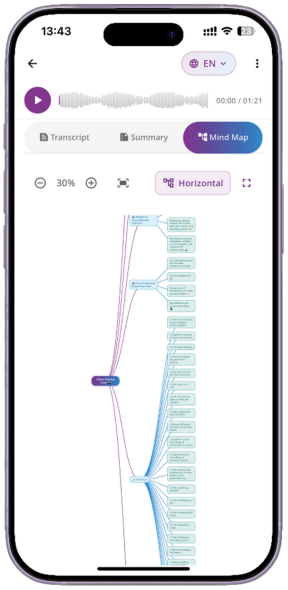

Speech-to-Text




Generate chapter summaries with one click



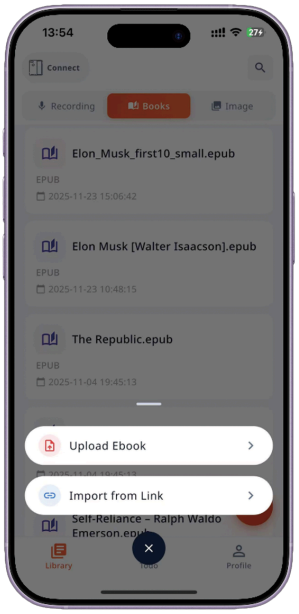

To-do list




Tree Map

## 3.2 E-book Reader

- **Import Books:**
  - **Link Import:** Tap "Link Import" in the App, paste the document URL to download, and it natively supports mainstream e-book formats such as EPUB, TXT, and PDF.
  - **Import from local/other apps:** Open the file on your device or in another app, then select "Open with Reetle App" to complete automatic import.

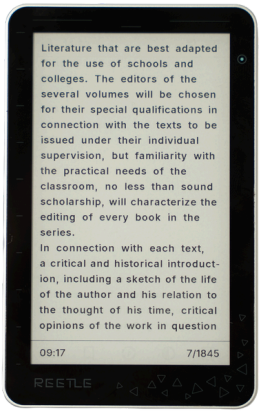



- **AI Typesetting Optimization and Publish Streaming:**

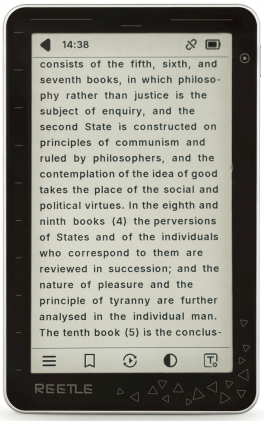
  Tap the imported document in the App to automatically trigger **"AI Typesetting Optimization"**(especially applicable for PDF edge cropping and font rearrangement). Once completed, tap**[Transfer to Device] in the top right corner,** and open the reading module after successful transfer to start reading.

- **Reading interaction gestures:**

  - **Page Turning:** It supports flexible touch gestures, and you can **swipe from right to left** on the screen to achieve quick page turning.




  - **Bring up the operation interface:** While reading, simply tap **the top or bottom area of the screen** to bring up the hidden operation menu, where you can perform settings such as table of contents navigation, bookmark setting, automatic page turning, night mode, and font layout adjustment.




## 3.3 Always-on Display and Personalized Cards

Leveraging the "power-off non-volatile" feature of e-ink screens, this device can serve as your social business card or desktop information dashboard.

1. **Set image wallpaper: Select an album image on the App side, the system will automatically process it with the black-and-white dithering algorithm to perfectly adapt to e-ink screen display, and tap [publish streaming to device] to set it as the lock screen or standby screen.**

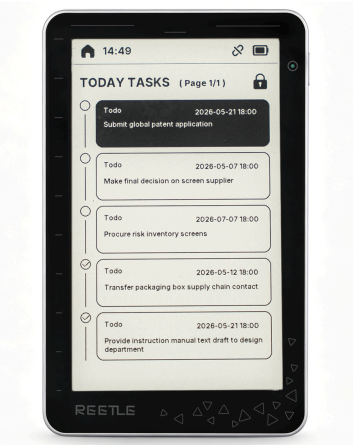


2. **Persistent display of function cards:** Upload business card images and social QR codes for easy on-demand presentation.




## 3.4 To-Do List (Task Management)

1. To-do items manually created on the App, or those extracted via AI meeting transcription, will be automatically synced to the**[To-do Board]**interface of SmartInk I.




2. On the device side, you can directly tick the completion status by tapping the screen, and the data will be postback to the mobile terminal in real time.

> **To-Do Synchronization and Display Logic** To maintain high efficiency and focus in the display on the hardware side, the to-do items of SmartInk I adopt the following intelligent synchronization and sorting rules:
>
> - **Display Scope Definition**: The device focuses on the present, only syncing and displaying **the day's** to-dos, and does not display complicated future or past tasks. For to-dos without a specific time set, the system will by default place them at the end of the list.
> - **Time Sorting Rule**: If there are no manually pinned items, the system will automatically place **the to-do item closest to the current time** at the top of the list (or right after the manually pinned items), so as to provide a thoughtful reminder for upcoming schedules.

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# IV. Device Management and Advanced Features

## 4.1 Storage and Cache Management

SmartInk I follows the logic of " local storage as the primary approach ":

- **Pure local offline operation:** You can choose to stay completely disconnected from the cloud, ensuring that core data remains locally on your mobile device to deliver ultimate security protection.
- **Cloud Service:** Only when you actively enable the cloud computing functions for AI meeting transcription and AI summary, will the system upload and process the specific information necessary for such functions.
- **E-book Caching:** This device supports local e-book caching. If you need to replace the cached content, please delete the existing one in the "Bookshelf Management" section of the App and re-publish streaming.

## 4.2 Firmware Upgrade (OTA)

To ensure system stability and AI algorithm updates, please upgrade the firmware regularly: Open the **Profile** > **OTA Update**. During the upgrade process, make sure the device battery level is above 30% and do not press any buttons.

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# V. Daily Charging and Maintenance

- **Charging:** The battery has a capacity of 1100mAh. It is recommended to use a 5V⎓1A adapter with the original Type-C cable for charging, and it takes about 2 hours to fully charge.
- **Cleaning:** The screen surface is coated with an AF anti-fingerprint layer. Please gently wipe the screen with a slightly damp soft cloth or microfiber cloth. **It is strictly prohibited** to use alcohol, detergents or other chemical solvents to avoid damaging the coating.
- **Protection Environment:** The operating temperature ranges from 0°C to 50°C. This device is not waterproof, please keep it away from water sources and extremely humid environments.

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# VI. Troubleshooting

| Fault Phenomenon | Possible Causes and Solutions |
|---|---|
| **Failure to power on** | The battery is drained. Please connect the charging cable to charge for 15 minutes, then press and hold the power button again. |
| **Unresponsive screen / system crash** | The system is laggy. Press and hold the power button for 10 seconds to perform a forced restart. |
| **Bluetooth connection failure / unable to find device** | 1. Ensure that Bluetooth is enabled on your phone and the App has the relevant permissions.<br>2. In the Bluetooth settings of your mobile system, select "Forget This Device", then re-scan and pair the device again within the App. |
| **Audio recording synchronization failed** | Bluetooth disconnected or network exception. Please move your device closer to your phone and pull down on the app to manually retry synchronization. |
| **The screen suddenly turns completely black and flickers when flipping pages, or there is afterimage of the previous page on the screen** | This is a normal physical characteristic of E-ink screens. To maintain text clarity, the system will trigger a "global refresh"(black-and-white screen flashing) after a certain number of page turns or operations. This is not a device malfunction, so please use it with confidence. |
| **The mobile app prompts that the device cannot be found or the Bluetooth connection fails** | 1. Make sure that Bluetooth is enabled on your phone and the Reetle App has been granted Bluetooth and location permissions.<br>2. Make sure the SmartInk I device is powered on or woken up, and kept within 5 meters of your phone.<br>3. Try restarting the Bluetooth on your phone, or press and hold the power button of the device to restart it, then try pairing again. |
| **The sync speed of recording files or the speed of pushing e-books to devices is extremely slow** | Bluetooth has a relatively slow transfer speed for large files. When syncing long recordings or pushing e-books, it is recommended that you connect to the Reetle device hotspot (Wi-Fi Direct) as prompted in the App, which will greatly improve the transfer efficiency. |
| **What should I do if the recording stops automatically halfway through, or a "insufficient storage space" prompt appears?** | SmartInk I adopts a lightweight local cache design. When the local storage is exhausted, the device will restrict new recordings. Please connect the device to the mobile app as soon as possible to sync the recordings to the mobile side. |
| **The device screen is completely frozen, with no response to taps on the screen or presses of the power button** | In case of system crash under extreme circumstances, press and hold the power button for 10-15 seconds to force a restart. A forced restart will not erase your synced cloud data, but unsaved ongoing recording clips may be lost. |
| **The device shows no response to charging after running out of power.** | After the battery is fully drained, the "trickle slow charging" protection of the chip is triggered. When plugged in for charging, the device will enter a "frozen" state where there is no screen feedback and no key response for a long time (this is designed to protect the battery). Simply extend the charging time appropriately, and the device will enter the normal charging state. |

# VII. SAFETY, REGULATORY AND WARRANTY INFORMATION

## 7.1 Reetle After-sales Service and Warranty Policy

Reetle after-sales service and warranty policy details about your Reetle SmartInk I device can be found on the REETLE website at: https://reetle.ai/en/returns

If you encounter any issues when using the Reetle SmartInk I device or need to file a warranty claim, please feel free to contact us:

- **After-sales Service Email**: support@reetle.ai

## 7.2 Safety Warnings and Compliance Statements

⚠️ **Battery Safety Warning** The device is equipped with a built-in non-removable lithium battery. Do not attempt to replace or disassemble it by yourself. Do not dispose of the device in fire, expose it to extremely high temperatures, or subject it to severe physical impact, as this may cause fire or explosion.

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If the above methods fail to resolve your issue, please contact the official after-sales team.

Service Email: support@reetle.ai | Official Website: https://reetle.ai