

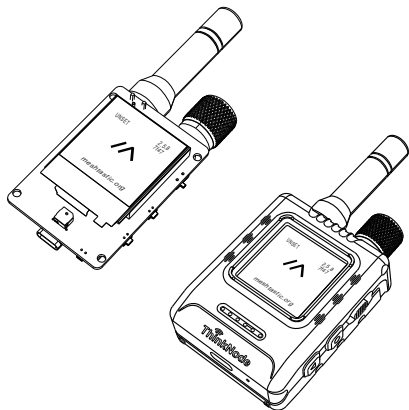
## Precautions

- Avoid placing the product in damp or high-temperature areas.
- Do not disassemble, impact, crush, or throw the product into fire; do not use after submersion in water.
- If the product shows physical damage or severe swelling, do not continue to use it.
- Do not use an unsuitable power supply to power the device.

## Main Specifications

Product Name	ThinkNode M5
Dimensions	82*51.6*26.3mm (Without antenna)
Weight	81g (With enclosure)
Screen	1.54" EPD
Type-C port	5V/1A
Battery Capacity	1200mAh

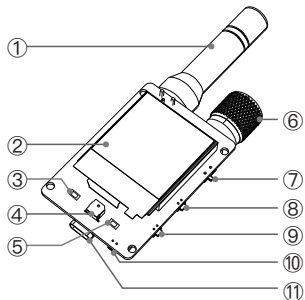
# ThinkNode M5



LoRaWAN Series Transceiver Device  
Powered By ESP32-S3

User Manual

## Device Parts



- |                        |                        |
|------------------------|------------------------|
| 1. LoRa Antenna        | 7. GPS Switch          |
| 2. 1.54" EPD           | 8. Function Button     |
| 3. Product Status LED  | 9. Page Turn Button    |
| 4. Buzzer              | 10. Reset Button       |
| 5. GPS/LoRa Status LED | 11. Type-C Port: 5V/1A |
| 6. Rotary Switch       |                        |

## Quick Guide

- **Rotary Switch:** Turn the power switch clockwise to turn on the device and adjust the backlight LED brightness level; turn it counterclockwise to turn off the power.
- **GPS Switch:** toggle to enable or disable GPS positioning function.
- **Function Button:**
  - Single Click:** Send a temporary ping to the network to report the device's location.
  - Double Click:** Turn the LED backlight on/off.
  - Triple Click:** Trigger an SOS alarm signal (three short, three long, three short), activate the buzzer, and make the indicator light blink.
  - Long Press:** Enter standby power-saving mode (Only can be awakened by clicking Function Button).
- **Page Turn Button:** Switch screen display pages by single click.
- **Reset button:** Click to restart/reboot the device.

**Notes:** Connect the Type-C cable to automatically enter programming mode.

- **Product Status LED:**
  - a. After the device is turned on normally, the red light stays on steadily.
  - b. The red light flashes rapidly to indicate charging status, and remains steady when fully charged
  - c. When the battery level is low, the red light will flash slowly.
- **GPS/LoRa Status LED:** GPS/LoRa working/data transmission status indication, blinking blue.