

Quick Start Guide for Meshstick

(USB Plug-and-Play Meshtastic LoRa Mesh Node)



USB Plug & Play



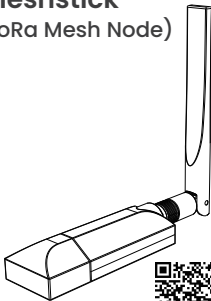
Multi-Device Compatible



Fully Open Source



Low-Cost Deployment



Scan the QR code to download the detailed manual

Product Introduction

Meshstick is an open-source LoRa Mesh USB adapter built on the CH341 + SX1262 chipset. Simply plug it into any Linux device to join the Meshtastic decentralized network. It features plug-and-play operation, a compact form factor, full open-source hardware, and a built-in unique serial ID. Designed for makers, radio enthusiasts, and emergency communication users, it is ideal for Raspberry Pi, routers, and long-range low-power communication in off-grid outdoor areas.

ⓘ *Note*

1. Always connect the antenna before plugging in the USB cable. Transmitting without an antenna may damage the RF chip.
2. For firmware flashing, use a jumper cap to short the internal pins.

Package Contents

- Meshstick *1
- Antenna *1
- Quick Start Guide *1

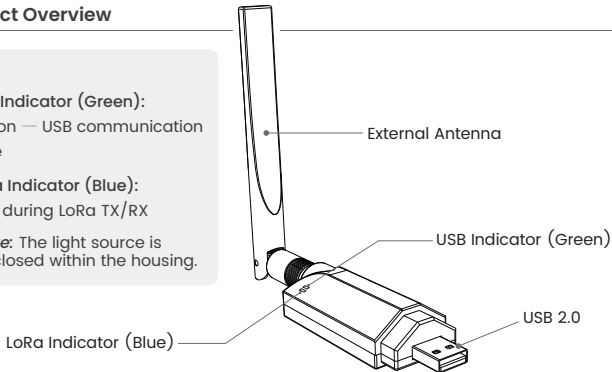
Product Overview

LED

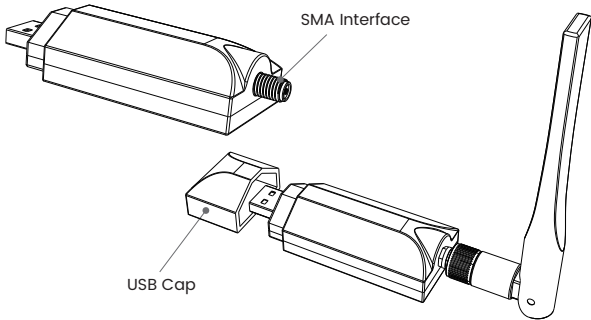
- **USB Indicator (Green):**
Solid on — USB communication active

- **LoRa Indicator (Blue):**
Blinks during LoRa TX/RX

ⓘ **Note:** The light source is enclosed within the housing.



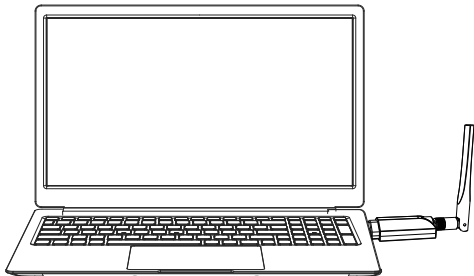
Product Overview



Specifications

Parameter	Specification
Interface	USB 2.0
Bridge Chip	CH341A
LoRa Chip	SX1262
Frequency	EU868 MHz / US915 MHz
Power TX	+22 dBm@Max
Antenna Connector	SMA (External Antenna)
Enclosure	Translucent Black Plastic Housing
Power Supply	USB Bus-Powered, No External Power Required
Dimensions	88×30×18mm (Excluding antenna)
Weight	36.6g (Including antenna)

Get Started



Connect to your PC, mesh in seconds