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INDUSTRIAL PRODUCT DATASHEET

# SenseCAP MeshTracker X1 for MeshCore

A card-sized MeshCore companion for off-grid messaging and location sharing.

| SKU | UPDATED | PRICE |
| --- | --- | --- |
| 100019795 | 2026-11-27 09:22:58 | $49.90(Excl. VAT) |



# Overview




A card-sized MeshCore companion for off-grid messaging and location sharing. MeshTracker X1 combines dual-band L1 + L5 GNSS, a Semtech LR2021 LoRa transceiver covering 863–928 MHz, an IP66-rated enclosure, and a 1100 mAh rechargeable battery with USB-C charging. Pair it with a compatible MeshCore app over Bluetooth to exchange messages beyond cellular coverage.

# Product Gallery



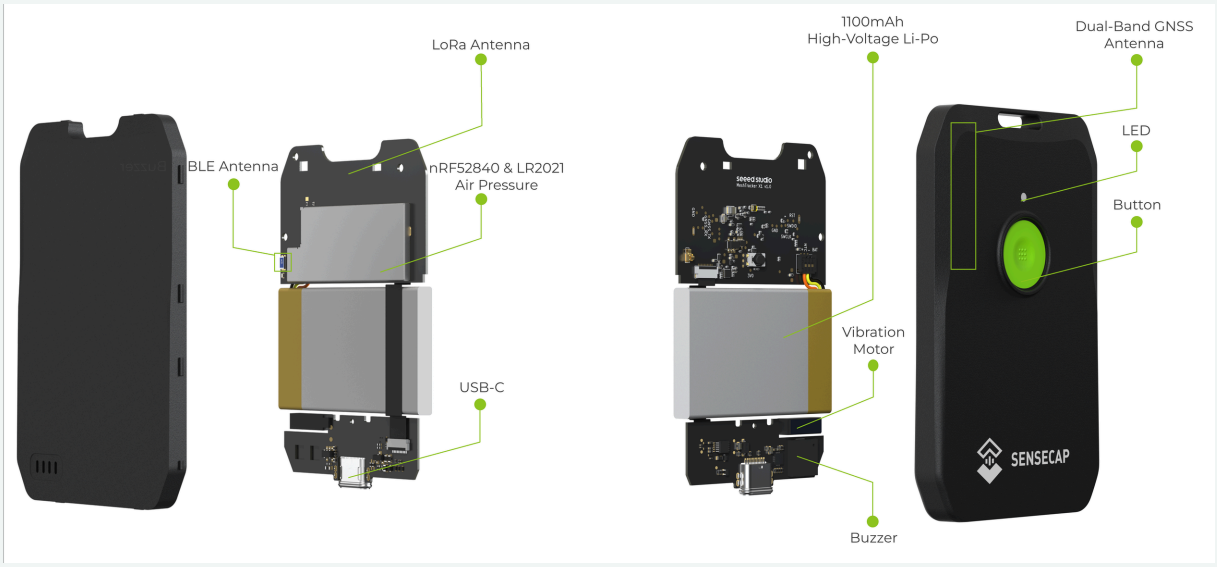


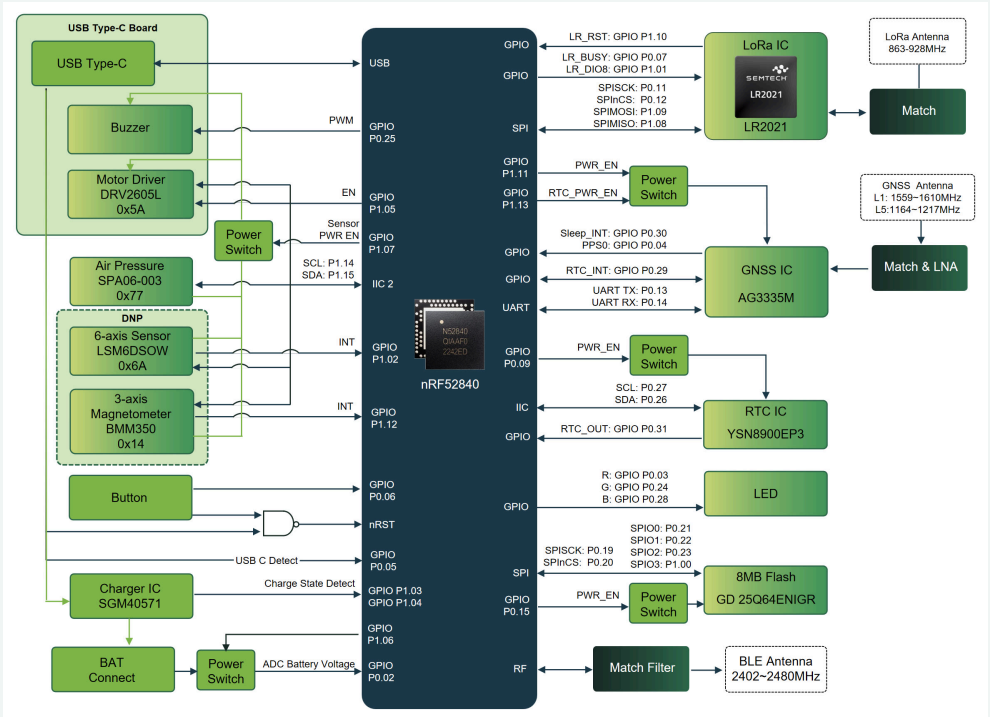






# Hardware Overview



# Applications

- **From crowded festivals to remote mountain trails, MeshTracker X1 helps you stay connected, share locations, and coordinate with your group—even when cellular networks are unavailable or overloaded.**
- **Recommended Use Cases:**
- **Hiking & Outdoor Adventures**
- **Stay Connected Beyond Cell Coverage:** Whether hiking through forests, exploring mountain trails, or backpacking into remote areas, MeshTracker X1 lets your group share locations and communicate when mobile coverage disappears.
- **Cycling & Skiing**
- **Track, Coordinate, and Ride Together:** Share location updates and coordinate meetups while cycling or skiing. Update frequency and message delivery depend on GNSS reception, firmware settings, and available radio coverage.
- **Festivals, Events & Races**
- **Keep in Touch with Your Group:** Exchange messages and location updates during festivals, outdoor events, and races without relying on cellular service. Communication requires compatible MeshCore devices with matching radio settings and sufficient direct or repeater coverage.
- **Safety & Emergency Preparedness**
- **Communication When It Matters Most:** MeshTracker X1 can provide an additional way to exchange messages and location updates when cellular service is unavailable. Delivery depends on power and radio coverage; it is not a guaranteed emergency alert or rescue service.

# Resource Links

- https://www.seeedstudio.com/SenseCAP-MeshTracker-X1-for-Meshcore-p-7047.html
- Battery Certification

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