

CHICKADEE - Wearable Badge Tracker

Rugged Badge Style Device for Asset Tracking

CHICKADEE is a cutting-edge LoRaWAN® device designed to revolutionize the way you keep track of your people. Built on the powerful LR1110 platform, this badge offers both GPS and BLE indoor and outdoor people location capabilities, so you can always know exactly where your personnel is located. Chickadee is ideal for critical infrastructure, where certain areas have restricted permission and/or require certain levels of protection.

- Construction Sites
- Warehouses
- Manufacturing Facilities
- Multi-Building Campuses



Technical and Functional System Specifications

General System Parameters

Operational Temperature	-10°C to +55°C
Ingress Protection	IP65
Size	96 x 60 x 12 mm
Battery	Custom Rechargeable Battery

Regulatory Compliance

Safety	IEC 62368-1 (CE)	
Regulatory	ETSI EN 300 220	
	ETSI EN 301-489-1/-3	
	FCC 15.247	FCC 15.209
	RSS-247	RSS-GEN

LoRa Parameters

RF Power	15 dBm
RF Sensitivity	-132 dBm (NA) -139 dBm (EU)
ISM Band	All Global ISM Bands
Antenna	Internal
LoRa Device Class	Class A

Key Features

- » 6+ Months Battery Life (Rechargeable)
- » Accelerometer
- » Bluetooth Low Energy Functionality
- » Data Transmission via LoRaWAN® and BLE
- » Wi-Fi Sniffing
- » Configurable Button for Event-Based Uplinks
- » Small Form Factor for Diverse Deployments
- » Easily Integrated into LoRaWAN® Networks
- » Internal Antenna
- » All Global ISM Bands

Specifications subject to change without notice