

Full-Size Tracking in a Palm-Size Package



Ultra-compact design



Airplane mode for air cargo tracking



Rechargeable via USB, with hardwired power options



GPS/GNSS, Wi-Fi®, and Bluetooth® LE 5.2 positioning



Temperature, humidity, pressure, light, and motion sensors

Small Tracker, Full Sensor Suite

BeMini tracks location, motion, temperature, light, air pressure, and humidity, giving you complete visibility into your equipment and the conditions it's operating in. Configure reports on a schedule, when motion is detected or whenever sensor readings cross thresholds.

Tracks Indoors, Where GPS Can't

Warehouses and hospitals swallow GPS signals. The BeMini switches to Wi-Fi and Bluetooth 5.2 positioning indoors, so an asset that moves from the loading dock to the back of the building doesn't fall off your map. Plus an onboard LED and buzzer help you find it in a crowded storeroom.

Power That Fits the Job

The rechargeable battery delivers up to 500 GPS location reports per charge—or up to 3x using Wi-Fi positioning. Need continuous operation? Power BeMini via USB (5V) or hardwire it to 6.5–100V and leave charging behind.

Cleared for Air Cargo

Airplane mode pauses cellular transmission for air freight legs, then resumes reporting once your shipment is back on the ground — so medical kits, field equipment, and high-value parcels stay accounted for across every mode of transport.

BeWhere BeMini™ · BEMINI

Some assets can't carry a full-size tracker — and some shouldn't advertise they're being tracked. At roughly a quarter the size of standard devices, the BeMini tucks into medical kits, retail equipment, and tool cases without drawing attention. It pairs with IntelliHub to report location as often as every 2 minutes, indoors or out.

Specification

General

Communication	LTE CAT M1 (LTE-M); LTE-FDD B2/B3/B4/B5/B8/B12/B20/B28
Location	GNSS (satellite) outdoor positioning; Wi-Fi 2.4 GHz and BLE 5.2 indoor micro-location; cell location
Reports	As frequently as every 2 minutes (configurable); on motion, timer, or sensor exception
Store & Forward	26 records retained when out of coverage
Airplane Mode	Supported, for air cargo tracking

Power

Primary	USB-rechargeable lithium-polymer battery (Micro-USB)
Optional	USB power wired (5V); power/ground hardwired (6.5V–100V)
Battery Capacity	Up to 500 pings per full charge with GPS enabled; up to 3x with GPS off and Wi-Fi location only

On-Board Sensors

Temperature	-40 to +85 °C (-40 to 185 °F); absolute accuracy ±0.5 °C
Humidity	Absolute accuracy ±3% RH
Pressure	300–1100 hPa; absolute accuracy ±1 hPa
Accelerometer	3-axis (motion detection, tilt/rotation)
Indicators	Onboard LED and buzzer
Ambient Light	Used for tamper / enclosure-open detection

Certifications & Durability

Certifications	FCC/IC, CTIA (PTCRB/OTA), Network Optimized
Ingress Protection	IP67
Operational Range	-20 to +70 °C (batteries); extended +70 to +80 °C for max. 4 hrs; 95% RH @ 50 °C, non-condensing

Physical

Dimensions	57 x 36 x 20 mm (2.24 x 1.42 x 0.79 in)
------------	---

© 2026 Forward Thinking Systems. All rights reserved. Specifications subject to change without notice. Wi-Fi® is a registered trademark of Wi-Fi Alliance. Bluetooth® and the Bluetooth® logo are registered trademarks of Bluetooth SIG, Inc. Reference to third-party marks does not imply endorsement, sponsorship, or affiliation.