

Micro Asset Tracker

NMS MT100 SPECIFICATION SHEET



OVERVIEW

Ideal for for any setting, the NMS MT100 micro tracker is an ultra-low profile, compact asset tracker that integrates LTE / NB-IoT, modem, antenna, and a long lasting battery all into one. The NMS MT100 is suitable for insertion into envelopes, small or large packaging, is reusable and completely waterproof with an IP54 and IP65 rating. Other applications for the NMS MT100 include the tracking and theft prevention of luggage, remote goods and tools. Real-time GPS location of your assets are viewable through the NovaAssure platform and mobile app.

HIGHLIGHTS

- LTE Cat-M1 / NB-IoT
- WiFi / Bluetooth BLE
- Integrated cellular and GNSS antenna
- Integrated accelerometer
- BLE5.0 support, low power consumption
- Over the air configuration and firmware update

- Platform configuration / battery indicator
- Multi-year battery life
- Easy installation
- IP54/65 Rating (waterproof)
- Device is the size of a business card



BENEFITS

- Multi-Carrier Device
- Low Cost / Easy To Use
- Simple / Discrete Installation
- Quick setup and go

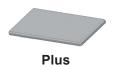


SPECIFICATION

Communication	LTE-M/NB-IoT			
Bands	Worldwide 17 bands coverage			
Protocol	CoAP over UDP			
Outdoor Localisation	Assisted GPS, Galileo* / Cell-ID fallback			
Battery	Li-Ion Polymer (LIP) or Li-MnO2			
Time To First Fix	0.5 to 2sec			
Accuracy	3 to 5m			
Indoor Localisation	Wi-Fi Positioning System (Optional)			
Features / Wake-up	Accelerometer, Shock detector, Temperature sensor			
Temperature Sensor	+/- 1.0°			
Compliance	CE, FCC, ROHS, UN38.3			
Rating	IP54 or IP65			
Material	ABS plastic / Polycarbonate			
Charging Temperature	0+40°C			

VERSIONS







	Ultra		Plus		Long			
	MT 0xx	MT 1xx	MT 2xx	MT 3xx	MT 4xx	MT 5xx		
Size / Weight	82.6 x 35.2 x 3.0 mm -13g		82.2 x 34.8 x 5.0 mm - 16g		82.2 x 34.8 x 7.7 mm - 20g			
Battery	150mAh/Li-Ion	150mAh/Li-Ion	600mAh-Li-MnO2	300mAh/Li-Ion	1200mAh-Li-MnO2	600mAh/Li-Ion		
Recharge	-	Wireless charging (2H)	-	Wireless charging (2H)	-	Wireless charging (2H)		
Autonomy	Up to 1 year – 1fix/day	Up to 1 year – 1fix/day	4 year – 1fix/day	2 year – 1fix/day	8 year – 1fix/day	2 year – 1fix/day		
Operating Temp.	-20+60°C	-20+60°C	-40+60°C	-20+60°C	-40+60°C	-20+60°C		
Indoor Localisation	Wi-Fi Positioning (Option)							
Rating	IP54, CE, FCC, F	ROHS, UN38.3	IP65, CE, FCC, ROHS, UN38.3					