



PRODUCT SPECIFICATIONS

LoRa Personal Tracker

NL-T212H



GlobalSat WorldCom Corporation

16F., No. 186, Jian 1st Rd, Zhonghe Dist.,
New Taipei City 23553, Taiwan
Tel: 886.2.8226.3799/ Fax: 886.2.8226.3899
service@globalsat.com.tw
www.globalsat.com.tw

USGlobalSat Incorporated

14740 Yorba Court Chino, CA 91710
Tel: 888.323.8720 / Fax: 909.597.8532
sales@usglobalsat.com
www.usglobalsat.com

Introduction:

NL-T212H is a personal tracking device incorporating the LoRa and GPS technologies. The function of wireless communication by GSM/3G module for typical trackers is replaced by LoRa module in NL-T212H LoRa tracker. Compared to GSM/3G module, LoRa module has the advantage of low power-consumption and long distance transmission.

NL-T212H is a tracking device with fast GPS acquisition time. It is built-in with 920 mAh high-capacity battery for long operation time. Users can remotely configure with ease. And it can display its physical location via a mapping application of choice.

Features :

- High sensitive GPS chipset.
- Ultra-high sensitive receiving ability by LoRa spread spectrum modulation technology
- Quick GPS fix to locate device position.
- Long-distance transmission
- Instant wake up over the air
- Position tracking function: locate with preset time interval or “ping” report via LoRa .
- Panic button for emergency notification.
- Low battery alarm by report
- Vibrator function.

Specifications :

LoRa Module	LR-101H LoRa module
LoRa Antenna Type	Omni-directional SMA/50Ω
GPS Chipset	High performance GPS module
GPS Antenna Type	Patch antenna
LoRa band	862-1020MHz
Operating Temperature	With battery -20°C~60°C
	With charger 0°C~45°C
Humidity	5% to 95% Non-condensing
Battery	Rechargeable 920mAh Li-ion battery
Charging Time	4.5 hours(Max) for AC Charger
Battery Life	Power-saving mode: around 700 hours
USB Port	Mini USB port for connecting to PC and charging
Charging	DC 5V
LED Indicator	LED for GPS, power status, one LED is reserved
Dimension	79.1mm x 41.6mm x 18.4 mm (W/O antenna connector)
Button	3 buttons: Power button Panic button Reset key
Sensor	Accelerometer (Integral 3 axis accelerometer and motion sensing capability)
Waterproof	IPX4