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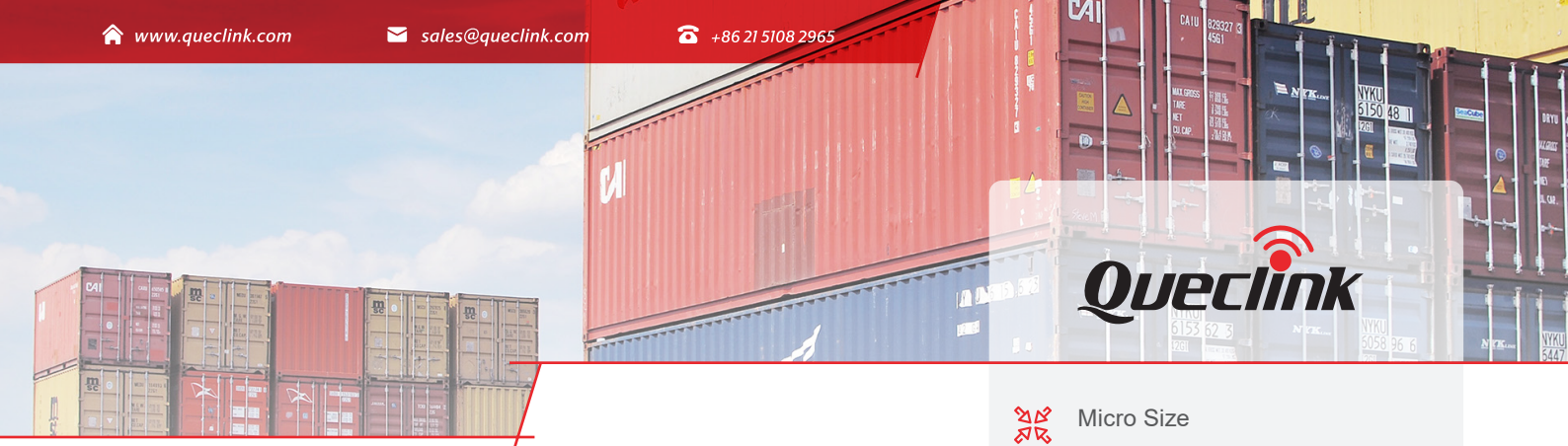

GL52LP

LoRa micro standby asset GNSS tracker

45g (1.59oz)

46.8 × 41.8 × 16.9mm
1.84"(L) ×1.65"(W) ×0.67"(H)

-20˚C ~ +60˚C

Lithium manganese dioxide battery, 2400 mAh

Standby Time

1 Report/Day	1700 Days (>4 Years)
1 Report/6 Hours	529 Days

- Micro Size
- Covert Installation
- 4 Years Standby Time
- GNSS Positioning
- Supports LoRaWAN
- Resistant to Existing Jamming Techniques
- Scheduled Timing Report
- Power Saving Mode
- Continuous Mode
- Battery Level Report
- Motion Detection
- Geo-fence
- Wakeup Report
- OTA Control
- IP67 Waterproof Case (Optional)

The GL52LP is Queclink 's first LoRa integrated product , targeting inventory control , stationary asset monitoring and other tracking management applications that require both a small size and a battery life of over 4 years. The GL52LP is an excellent example of Queclink's commitment to invest in emerging new technologies. LPWA solutions, such as LoRa, provide a very low power alternative when engaged in battery powered applications. It is equipped with GNSS receiver and motion sensor for location and motion detection.

GL52LP

Region	Region	RF Frequency	GNSS Type	Position Accuracy (CEP)
LoRa	EU863-870MHz: Europe AU915-928MHz: Brazil, Australia, Latin America US902-928MHz: USA, Mexico, Latin America	863-870Mhz 902-928Mhz	u-blox All-in-One GNSS receiver	Autonomous: < 2.5m

Appearance

Interfaces

LoRa Antenna	Internal only
GNSS Antenna	Internal only
LED Indicator	Power on

Air Interface Protocol

Command Set	@Track Air Interface Lite Protocol
Transmit Protocol	LoRaWAN
Working Modes	Continuous mode, for emergency real-time tracking
	Power saving mode, for long standby time
Scheduled Timing Report	Position and status reports at preset intervals
Motion Detection	Motion alarm trigger and optional change of working mode based on internal 3-axis accelerometer
Wakeup Report	Wake up at preset intervals