

# LEO User Terminal



## Features

- Fan-less, smart thermal design
- Delivering high-speed, low latency performance connectivity. Ideal for real-time data transfer, video, and voice services.
- External GNSS input for GPS-denied environments.

## Application

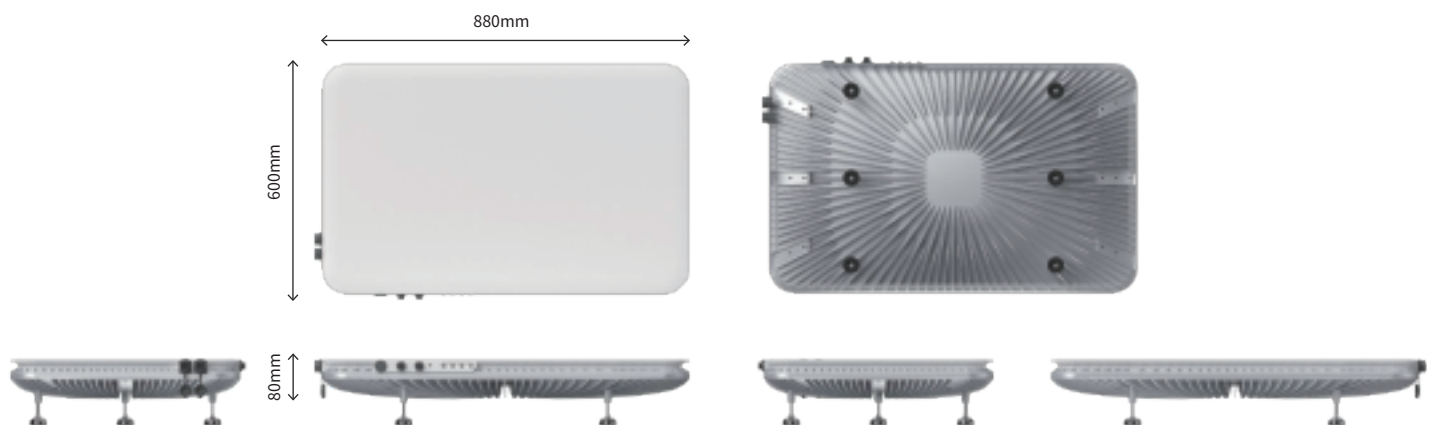
- Emergency services
- IoT, Cloud services application
- Government and military defense
- Maritime, Logistics and transportation tracking

## Performance Advantages

- Excellent in tracking algorithms.
- Excellent link margin performance.

# Specification table

Item	Spec description
RF Frequency Range	TX 14.0~14.5GHz RX 10.7~12.7GHz
EIRP	33.6 dBW(0°)
Beamwidth	3°
Beam Resolution Tx/Rx	0.5°
Beam Switching	< 400 μs
Accuracy	Tracking Accuracy ±0.5°
GPS	Internal GPS/ GNSS/ Galileo
IMU	Internal IMU Subsystem 9-Axis Gyro, Accelerator
Azimuth Range	±360°
Elevation Range	±60°
Dimensions HxWxD	880x600x80 mm
Weight	<25 Kg w/o power adaptor, IP66, Fan-less
Operating Temperature	32°F - 110°F (0°C - 45°C)
Power Consumption	354W
Powering Type	12V DC
Connector	Ethernet



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