

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	39dBW(0)
Beamwidth	3
Beam Resolution Tx/Rx	0.5
Beam Switching	< 400 us.
Accuracy	Tracking Accuracy 0.5
GPS	Internal GPS/ GNSS/ Galileo
AMU	Internal IMU Subsystem 9-Axis Gyro, Accelerator
Azimuth Range	360*
Elevation Range	+53
Dimensions HxWxD	600x600x80 mm
Weight	<25 Kg wlo power adaptor, IP66, Fan-less
Operating Temperature	32°F - 110°F (0°C-45°C)
Power Consumption	250W
Powering Type	24V DC
Connector	Ethernet



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For additional information, please +866-3-3631901 or email slb.sales@auden.com.tw