

LEO-L50

Outdoor Asset Tracking Device



Features

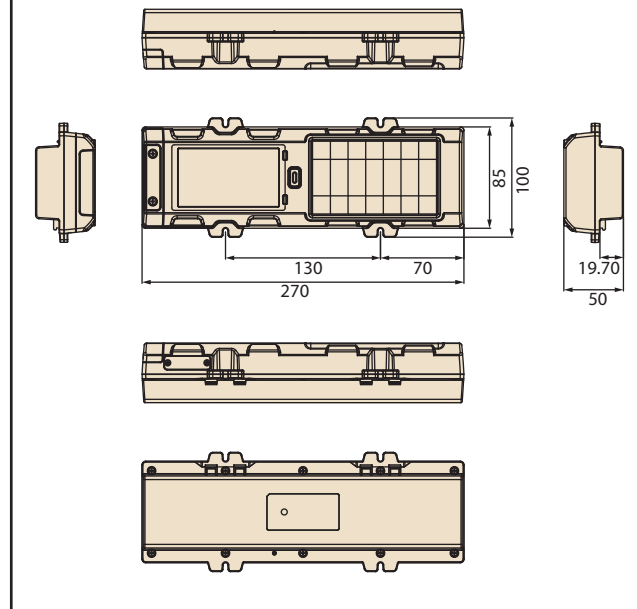
- Solar-charging for long battery life
- Rugged design (IP67, 5M3, C1D2) for harsh environment
- Global Operation
- Support DCSA (Digital Container Shipping Association) standardization

Specifications

Computing System	MCU	128/64 MHz Arm Cortex-M33
	Memory	RAM 512 KB
Storage	Internal	Flash: 1 MB
	External	SPI Flash: 8 MB
Communication	Cellular	Cat.1 FDD Band: 1, 2, 3, 4, 5, 7, 8, 12, 13, 18, 19, 20, 26, 28 TDD Band: 38, 39, 40, 41
		2G: Band: 1, 2, 5, 8
GNSS	Supported Networks	GPS, QZSS, GLONASS, Galileo, BeiDou
Internal Sensors	G-sensor	3-Axis, ±16g accelerometer
	Temperature	Ambient temperature
Power	Battery Pack	33.8Wh
	Harvesting source	Solar Panel
I/O	I/O Extension Port	1
Button	Remove Detection	Spring switch
	Setting Button	1
LED	Indicator	LED (R/G/B) x 2
Environment	Operation Temperature	-30°C ~ 80°C
	Humidity	90% @ 40°C (non-condensing)
	Ingress Protection	IP67
	Vibration/Shock	5M3
Certification	EMC	CE/FCC/NCC
	Safety	C1D2
SIM		Nano SIM
Protocol		MQTT

Dimensions

Unit: mm



Ordering Information

Part Number	Description
LEO-L50-G0	LEO-L50 Outdoor Asset Management-Global sku

Packing List

- 1 x Rear Bracket
- 2 x Screws