



LandAirSea 54 Overdrive

Real Time GPS Asset Tracker
Compact, Waterproof, Internal Magnet
Engineered and Assembled in the U.S.A.



The LandAirSea 54 Overdrive device helps you keep up to date on your most important assets. Featuring a compact, waterproof design with a built-in super-strength magnet. Receive notification alerts, track the device's location on a map, and view historical playback. The 54 Overdrive was engineered and is assembled in the U.S.A.



SPECIFICATIONS

WIRELESS COMMUNICATION

Multi-Mode	4G LTE CAT M1 / 4G LTE CAT NB1 / EGPRS (2G)
Global Bands	Cat M1/NB1: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B26/B28/B39 EGPRS: 850/900/1800/1900 MHz
Region	Global
Carrier Certifications	Vodafone / Deutsche Telekom / Telefónica / Verizon / AT&T / T-Mobile / Sprint / U.S. Cellular / Rogers / Telus / KT / SKT / LGU+ / NTT DOCOMO / SoftBank / KDDI / Telstra
Regulatory Certifications	GCF / CE / FCC / PTCRB / IC / Anatel / IFETEL / CCC / KC / NCC / JATE / TELEC / RCM / NBTC / IMDA

LOCATION SERVICES

GNSS	GPS / GLONASS / BeiDou-Compass / Galileo / QZSS
Assisted GNSS	Online / WASS

FEATURES

- Waterproof Design / IP67 rated
- Integrated built-in high strength magnet
- Extremely powerful GNSS and Cellular Antennas designed for non-ideal conditions. WASS (Wide Area Augmentation System) compatible for added accuracy option
- Permanent Power Connection (Hard Wired) Waterproof Cable Option
- Temperature monitoring and reporting
- Selectable real time location updates as fast as 1 Hz (1 second updates)
- Alarm Mode Scheduler for high theft risk hours
- GPS Mileage reporting (Daily, Weekly, Monthly or selectable time frame)
- ShareSpot (Share the device location via text or email to anyone easily)
- InstaFence (Instant notification if the asset leaves the current location)
- Geofence notifications and reports. Geofence notifications for non-use hours operation
- LED Control (Remotely turn all LED's on or off)
- Historical Playback (Bread crumbs). Archival services available for long term storage
- Instant activation and deactivation of data service if device is not in use
- Over the Air (OTA) firmware update feature for future additional functionality
- Full API catalog for customized system integration

ENVIRONMENTAL DATA

Operational temperature	-40° C to 60° C
Storage temperature	-40° C to 60° C
Humidity	< 95% non-condensing
Drop	3 feet onto concrete
Sealing	Waterproof to IP67 standards
RoHS compliant (lead-free)	
Green (halogen-free)	

BATTERY / TECHNICAL

Internal Battery	Li-On rechargeable, 3.7V, 4240 mAh
Charging / Input	4.5 - 5.5V
Voltage Charging Port	USB Micro B
Battery Charge Time	Approximately 8 hours from 0-100% at 25°C
Internal Microprocessor	32-bit bluetooth enabled
Internal Flash memory size	32 Mb
Accelerometer / Gyroscope	3-axis accelerometer/gyroscope

INDICATOR / BUTTONS

LED	3 LED programmable (Battery, LTE Connectivity, GPS)
On/Off/Reset Button	Touch Pin Sensitive (Power – Shortpress / Reset Hold 5 second)

PHYSICAL CHARACTERISTICS

Grade	Industrial
Dimensions	D: 3.0 in. H: 1.5 in.
Weight	310g

Product Images



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