



Seal. Track. Trace



RadioSecure™ SLM

Intelligent Standalone Seal Lock Master uses active RFID technology, GSM, GPRS and GPS to **report real time location and status** to a hosted web-based supply chain visibility and security system. Equipped with **security-tampering sensor**, any unauthorized unsealing or violation of pre-set parameters will trigger an immediate Event Reporting. This level of insight facilitates immediate action to be taken to ensure **integrity of supply chain**.

Key Features

- ✎ Hassle-free Installation
- ✎ Flexible cable with break load of 1000kgf to secure any types of cargo
- ✎ Remote monitoring of cargo
- ✎ Rugged and Industry approved device
- ✎ <10s Alert Delivery time
- ✎ Tampering Alerts
- ✎ Geofencing Alerts
- ✎ User-configurable location update interval
- ✎ Long battery lifespan
- ✎ OTA Firmware Upgrade and Parameters Configuration

Benefits



Protect the integrity of Cargo

- Real time alerts and status update of the cargo allows recovery actions and minimize losses.



Automate Processes

- Automated system provides data to eliminate human error and automate container inspections.



Monitor Anytime, Anywhere

- Web-based system accessible via special credentials. Available on mobile application too.



Reduce Claims and Risk

- Utilize system data analytic for preventive measures



Improve Customer Service

- Deliver perishable goods safely and on-time, reducing cost and increasing efficiency.



Reports and Data Analysis

- Automatic one page report generation of every trip.

Application

Container | Rail Cargo | Reefer Container | Tarpaulin Truck | ECTS | Cross Country Tracking

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Specification (2G/Cat M1/NB-IoT Version)

Model Number	RS-SLM-324C	RadioSecure™ Seal Lock Master
Physical	L x W x D Standard Cable Length Standard Bolt Length Weight per set Color	240mm x 120mm x 57mm 50cm 13cm 1215g Blue, Black
Environmental	Operating Temperature Storage Temperature Humidity Weatherproofing	-30°C to 70°C -40°C to 80°C 95% non-condensing IP67
Wireless	Frequency Active Transmission Power RF Range	ISM 2.4Hz QFSK modulation <18dBm (»100mW) 500m L.O.S.
GPRS	Bands Cat M1/Cat NB1 EGPRS SIM Failover	LTE Cat M1/Cat NB1/EGPRS LTE FDD: B1/B2/B3/B4/B5/B8/B12/B13/ B18/B19/B20/B26/B28 850/900/1800/1900MHz Dual-SIM slots (Primary & Secondary) GPRS failover to SMS
Satellite Constellation System	GPS Sensitivity Position Accuracy Acquisition Time (Hot Start) Maximum Velocity Speed accuracy GLONASS Antenna	-162dBm to -165dBm Autonomous 3m 1s <515m/s 0.1 m/s Yes Built-In active Antenna
Memory Capacity	Internal Flash Memory External Flash Memory	512KB 16MB
Electrical	Battery Battery Capacity Battery Type Active Current Drain Inactive Current Drain	Rechargeable Built in 10,500mAH Lithium Ion <300mA <3mA

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Specification (3G Version)

Model Number	RS-SLM-324C	RadioSecure™ Seal Lock Master
Physical	L x W x D Standard Cable Length Standard Bolt Length Weight per set Color	240mm x 120mm x 57mm 50cm 13cm 1215g Blue, Green, Brown, Orange
Environmental	Operating Temperature Storage Temperature Humidity Weatherproofing	-30°C to 70°C -40°C to 80°C 95% non-condensing IP67
Wireless	Frequency Active Transmission Power RF Range	ISM 2.4Hz QFSK modulation <18dBm (»100mW) 500m L.O.S.
GPRS	Bands GSM Bands 3G Bands SIM Failover	GSM/GPRS/EDGE Quad Band/3G 850/900/1800/1900 MHz 800/850/900/1900/2100MHz Dual-SIM slots (Primary & Secondary) GPRS failover to SMS
Satellite Constellation System	GPS Sensitivity Position Accuracy Acquisition Time (Hot Start) Maximum Velocity Speed accuracy GLONASS Antenna	-162dBm to -165dBm Autonomous 3m 1s <515m/s 0.1 m/s Yes Built-In active Antenna
Memory Capacity	Internal Flash Memory External Flash Memory	512KB 16MB
Electrical	Battery Battery Capacity Battery Type Active Current Drain Inactive Current Drain	Rechargeable Built in 14,000mAH Lithium Ion <300mA <3mA

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