



Seal. Track. Trace



## RadioSecure™ SLM-i

Intelligent Standalone Seal Lock Master uses active RFID technology, Iridium, 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. Should there be no GSM network coverage, it automatically uses **Iridium technology** to deliver data. 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
- ⌘ Iridium technology
- ⌘ Rugged and Industry approved device
- ⌘ <10s Alert Delivery time
- ⌘ Tampering Alerts and 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 | Ocean Tracking

**ENVOTECH NETWORK SDN BHD (657306-W)**

**EMAIL:** presales@envotech.com.my

**VISIT:** www.envotech.com

**CALL:** +605-5278287



Seal. Track. Trace

## Specification (2G/Cat M1/NB-IoT version)

Model Number	RS-SLM-i-324C	RadioSecure™ Seal Lock Master-iridium
<b>Physical</b>	L x W x D Standard Cable Length Standard Bolt Length Weight per set Color	275mm x 171mm x 57mm 40cm 13cm 1515g Black
<b>Environmental</b>	Operating Temperature Storage Temperature Humidity Weatherproofing	-30°C to 70°C -40°C to 80°C 95% non-condensing IP67
<b>Wireless RFID</b>	Frequency Active Transmission Power Range	ISM 2.4Hz QFSK modulation <18dBm (»100mW) 500m L.O.S.
<b>Iridium</b>	Frequency Range	1616MHz to 1626.5MHz
<b>GPRS</b>	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
<b>Satellite Constellation System</b>	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
<b>Memory Capacity</b>	Internal Flash Memory External Flash Memory	512KB 16MB
<b>Electrical</b>	Battery Battery Capacity Battery Type Active Current Drain Inactive Current Drain	Rechargeable Built in 21,000mAh Lithium Ion <300mA <3mA

**ENVOTECH NETWORK SDN BHD (657306-W)**

**EMAIL:** [presales@envotech.com.my](mailto:presales@envotech.com.my)

**VISIT:** [www.envotech.com](http://www.envotech.com)

**CALL:** +605-5278287



Seal. Track. Trace

## Specification (3G version)

Model Number	RS-SLM-i-324C	RadioSecure™ Seal Lock Master-iridium
<b>Physical</b>	L x W x D Standard Cable Length Standard Bolt Length Weight per set Color	275mm x 171mm x 57mm 40cm 13cm 1515g Blue, Green, Brown, Orange
<b>Environmental</b>	Operating Temperature Storage Temperature Humidity Weatherproofing	-30°C to 70°C -40°C to 80°C 95% non-condensing IP67
<b>Wireless</b>	Frequency Active Transmission Power RF Range	ISM 2.4Hz QFSK modulation <18dBm (»100mW) 500m L.O.S.
<b>Iridium</b>	Frequency Range	1616MHz to 1626.5MHz
<b>GPRS</b>	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 and/or Iridium
<b>Satellite Constellation System</b>	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
<b>Memory Capacity</b>	Internal Flash Memory External Flash Memory	512KB 16MB
<b>Electrical</b>	Battery Battery Capacity Battery Type Active Current Drain Inactive Current Drain	Rechargeable Built in 21,000mAH Lithium Ion <350mA <3mA

**ENVOTECH NETWORK SDN BHD (657306-W)**

**EMAIL:** [presales@envotech.com.my](mailto:presales@envotech.com.my)

**VISIT:** [www.envotech.com](http://www.envotech.com)

**CALL:** +605-5278287