ENVOTECH NETWORK

Seal. Track. Trace.

RadioSecure™ SLM4-m

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** and **enhanced with motorize mechanism**, it offers added security to sealing, allowing only **authorized personnel to unseal**. Any violation of pre-set parameters will trigger an immediate Event Reporting. This level of insight and security facilitates immediate action to be taken to further ensure the **integrity of supply chain**.

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 cargo inspections.

Monitor Anytime, Anywhere
- Web-based system accesible 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.

Key Features

- ℵ Hassle-free Installation
- ℵ Flexible cable with break load of 1000kgf to secure any types of cargo
- ℵ Enhanced with motorize mechanism to provide extra security to sealing
- ℵ Lightweight and compact
- ℵ Rugged and Industry approved device
- ℵ <10s Alert Delivery time
- ℵ Tampering Alerts and Geofencing Alerts
- ℵ User-configurable location update interval
- ℵ Long battery lifespan
- ℵ OTA Firmware Upgrade and Parameters

Application

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

ENVOTECH NETWORK SDN BHD (657306-W)

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NETWORK

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Specification (EU 2G/LTE)

Model Number	RS-SLM	RadioSecure™ Seal Lock Master
Version	RS-SLM4-m	RadioSecure™ Seal Lock Master4-motor
Physical	L x W x D Standard Cable Length Weight per set Color	164mm x 104mm x 46.5mm 16'' ±1000g 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 BLE	ISM 2.4Hz QFSK modulation <18dBm (»100mW) 500m L.O.S. Yes
GPRS	GSM Bands LTE-FDD LTE-TDD SIM Failover	B2/B3/B5/B8 B1/B3/B5/B7/B8/B20/B28 B38/B40/B41 Dual Nano SIM slots (Primary & Secondary) 4G failover to 2G/SMS
Satellite Constellation System	GPS Sensitivity Position Accuracy Acquisition Time (Hot Start) Maximum Velocity Speed accuracy GPS Beidou Antenna	-162dBm to -165dBm Autonomous 5m 1s <515m/s 0.1 m/s Yes 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 (default), 13,000mAH Lithium Ion/Lithium Polymer <300mA <3mA
Mechanical	Motorized Sealing/Unsealing	4 modes available: •automatically engaging/releasing the seal locking when condition is satisfied •manually engaging/releasing the seal locking via software platform OTA •engaging/releasing seal locking with mobile App •engaging/releasing seal locking with authorized ID card

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Specification (Asia 2G/LTE)

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GPRS	LTE-FDD LTE-TDD GSM SIM Failover	B1/B3/B8 B34/B38/B39/B40/B41 B3/B8 Dual Nano SIM slots (Primary & Secondary) 4G Failover to 2G/SMS
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