Savi®

Seal Lock Master (SLM or SLMi)

The SLM is an essential hardware component used in tracking high value assets like intermodal containers and conveyances using active RFID, GPRS, GPS and satellite technology. SLM enables shippers, manufacturers, logistics service providers and asset owners the ability to have secure supply chain visibility of their assets as they move throughout the global supply chain.

Considered a Master member of the Savi portfolio of products, SLM will wirelessly connect to the Seal Lock Asset (SLA), Seal Lock Slave (SLS) and Seal Lock Environmental (SLE). The SLM periodically reports its security and environmental status via GSM infrastructure to Savi Tracking, a hosted, web-based supply chain security and visibility system.   If unauthorized unsealing or tampering occurs, this will cause the SLM to switch to Event Reporting in real-time which allows for corrective actions to be taken.

Having the knowledge that intervention is needed or not is all a part of the Value of Knowing™.

Specifications

Envotech Model Number

RS-SLM-324C-EW	Radio Frequency Cable Security Seal
RS-SLMi-324C-EW	Radio Frequency Cable Security Seal with Iridium SatCom

Physical

LxWxD	210mm x 105mm x 55mm (SLMi - larger)
Standard Cable Length	50mm
Standard Bolt Length	13mm
Weight	880gm (1026.7 for SatCom version)

Environmental

Temperature	-30°C to +70°C, Range 200m L.O.S. (Line of Sight)
Humidity	95% non condensing
Vibration and Shock	Designed to meet MIL-STD-810-F
Weatherproofing	Designed to meet IP65 weatherproofing

Wireless

Frequency	ISM 2.4GHz QFSK modulation
Active Transmit Power	<18dBm (~100mW)
Range	200m L.O.S. (Line of Sight)
Protocol	Proprietary
Air Data Rate	250kbps

GSM/GPRS

Bands	GSM/GPRS/EDGE Quad Band
SIM	Dual-SIM slots (Primary & Secondary)

GPS

Channel	16 Optional Extended Ephemeris aGPS 3D Accelerometer (optional)
Antenna	Built-In GPS Patch Antenna

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Specifications (continued)

Satellite	
Iridium Short Burst Data (SBD)	(SLMi only)

Electrical	
Battery	Rechargeable 3.6v, 9.6AH Lithium-Ion
Active Current Drain	<240mA
Inactive Current Drain	<300uA

RF Data	
Packet Data	32 bytes per FIFO

Mechanical	
Break Load	>1000kgf (cable) >1500kgf (bolt)

Product Accessories	EVT Model Number
SLM Programming Tool	EN-PL2303-SLM2-PC1
SLM Cable 30cm	BHSSC-3512
SLM Cable 80cm	BHSSC-35315
SLM Cable 160cm	BHSSC-3563
SLM Cable 50m (Nylon Coated)	BHSSC-3550-M
SLM Cable 60m (Nylon Coated)	BHSSC-3560-M
SLM Power Pack Reset Tool	EN-PWR-RST-8P
Disposable Bolts for SLM	HB136- LBBFL-SV
Reusable Bolts for SLM	RHB116-2H-250
SLM Sim Card Hatch	SLM-SCC-BK01
SLM 5 Gang Charger	EN-CHGR-05G-4203

CONTACT US

To learn more about the full range of Savi's solutions, please contact us at (888) 994-SAVI (7284), info@savi.com or visit www.savi.com.

About Savi

Savi Technology provides enterprises and organizations with unique and critical insight through the Savi Sensor Based Analytics Platform. The platform gives enterprises the ability to access, analyze and learn from new data in ways previously impossible, yielding streamlined operations, enhanced security and dramatically improved enterprise decision-making. Savi is headquartered in Alexandria, VA, with operations in Lexington, KY and around the world. Savi was recently named a 2013 Computerworld Honors Laureate for the economic improvements its technology has provided to several countries in Africa. Savi has more than 100 domestic and foreign issued patents covering a variety of technologies and is an active participant in several industry standards bodies including ISO 18000-7. For more information visit www.savi.com.