Seal Lock Slave (SLS)

SLS is an active RFID based security tag for tracking conveyances and high value assets in Savi Tracking. The SLS provides the same functionality as a Seal Lock Asset (SLA) tag but in the Seal Lock Master (SLM) form factor. This enables Savi Tracking users to leverage an SLA-like device providing the flexibility of a variable length cable seal, a bolt seal, and additional battery performance for longer journeys.

It enables shippers, manufacturers, logistics service providers and asset owners the ability to actively monitor the security and integrity of shipments or assets as their goods move through the supply chain. The SLS periodically reports its security (and optionally, environmental status) wirelessly to SLMs or In-Vehicle Masters (IVMs) which will in turn report via GSM infrastructure to Savi Tracking, our hosted, web-based supply chain security and visibility system.

The user friendly device can be operated by inserting the reusable cable-bolt mechanism and securing it in place with a C-TPAT high security seal. It has the mechanical strength of RadioSecure SLM Seal locking mechanism and the electronic functionality of a Radio Secure SLA. The low-cost-per-sealing and rugged design make this Patent Pending, self-contained, re-useable cable locking electronic seal a very practical and versatile solution to seal almost any type of asset.

Specifications

Envotech Model Number	
RS-SLS-724C - EW	Radio Frequency Cable Security Seal

Physical	
LxWxD	210mm x 105mm x 55mm
Standard Cable Length	50cm
Standard Bolt Length	13cm
Weight	740gm

Environmental	
Temperature	-20°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
Weatherproofing	Designed to meet IP65 weatherproofing

Wireless	
Frequency	ISM 2.4GHz QFSK modulation
Active Transmit Power	<18dBm (~100mW)
Range	400m L.O.S. (Line of Sight)
Protocol	Proprietary
Air Data Rate	250kbps

Electrical	
Battery	Rechargeable 3.6V, 4.8AH Lithium Ion
Active Current Drain	<50mA
Inactive Current Drain	<20uA

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In the event of any unauthorized unsealing (or optionally, temperature or humidity breaching a predetermined high/low threshold) of the SLS, the device will cause an alert event in the Savi Tracking console with very little time lag. Then, timely appropriate corrective measures may be taken – which is all part of the Value of Knowing™.

Specifications (continued)

RF Data	
Packet Data	32 bytes per FIFO
Mechanical	
Break Load	>1000kgf (cable) >1500kgf (bolt)
Product Accessories	**EVT Model Number**
SLS Programming Tool	EN-PL2303-SLS-PC1

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.