



SaviTag ST-602

Built on Savi's EchoPoint™ technology, the SaviTag ST-602 takes real-time data collection to a new level. The SaviTag ST-602 merges long-range communication with precise spot-level locating - together with a truly attractive price point. This combination of features enables highly reliable tracking without impacting your existing business operations. Designed for the robust demand of global supply chains, these tags provide effective and automatic tracking of assets and items throughout the enterprise and extended supply chain.

EchoPoint™ Technology

Savi's EchoPoint technology is an innovative and patent pending technology that leverages the best features from several traditional RFID technologies into a single, highly cost effective solution. Using two operating frequencies, EchoPoint combines long-range communication with precise spot-level locating. Together with worldwide acceptance and low infrastructure costs, EchoPoint is uniquely suited to the demands of today's global supply chains.



Features:

Long-range (100 M) monitoring of thousands of tagged items within yards, terminals, warehouses, and other open areas.

Precise locating of tagged items at dock doors, parking slots, storage bins, and other locations outfitted with signposts.

High-speed, multi-tag collection (100's of tags) at dock doors, vehicle lanes, and other portals.

Shutdown capability to conform with strict aviation regulations for air cargo applications.

Global frequencies for worldwide use.

Small, rugged form factor.

Four-year battery life.

Specifications		
Physical	Dimensions: Weight:	6.2 cm (2.4 in.) x 4.3 cm (1.7 in.) x 1.2 cm (.48 in.) 1 Ounce
Environmental	Temperature: Humidity: Vibration: Shock:	-20°C to +60°C Operating; -40°C to +70°C Storage 100% Condensing MIL-Std-810E Method 514.4, Category 10 MIL-Std-810E Method 514.6, Category 10
LF Receiver	Frequency: Range: Modulation: Bandwidth: Data Rate:	123 kHz for ST-602-1x, 132 kHz for ST-602-0x Up to 4 meters (12 feet) ASK 5 kHz 1400 bps
UHF Transmitter	Frequency: Range: Modulation: Transmission Power: Data Rate: Air Protocol:	433.92 MHz 100 meters FSK; +/- 50 kHz 0.025 mW average EIRP 28 Kbps Savi EchoPoint Air Protocol
Operation	Beacon: Response to Signpost:	Enable/disable via LF Receiver Adjustable beacon rate of 10 sec. to 9 hr. Portal: Tag returns ID, status and signpost ID to upon entering signpost field and periodically while tag remains in signpost field.
Memory	Factory-Programmed ID: User ID: User Memory:	4 bytes, read only 16 bytes, read/write 16 bytes, read/write
Power	Battery Life: Battery Indicator: Battery Type:	4 years (10 read events per day, beacon rate of once per minute) Battery status indicated in every beacon and Signpost response 3V lithium, 540 mAh, non-replaceable/rechargeable
Approval	Type:	FCC Part 15, ETSI EN 300 220-1 (433 MHz), ETSI EN 300 330 (123 KHz and 132 KHz)

About Savi

With over 16 years experience, Savi is a proven leader in RFID solutions for the management and security of supply chain assets, shipments and consignments. Savi's integrated RFID hardware and software solutions drive business value, such as reducing supply chain assets, inventory and operational costs. Founded in 1989, Savi Technology is a wholly-owned subsidiary of Lockheed Martin, with headquarters in Sunnyvale, California, and offices in Johannesburg, London, Melbourne, Singapore, and Washington D.C. For more information, visit www.savi.com.

Contact Savi

Let us show you how Savi's supply chain solutions can work for your organization. In the United States, call toll-free 800-428-0554, international customers dial 408-743-8000. Contact Savi Asia at 65-62411191, Savi Australia at +61 03 9882 4430, and Savi EMEA at +44 1344 742 815 (Great Britain), or +2711 469-3144 (S. Africa). Visit www.savi.com or email us at sales@savi.com.

About Lockheed Martin

Headquartered in Bethesda, Md., Lockheed Martin employs about 135,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services. The corporation reported 2005 sales of \$37.2 billion.

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