



Specification Sheet

Savi Portable Deployment Kit II

Rapidly deploy active RFID tracking solutions in remote and harsh locations

Savi Portable Deployment Kit II provides a complete active RFID solution for real-time, end-to-end visibility of goods and critical assets moving through the supply chain at any location and in any environment.

Automate capture and management of manifest data with self-contained kit

The Savi Portable Deployment Kit II includes a tablet PC, mobile reader, software and communications equipment needed for asset tracking, and cargo and personnel manifesting, in a self-contained, durable carrying case. The PDK allows DoD Movement Control Teams (MCT) to quickly set up mobile operations, automating the collection, aggregation and deaggregation of cargo and passenger manifest data. The PDK II also enables active RFID tag read and write capabilities.

Easily support unique asset visibility requirements with custom applications

The PDK II includes everything needed to perform the reading and writing of ISO-180007 compliant tags. Customers can also, optionally, load their own applications on the included tablet. A GPS unit captures the PDK's latitude and longitude coordinates. These coordinates and the tag data collected by the PDK are then communicated to a pre-installed Savi SmartChain® Workstation and forwarded to the RF-ITV Network via an Iridium Modem.



Specifications

Model Number	
LITE-PDK1-RI001-001	Portable Deployment Kit II
Physical	
Dimensions	21.20" x 16.00" x 8.30" (53.8 x 40.6 x 21.1cm)
Weight	25lbs (11.34kg)
Case Material	Watertight, black with solid injection-molded plastic body and hinged lid
Packaging	NEMA 4; Rugged, weatherproof packaging for indoor and outdoor use
Hardware Included	Getac rugged tablet, Iridium Modem with GPS and Antennas, Savi Mobile Reader
Software Included:	Savi SmartChain® Workstation, pre-installed
Environmental	
Temperature	-20 / 140°F (-29/60°C)
Humidity	100% Condensing
Vibration and Shock	MIL-STD-810G
Power	
Input DC Source	12-30 VDC
Input DC Cable Length	10 ft. (3 m)
Input DC Cable	NATO Slave Connector (+24 Vdc Input); Cigarette Lighter Adapter (+12 Vdc)
Input AC	AC power supply w/ universal plug adaptor kit

Savi Portable Deployment Kit II



PDK Lite Features:

- Enables fast, direct access to the RF-ITV Network and Savi SmartChain® Enterprise Platform from any location
- Rugged, portable system designed for use in austere environments
- Rechargeable batteries that can be powered by military or civilian vehicles (DC power or AC Power)
- Read range of up to 150 ft. (45.72m)
- Reads CAC cards
- Internet Protocol version 6 (IPv6) and ISO 18000-7 compatible
- Meets single-person lift requirements

Transit Case Features:

- Two press & pull latches
- Double-layered, soft-grip handle
- Two padlock-able hasps
- Altitude pressure relief Vortex® Valve
- Flush powerful hinges
- Lightweight strong HPX® Resin
- Watertight

Getac F110 Tablet Features:

- Large 11.6" LumiBond™ sunlight readable display
- 4th generation Intel Core Processor
- Dual hot-swappable battery design
- 802.11ac next generation WiFi
- RS232 Option installed
- Single USB port installed
- Intel HD graphics 4400
- MIL-STD 810G and IP65 certified
- ANSI 12.12.01 non incensive certified

About Savi

Leveraging 25 years of leadership in sensor technology, Savi is pioneering sensor analytics solutions that create operational intelligence from the Internet of things. Applying big data technologies to machine-generated data, Savi solutions are trusted to run the world's largest and most complex asset tracking and monitoring network, serving the U.S. DoD, Allied military and more than 250 commercial companies around the world. For more information about Savi visit www.savi.com.

Specifications (continued)

Interfaces	
Internal System Data	RS-232 for Iridium Modem, Savi Mobile Reader
External System Data	Iridium Satellite Link to the RF-ITV Network; Iridium Modem equipped w/antennas and connectors; Savi Mobile Reader cable and USB connectors (supplied)
External DC Power Input	NATO slave and cigarette lighter adapter and cable (included) 24V
External Power Supply	International power adaptors and power supplies
Indicators	
Iridium Signal Strength	NAL Corp. Iridium signal strength indicator
Accessories	
Subscriber Interface	SIM required for Iridium activation; Purchase from DISA (http://www.disa.mil)

Active RFID and ISO 18000-7

Active RFID and ISO 18000-7 Active RFID technology revolutionizes the identification, monitoring and tracking of valuable assets and shipments. Savi helped drive the creation of the active RFID ISO 18000-7 standard to support active RFID interoperability on a worldwide basis. ISO 18000-7 has been adopted worldwide by commercial enterprises and defense organizations. Savi products such as the PDK are built to support the ISO 18000-7 protocol and drive effective and accurate real-time tracking.

CONTACT US

To learn more about the full range of Savi's solutions, please email us at info@savi.com or visit www.savi.com.