



# 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.

**PRECISE · DURABLE · AUTOMATED**

## Automate Capture and Management

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 Requirements

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.



# Savi Portable Deployment Kit II 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 w/ solid injection-molded plastic body, hinged lid
Packaging	NEMA 4; rugged, weatherproof packaging for indoor/outdoor use
Hardware Included	Rugged tablet, Modem w/ 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);
Input AC	Cigarette Lighter Adapter (+12 Vdc) AC power supply w/ universal plug adaptor kit

## 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 and cigarette lighter adapters and power cable (included) 24V
External Power Supply	International power adaptors and power supplies

## INDICATORS

Iridium Signal Strength	NAL Corp. Iridium signal strength indicator
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## ACCESSORIES

Subscriber Interface	SIM required for activation
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## Key Features

- Enables fast, direct access to the RF-ITV
- Rechargeable batteries powered by military or civilian vehicles (DC 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
- Two padlock-able hasps
- Altitude pressure relief Vortex® Valve
- Lightweight strong HPX® Resin
- Watertight

## Tablet Features

- Large sunlight readable display
- 4th generation Intel Core Processor
- 802.11ac next generation WiFi
- RS232 Option installed
- Single USB port installed
- MIL-STD 810G and IP65 certified
- ANSI 12.12.01 non incen-dive certified

## ABOUT SAVI

Savi delivers live streaming facts and insights about the location, condition, and security of in-transit goods. Using big data analytics, Savi equips shippers, carriers, 3PLs, and governments to optimize supply chain logistics before, during and after transit, reducing costs and inventory while improving service. Savi is trusted to run the world's largest and most complex asset tracking and monitoring network serving the US DoD, Allied military and more than 1000 commercial companies around the globe.

For more information visit [savi.com](http://savi.com).



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