



Savi[®] Handheld Reader Kit with Intermec[®] CK71 Mobile Computer

Built on Savi's active RFID technology, the Savi Handheld Reader Kit with Intermec CK71 Mobile Computer is designed to help users quickly locate, identify and track supply chain assets in austere environments.

FLEXIBLE • OPERATIONAL • PORTABLE

Customizable Components

The handheld kit can read from and write to active, data-rich RFID tags, and can also scan and process data from standard linear, matrix, 1D and 2D bar code. The CK71 kit is packaged with options that provide specific components based on the customer's needs.

Components include:

- Intermec CK71 Mobile Computer
- Intermec CK71 Accessories (Docking Station, Power Charger and Data Cables)
- Savi Mobile Reader (SMR-650)
- SmartChain[®] Mobile software application

Integrated Design

The kit features the Intermec CK71 Mobile Computer, which is a special model of Intermec's powerful 70 Series of color mobile

computers. The ergonomically designed device has a full alphanumeric keypad and wireless LAN capabilities. The CK71 is available in two models, both of which support batch mode communications and offer integrated bar code scanning options.

End-to-End Visibility Flexibility

The kit also features the Savi Mobile Reader (SMR-650), an integrated mobile, lightweight reader module used to commission, identify and configure Savi active RFID tags. Savi readers are a key component of active RFID solutions for real-time, end-to-end visibility of goods and critical assets moving through the supply chain. Mobile Readers augment Savi Fixed Reader coverage with the operational flexibility needed for environments lacking fixed reader infrastructure.





Savi Handheld Reader Kit with Intermec CK71 Specifications

MODEL NUMBER

CK71-KIT-C-532 Active handheld RFID reader with Intermec CK71 and SMR-650; WiFi

MEMORY AND STORAGE

Memory/ROM 512 MB RAM; 1 GB Flash; micro-SD slot for memory cards up to 32GB

PHYSICAL

Dimensions L X W X D: 23.7 X 8.0 X 4.3 cm (9.33 X 3.16 X 1.69 in)
Weight 562 g (19 Oz) with battery
Width Grip area 6.42 cm (2.53 in)
Display 8.9 cm (3.5 in) Transmissive VGA, 480 X 640 pixels

SOFTWARE

Operating System Microsoft Windows Embedded Handheld 6.5
Application SmartChain Mobile

ENVIRONMENTAL

Temperature -20 °C to +60 °C operating; -30°C to +70°C storage
Humidity 95% Non-Condensing
Drops, Vibration & Shock Multiple 8 ft (2.4 m) drops; MIL-STD-810G
Weatherproofing IP67

WIRELESS (UHF TRANSCEIVER)

Frequency 433.92 MHz at 0.6 mW peak EIRP, FSK Modulated
Range 150 ft. (46 m) line-of-sight reader and tag
Antenna Integrated External Whip

WIRELESS (LF TRANSMITTER)

Frequency 123 kHz
Range Up to 3.5 ft. (1.1 m)
Antenna Integrated on-board ferrite core antenna
Protocol EchoPoint

Key Features

- Battery operated, portable read/write ISO 18000-7
- Short-range, low-frequency transmitter; long-range UHF receiver/transmitter
- FCC, ETSI, HERO and RoHS certified

Approvals

- FCC Part 15, ETSI, EN 300 220 (433.92 MHz), EN 300 330 (123 kHz)
- EMC & Immunity IEC 60601, ETSI, EN 301 489
- Product safety AC Adapter to UL60950/CSA C22.2 No. 60950/IEC/EN60950
- 4 in./10.1 cm safe distance
- Hazardous Location UL 1604, Division 2, Class I, Groups A,B,C,D; Class II Groups F,G; Class III

Network

- Computer with dock (USB, Ethernet, WiFi)

Additional Accessories

- Docking Station, Power Charger, Data Cables

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 about Savi visit www.savi.com.

