

Encompass[®] 1150 (E1150)

Mobile RFID Reader

Features

- ▶ Portable and cost effective RFID reader
- ▶ Works with most US standard tag protocols
- ▶ Bright high contrasting display for day or night use
- ▶ Connects to PC, mobile computer, or Smartphone with USB cable or Bluetooth[®]
- ▶ Compatible with Windows[®] XP, Vista, and 7 (32- and 64-bit versions) operating systems
- ▶ Single control and audible signals for quick and easy operation
- ▶ Lightweight ergonomic design ideal for office or field use



TransCore's Encompass 1150 Mobile RFID Reader offers a portable and cost effective solution for decoding or verifying RFID tags. Users can immediately view tag data on the high contrast display. The lightweight, ergonomic design makes it the ideal choice for parking, tolling, railroad, ground management, transportation asset management, field service, and warehouse operations.

This versatile reader works with most populations of RFID tags. Tag data can be transferred from the reader to a notebook computer, desktop PC or Smartphone using a USB cable or wireless Bluetooth connection. Operation of the reader is quick and easy using the single control and audible signal tones.

The Encompass 1150 Mobile RFID Reader kit includes the handheld reader, USB data cable, battery charger, test tag, and host application software with Field Configuration Software CD.

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E1150 Mobile RFID Reader

COMMUNICATION

Frequency

Operates at specified frequencies in the 915 MHz band

Read Range

4 ft (1.2 m) (maximum) with properly mounted tag

Protocols

Reads data from the American Trucking Association (ATA), Super eGo® (SeGo), eGo (18000-6b), Title 21/Allegro, and ISO 18000-6c

Interconnect Cable

USB (1.0 or 2.0) interface

Wireless PAN

Integrated Bluetooth Class 3, Classic and BLE

HARDWARE FEATURES

Display

Organic Light Emitting Diode (OLED)

Tag Data: 2 lines, 21 characters each

Status: 1 line, 21 characters

Model

E1150

Part Number 10-1150-001

Case

Durable weather-resistant case
Moisture Resistant, shock/vibration rated, UV stabilized polycarbonate

POWER REQUIREMENTS

Power Source

Rechargeable internal battery

Battery Operation

960 reads per fully charged battery pack

PHYSICAL

Dimensions

Size: 8.1 x 4.1 x 1.5 in (20.6 x 10.4 x 3.8 cm)

Weight: 0.9 lb (0.4 kg)

ENVIRONMENTAL

Operating Temperature

-4°F to +122°F (-20°C to +50°C)

Storage Temperature

-22°F to +140°F (-30°C to +60°C)

Humidity

0 to 95% non-condensing over operating temperature range

Vibration Tolerance

Random Vibration 1 G (rms), 20 to 200 Hz

Shock Tolerance

10 G peak terminal sawtooth, 11 ms duration

ACCESSORIES

Test Tag

(1) Multiprotocol tag programmed with SeGo and ATA frames

Sample Software

Self-installing software with public (not licensed) source and executable code

Holster

Optional: P/N 31-1150-001

Documentation

E1150 Mobile RFID Reader Quick Start Guide
E1150 User Guide

For more information:

Call **214.461.6443** (Sales Support) • **505.856.8007** (Technical Support)

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