

# RFID

TransCore® SmartPass®



## Standard Features

- Fully self-contained, integrated reader
- Ideal for truck scales, and parking and access control applications
- 915 MHz RF band operation
- Compatibility with a wide range of industry-standard formats
- Weatherproof enclosure
- Quick, simple installation by trained, authorized personnel
- Programmable RF power
- Half frame and full frame capability

## Part Number/Price

Part #	Description	Price
108201	SmartPass E4 reader only	\$6,395.00
162431	18 VAC power supply	\$45.00
86401	5 ft interface cable	\$155.00
162430	20 ft interface cable	\$310.00
86403	35 ft interface cable	\$465.00
162432	Pole/wall mount bracket	\$135.00

## Specifications

**Frequency Range:**

902 to 928 MHz

**RF Control:**

By sense output or host command

**Polarization:**

Linear, horizontal

**Read Range:**

Read performance varies depending on tag and reader configuration and environment. Read range for all the SmartPass E4 Reader is 12 ft (3.7 m) typical to 17 ft (3.7 m) maximum

**I/O Control:**

Input: Two independent dry contact closures for sense circuits

Output: Two independent Form-C contacts

**Dimensions:**

(L x D x W) 15.5 x 15.5 x 3.25 in (39.4 x 39.4 x 8.25 cm)

**Weight:**

9.5 lb (4.3 kg)

**Mounting Surface:**

Mount to pole or wall, indoor or outdoor

**Enclosure:**

Tamper-proof, polycarbonate housing

**Operating Temperature:**

-40 to 131° F (-40 to 55° C)

**Humidity:**

100% condensing

**Vibration:**

0.5 grams, 10 to 500 Hz

**Input Power:**

16-20 VAC, 47-63 Hz, or 16-28V DC

# Multiprotocol Rail Reader and Parapanel Antenna



## Multiprotocol Rail Reader Standard Features

- Designed for railroad applications
- Fixed mount, integrated package (reader and RF module)
- Reads Association of American Railroads (AAR) format tags and Suer eGo® (SeGO) protocol tags
- Supports tag and mutual authentication
- 902-928 MHz RF range operation in North America
- Real-time clock
- Tag read buffering
- Programmable RF output power
- Programmable frequency
- Supports up to two AT5720 Check Tags
- Multiplexes up to four antennas

## Parapanel Antenna Standard Features

- Asymmetrical broadcast pattern
- Low-profile design
- Weatherproof enclosure
- UV-tolerant and corrosion-resistant construction

## Part Number/Price

Part#	Description	Price
Consult	Please consult sales engineer to ensure proper system for application	Consult