

# RFID

TransCore® SmartPass®



## Standard Features

### TransCore® SmartPass® RFID Reader

- 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
- Compatible with a variety of RFID tag options including half and full frame RFID tags (beam or battery powered) as well as windshield RFID tag options (beam or battery powered)

## Specifications

### Frequency Range:

902 to 928MHz

### 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 × D × W)  
15.5 × 15.5 × 3.25 in  
(393 × 393 × 83 mm)

### 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 °F to 131 °F (-40 °C to 55 °C)

### Humidity:

100% condensing

### Vibration:

0.5 grams, 10 to 500 Hz

### Input Power:

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

## Part Number/Price

Part #	Description	Price
108201	SmartPass E4 reader only	Consult
162431	18 VAC power supply	Consult
86401	5 ft interface cable	Consult
162430	20 ft interface cable	Consult
86403	35 ft interface cable	Consult
162432	Pole/wall mount bracket	Consult

AUTOMATED TICKETING

# Multiprotocol Rail Reader and Parapanel Antenna



## Standard Features

### Multiprotocol Rail Reader

- 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 to 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