

AEI tag reading is mandatory for any sophisticated Asset Protection Systems. Our ability to capture data via TransCore's RFID products ensures seamless integration in transit visibility, maintenance, repair yard and inventory management in the industry.



RF CHARACTERISTICS

Frequency Range

- 902 to 928 MHz

Internal Antenna Gain

- 9.5 dBi

RF Control

- By sense input or host command

Range

- Read performance varies depending on tag and reader configuration and environment
- Typical read is 12 to 17 ft (3.7 to 5.2 m)

I/O Control

- Input: two independent dry contact closures for sense circuits
- Output: two independent Form-C contacts
- RS-232 with Wiegand or RS-422 with Wiegand compatible host Interface

POWER REQUIREMENTS

Input Power

- 16 to 20 V AC, 47 to 63 Hz, or 16 to 28 V DC

RF Output Power

- 2 W maximum to 200 mW minimum, selectable in 1dB steps

PHYSICAL

Dimensions

- Length: 15.5 in (39.4 cm)
- Width: 15.5 in (39.4 cm)
- Depth: 3.25 in
- Weight: 9.5 lb (4.3 kg)

OPERATING AIR TEMPERATURE

- -40° F to +131° F (-40° C to +55° C)

OPTIONS

Cable Accessory Kits

Cable Accessory Kits allow flexibility in installing the SmartPass 4.

- Part Number: 58-1620-001: connector with 5 ft (1.5 m) cable.
- Part Number: 58-1620-002: connector with 20 ft (6.1 m) cable.

Wall Mount Bracket

Allows adjustment in all planes when used to install the SmartPass 4 on a flat surface.

- Part Number: 54-1620-001

Transformer

- A Class C Transformer (Part number: 76-1620-005) is available to allow 110V AC to 18V AC conversion.

Progress Rail
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