

AP4118

Rail Tag Programmer

TransCore's AP4118 Rail Tag Programmer is designed for reading and writing data to TransCore's AT5118 Rail Tags that use Super eGo® protocol.

The AP4118 Rail Tag Programmer connects to a host computer using an RS-232 communications port. It uses a radio frequency (RF) signal to efficiently program rail tags. Functions include programming and interrogating permissible tag data pages.

The AP4118 Rail Tag Programmer is capable of reading data previously written to the tag. It can also read Association of American Railroads (AAR) and American Trucking Associations (ATA) data from rail tags.



Features

- ▶ Compatible with AT5118 Rail Tags
- ▶ Reads tags formatted for AAR and ATA
- ▶ Supports batch programming
- ▶ Built in security features prevent unauthorized use

Applications

- ▶ Rail AEI

AP4118 Rail Tag Programmer

SYSTEM REQUIREMENTS

User-supplied host computer must use Windows operating system

COMMUNICATIONS

Interconnect Cable

Single RS232 (data terminal equipment) host computer-to-programmer cable

POWER REQUIREMENTS

Input Voltage

12 VDC

Power Consumption

12 W

RF Power

Tag holder: 50mW

PHYSICAL SPECIFICATIONS

Dimensions

14.3 x 3.2 x 11.5 in (36.3 x 8.1 x 29.2 cm)

Weight

6.80 lb (3.1 kg)

HARDWARE

Visual Indicators

One red and four green LEDs on the top surface of the tag programmer to indicate current programmer status.

ENVIRONMENTAL

Operating Temperature

+32°F to +122°F (0°C to +50°C)

Storage Temperature

-4°F to +185°F (-20°C to +85°C)

Humidity

95% non condensing @77°F to 122°F (25°C to 50°C)

Enclosure

Dust proof

Operational Vibration

1.04 G_{rms} , 5-500 Hz, power spectral density-uniform 0.0022 G^2/Hz , 1 hour per axis

Shock

4 $G_{zero-to-peak}$ by 11 ms half-sine duration in all 3 axes

COMPATIBLE CODING

- International Organization for Standardization (ISO)
- American National Standards Institute (ANSI)
- American Trucking Associations (ATA)
- Association of American Railroads (AAR)
- International Air Transport Association (IATA)

COMPLIANCE

RF Interference

Part 15 of the FCC rules for a Class A digital device

LICENSING

Site license not required

ACCESSORIES

- Anti-static wrist strap
- DB9 Interface cable
- 12VDC power supply and cord

For more information:

Sales Support

800.923.4824

Technical Support

505.856.8007

transcore.com

