

Specifications

HOS247 ELD is a standalone Electronic Logging Device (ELD) designed for Hours Of Service (HOS) in compliance with the Federal Motor Carrier Safety Administration and other regulatory agencies worldwide.



INTERFACE

Molex Microfit 3.0TM 10-pin
Deutsch 9-pin J1939/13 cable provided (length 1.5meters)
Two LED's (GPS and CAN status)

GPS

56-channel GPS engine
High performance ceramic patch antenna
Sensitivity:
Tracking: -161 dBm
Cold/Warm Start: -148 dBm

J1708

Standard compliant interface

ELECTRICAL

Operating Voltage 8V to 28V

Over voltage protected with a 36V TVS

Over current protected with a resettable fuse

INPUT/OUTPUT

Ignition wire

Relay activation Power pass-through

UART TX/RX

STORAGE

Reliable internal SD-Card storage

Store >50,000 events

DIMENSIONS

76mm x 71mm x 20mm

BLUETOOTH

Bluetooth 4.2 compliant (Low Energy)

Integrated antenna

CAN

Compatible with 250 and 500 kbps systems

Protected against ground and battery shorts

ESD protected up to $\pm 14\text{kV}$

ENVIRONMENTAL

Dimensions: 76mm x 71mm x 20mm

Operating Temperature: -30°C to $+65^{\circ}\text{C}$

Storage Temperature: -40°C to $+85^{\circ}\text{C}$

Operating humidity: 20% to 90% (non condensing)