

OmniTrax Processor

A4EM0101

Description

OmniTrax is a ranging volumetric buried intrusion detection sensor. The OmniTrax processor is enclosed in a rugged, all-weather enclosure. The built-in mounting flanges are designed for post or wall mounting.

Physical Specifications

- Dimensions (H/W/D): 40.0 x 23.5 x 15.6 cm (15.75 x 9.25 x 6.5 in)
- Weight: 4.9 kg (10.8 lb) (without optional battery)
- CSA/UL Type 4X enclosure
- Aluminum with white painted finish

Electrical Specifications

- Input voltage: 12 to 48 VDC
- Power consumption: Less than 9W
- Optional internal 5 Ah battery backup
- Lightning protection: transzorb and non-radioactive gas discharge devices on all I/O ports

Environmental Specifications

- Temperature (operating): -40 to 70 °C (-40 to 158 °F)
- Humidity (operating): Up to 95% non-condensing (measured inside enclosure)

Regulatory Compliance

- Safety: IEC 60950-1/A11:2004
- CE:
 - RF Emissions and Susceptibility
 - Conformant to Directives 2017/2102 and 2015/863 (RoHS 3)
- FCC (Part 15, Subpart B)

Testing agency approvals

- CPNI: Approved for U.K. government use
- USAF: Approved Equipment List, northern and southern tiers

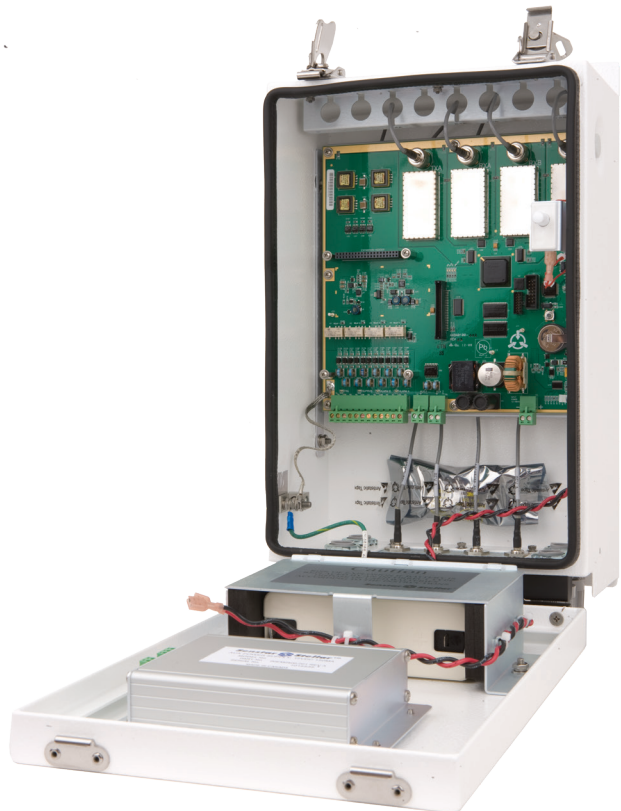


Image shows OmniTrax processor with optional backup battery and optional auxiliary power supply. See the OmniTrax Datasheet for a full system description.

