



BENEFITS

Advanced transceiver for radio traffic

A-TRAX v2 Serial Transceiver is a device designed to bi-directionally communicate the COBS ecosystem with alarm management systems such as CMS through a serial port. A-TRAX v2 sends the received alarms to the central unit to be analyzed and then retransmits them to the configured destination.

Versatile installation

The installation is multidrop with up to 15 units on each line. Each A-TRAX unit can be powered individually with its own adapter or through central power unit. It is recommended to use an Uninterrupted Power Supply (UPS), capable of maintaining the power supply in the event of a failure in the central system, thus guaranteeing the continuity of the service.

KEY FEATURES

- Easy installation
- Radio transceiver that receives and acknowledges alarms from COBS portable alarm transmitters in the Alert4u2 series
- Powered by an AC/DC adaptor or separate pair on the RS485 bus
- Power failure alarm
- Regular test alarm
- Frequency for social alarms

SPECIFICATIONS

Connection

A-TRAX is connected via an RS485 multi drop bus to our message server CMS for instant forwarding of alarms and messages to other devices in a system.

Monitoring

The device can continuously be monitored via COBS Message Server.

Power supply

A-TRAX v2 is normally powered by central power supply but can also be powered by AC-adapter.

Approvals

A-TRAX uses the frequency 869MHz which is a frequency for social alarms selected and secured by EU.

Using this involves minimal risk of interference. A-TRAX v2 is in conformity with the directives:

- 2014/53/EU
- 2014/35/EU
- 2014/30/EU
- 2011/65/EU

Radio Approvals

- EN 300220-1 v3.1.1
- EN 300220-2 v3.1.1
- EN 300220-3-1 v2.1.1

EMC Approval

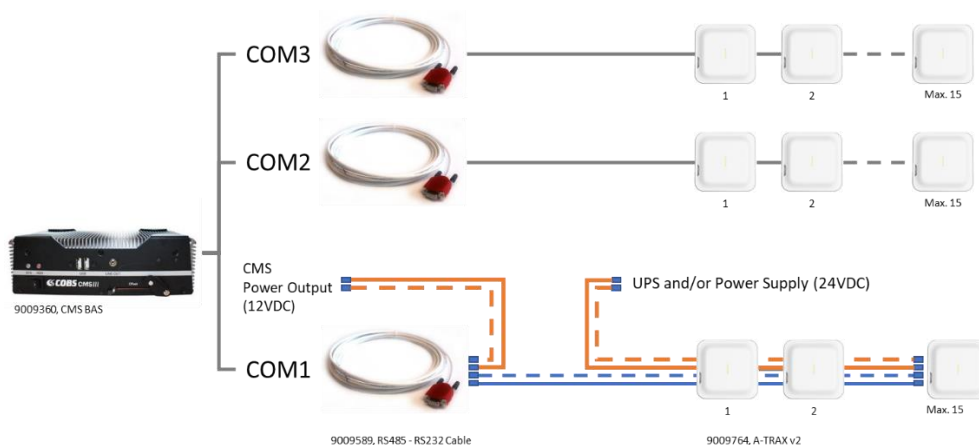
- EN 301489-1 v2.2.1
- EN 301489-3 v1.6.1

Electrical Safety

- EN 62368-1

Technical data

- Size (WxHxD): 110x113x32 mm
- RS485 serial communication
- Central Power supply: 10-24VDC
- Power consumption max: 3.4 W
- Frequency:
 - 869,2 MHz Category 1
 - 869,4 MHz Category 2
- Transmit power max:
 - 869.2 Mhz - 10 mW (EIRP)
 - 869.4 Mhz - 500 mW (EIRP)
- 2-way radio communication
- Temp. Range: +5 – +55 °C
- IP class: IP20



Part No.

Description

9009764

A-TRAX v2 Serial Transceiver