

TRAK - TACHO REMOTE ACCESS KEY

ITEM NUMBER
11-04-TRAK

 TRAK - Tacho Remote Access Key (Digital tacho not included in delivery)

TRAK - Tacho Remote Access Key

With the introduction of the digital tachograph, contractors are obliged to both read and archive the data of driver cards as well as the digital data of the tachograph periodically from the digital tachograph.

The TIS Tach Remote Access Key (TRAK) provides direct wireless access to the download interface of the digital tachograph to download the data to MDTs (Mobile Data Terminals) or notebooks for archiving or for regulatory review. Simply attach the TRAK directly to the download interface, connect wirelessly with MDT or notebook and start downloading safely and conveniently even from a distance. The TRAK is suitable for MDT/PC/Notebook applications that use a serial COM port for the download from the digital tachograph.


AT A GLANCE

- **Wireless:** An integrated wireless module enables wireless connection from the digital tachograph to the MDT or notebook
Prerequisite: Your laptop or MDT has a Bluetooth® interface
- **Remote:** The radio module also allows to download from a distance to tachographs.
Depending on interferences in the radio way up to 10m are possible
- **NO batteries:** powered by the speedometer, no batteries required
- **Secure connection:** Each TRAK has an individual PIN that is needed to establish the connection. The data transmission is encrypted
- **Status indicator:** The status of the radio link is indicated by a blue LED
Operational readiness is indicated after insertion by flashing
LED permanently glows when connection is established
- **Robust and easy for confident handling** by robust housing and light weight

TRAK Configuration Adapter

 (w/o image)

With the help of the TRAK Configuration Adapter, the PIN of the TIS TRAK can be changed. The connection to the PC is established via USB. For configuring a terminal program such as HyperTerminal or Putty is necessary.

TRAK - TACHO REMOTE ACCESS KEY

TECHNICAL SPECS

TECHNICAL SPECS AND APPLICATION AREA TRAK

DIMENSIONS AND WEIGHT

- 70 x 23 x 13 mm
- 11g

STANDARDS

- Bluetooth® V2 + EDR (SPP-Profile) RS232, EIA-232

RANGE

- Class 2 (Range up to 10m)

DATA RATE

- up to 115kBits/s

POWER SUPPLY

- +5VDC to +40VDC (typ. +24VDC via Tachographen)

CURRENT CONSUMPTION

- at 12V typ. 7mA / max. 18mA
- at 24V typ. 4mA / max. 9mA

DISPLAY LED

- Flashing (ca. 3Sec.): operational readiness
- Permanent glow: Bluetooth® connection active

PROTOCOLS

- V.24 / RS232, 8N1, no handshake

CASING MATERIAL

- ABS plastic

TEMPERATURE

- -40 to +85°C

HUMIDITY

- 5 to 80%

CERTIFICATIONS

- FCC (Part15), e1, CE

TECHNICAL SPECS TRAK CONFIGURATION ADAPTER

HOST INTERFACE

- USB 2.0 compliant Full-Speed (12Mbps)

TRAK INTERFACE

- RS232 (9.600 Baud)

POWER SUPPLY

- +5VDC over USB

CURRENT CONSUMPTION

- 30mA (without TRAK)

DISPLAY LED

- green (Power), red (RXD/TXD)

TEMPERATURE

- -40 to +80°C

CASING MATERIAL

- ABS plastic

SAFETY CLASS

- IP54

CERTIFICATIONS

- CE

ACCESSORY

- USB cable, Driver CD