

reliable vehicle data



Trailer Box

Trailer data collection device

Trailer data collection device

Often, the cargo in the trailer is more valuable than the entire truck. However, information is only collected from the trailer when it is connected to a truck. If the trailer is disconnected and parked in a parking lot, you know nothing.

The Trailer Box, our trailer data collection device, can gather information about the cargo weight, vehicle weight, weight on a specific axle, the Vehicle Identification Number (VIN), the mileage, the doors, the tyre pressure system, data from the braking system (maintenance), fluids and yearly inspection, GPS/GNSS data (in case of theft or fleet management), theft during parking, chassis data (axle counts, axle positions), air pressure information (tyres, suspension and brakes), road behaviour (brake and tyre usage) and the cooling unit.

Trailer connection board

Trailer Box

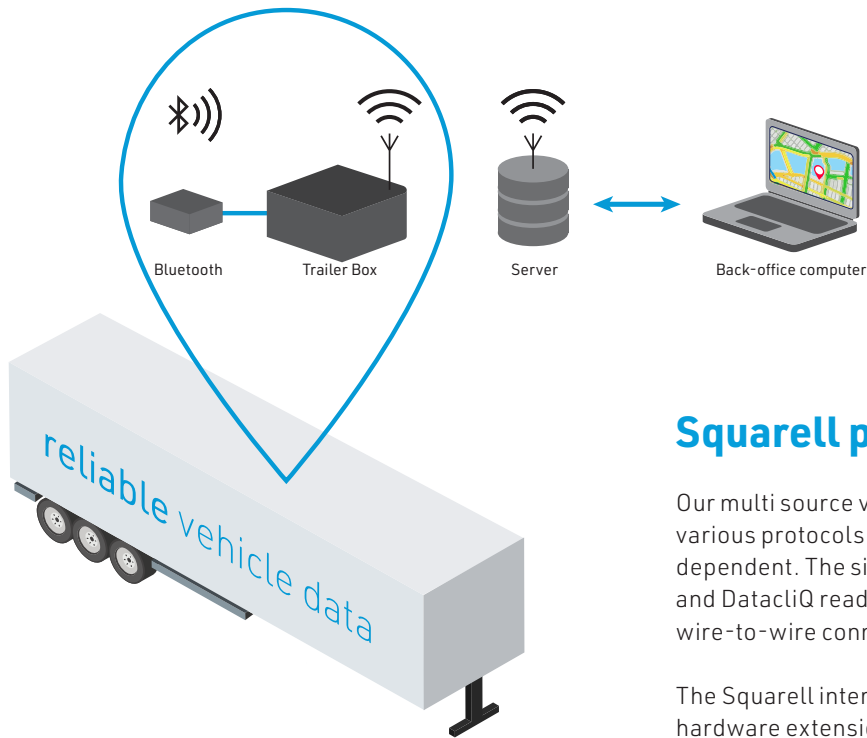
Trailer data collection device



Benefits of the Trailer Box

- Brand independent trailer monitoring system
- Continuously monitoring your property and cargo
- Quick installation due to the short power extension cable with uninterrupted power wires
- Branch with power, CAN and ignition wires with a 5-pole waterproof connector
- Non-intrusive ISO 11992 CAN data reader guarantees an undisturbed CAN bus
- Connect to the telematics CAN port of the trailer
- Monitor the cool unit or any other additional control systems
- Monitor your tyres with TPMS
- Compact GPS/GNSS data with high location accuracy on the map
- Bluetooth receiver for identifying the truck
- G-force sensor for safety information and Event Data Recorder
- 4G GPRS modem with 2G fall back, MQTT, TCP and HTTPS protocols
- 3 similar connectors for connecting different data networks like CAN, RS232, 1-wire, SFD and 1 digital input
- Connect Special Function Devices such as the Power Output Module (SFD POM)
- One (or two) battery packs for location heart beat, tamper warning and insights of your disconnected trailer
- LED panel for power, modem connection, software status and Bluetooth
- Waterproof IP67 box and UL94-V0 box
- The USB connection and the SIM card holder can be reached via a screwcap





Squarell products and features

Our multi source vehicle data interfaces can process data from various protocols like CAN, J1708 and K-line, they are brand independent. The signals are retrieved with the patented CANcliQ and DatacliQ readers: for contactless data readings without a wire-to-wire connection.

The Squarell interfaces can be expanded with software and hardware extensions



SOLUTIONS

Advanced Tell-tales
Environment
Event Data Recorder
Maintenance
Safety
Tachograph



PRODUCTS

BE
CANcliQ and DatacliQ
Driver Awareness Panel
Power Output Module
REMOTE
SOLID
Trailer Box



VEHICLES

Buses and Coaches
Electric Vehicles
First Response Vehicles
Trailers
Trucks



INFORMATION

CAN bus Networks
Wired Networks
Wireless Networks



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