ODOS
MEASURE YOUR DRIVE

- **LTE**
- **Cloud**
- **OTA**
- **UPS**
- **IP67**
- **Live**

CAN to CLOUD

ODOS is dedicated to the cloud connectivity and data logging of the world's most respected CAN interface company: **Kvaser**, through a fresh perspective, unique collaboration and advanced technology.
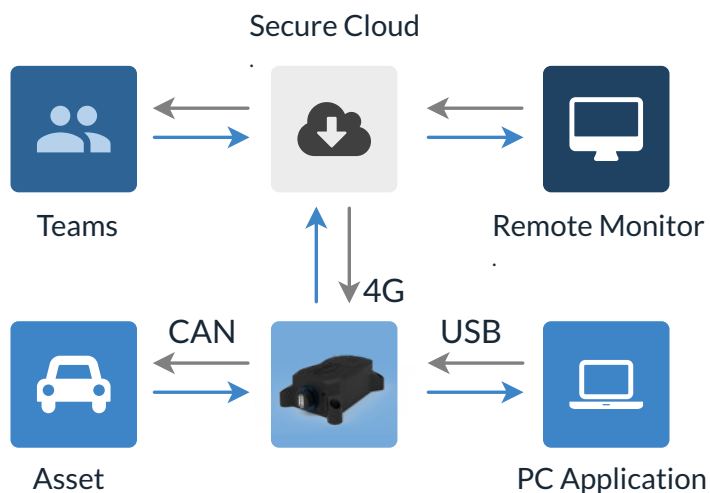
Features

The **CloudCommander** combines the scale of Kvaser's most popular CAN interface: Leaf, with the power of ODOS's industry leading IoT Cloud Platform, to bring you a complete **All-in-One CAN to Cloud datalogging solution**:

- Rugged waterproof (IP67) field deployable enclosure with secure mounting locations

- Native Kvaser Leaf Interface and API

- Real-time CAN data streaming over 4G cellular connectivity to Cloud data storage

- Onboard UPS and memory buffer in the event of power and cellular outages

- GPS tracking and 3-axis Accelerometer

System Overview

Secure Cloud

Teams

Remote Monitor

4G

CAN

USB

Asset

PC Application

Remote Monitoring CloudSoft
Remote real-time CAN data monitoring and analysis software

CloudCommander
Cloud Interface 4G LTE Modem

PC Application
Native Kvaser Leaf Interface and API

CloudSoft

- Remote real-time CAN data monitoring and analysis software
- Over-The-Air (OTA) data-logger configuration updates
- Diagnostic Protocols on CAN (OBD2 & UDS)
- Event based triggering to stream data, capture CAN traces and email alerts/reports
- Virtual calculated CAN channels
- Distributed team working and data sharing platform
- Plugins and REST API service
- ASAM file formats
- Certified to the most rigorous IT security and privacy (GDPR) legislation

Tip: Use ODOS ready-made CloudSoft Dashboard or develop your own Dashboard using our REST API service

🖥 Order Information

Art No	CC-1001 EU/CC-1001 US
Minimum Order Quantity	-

🔌 Wired Communication

CAN	1x CAN 2.0B Kvaser Leaf Light
USB	1x USB 2.0 supporting Kvaser API

📶 Wireless Communication

SIM	1x EU / US / Asia
Modem	LTE cat4
WIFI AP	2.4GHz/ 5GHz IEEE 802.11.b/g/n/ac

🛒 Sensors

GPS	Ublox M8030-KT GPS/A-GPS
Accelerometer	3 axis

🖳 Processor and Memory

Processor	Arm Cortex
RAM	256 MB
Onboard Flash	512 MB

🔒 Security

Device	Key Management, Secure Boot, Vehicle Bus Firewall
System	CISCO Certified, GDPR

▢ Enclosure

IP rating	IP 67
Measures	60.5 x 26.5 x 49.5 mm / 2.4 x 1 x 1.9 inch
Weight	0.5 kg / 1.1 lbs
Connectors	USB Type-A (female) and DB9 (male)
Cables	IP67 1x USB 0.5m / 19.7 inch and 1x CAN 0.3m / 11.8 inch
LEDs	1x CAN Power (Green), 1x CAN Comms (Amber), 1x Cloud Comms (Red)

☁ Cloud Dashboard

Dashboard	Visualization and Analysis
Configuration	Remote Configuration of data logger
Data File Formats	MAT, CSV, MDF4, MDF3, ASC
Plugin library	CAN Monitoring, UDS, J1939, Calc, OBD2, Routing, Acc..
Data Pipeline	AWS S3,Google Cloud,Azure, S-FTP, REST API
Alerts and Notification Center	Mail Alerts, Dashboard, API
Administration	Create Users

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Actronic SOLUTIONS
Aktuatoren auf den Punkt gebracht

Actronic-Solutions GmbH is an independent technical and integration partner to leading industrial automation OEMs, specialising in Controls, Engines, Actuators, Electromechanics and **IoT Cloud solutions**.

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Contact details

Actronic-Solutions GmbH
Untere Bachgasse 5a
91325 Adelsdorf

T: +49 9195 998941-0
E: info@actronic-solutions.de
W: www.actronic-solutions.de