



- 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.

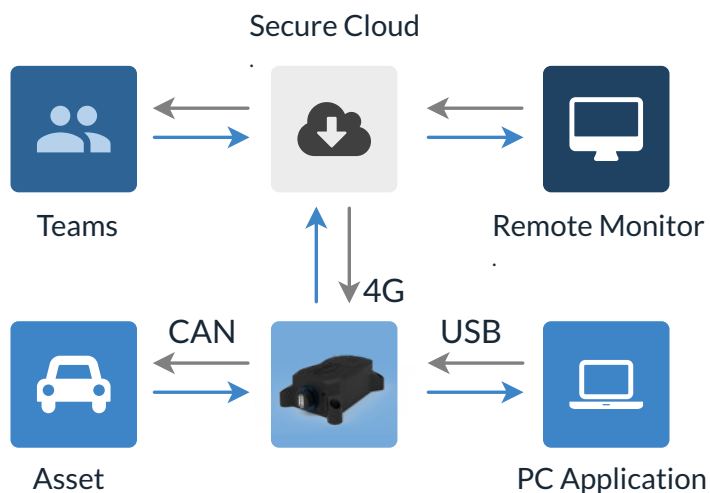


Features

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



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 |



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



Kvaser's commitment to R&D investment and strategic collaborations with technology innovators such as **ODOS** are among the factors that have led to Kvaser's name becoming synonymous with CAN. With a mission to develop innovative CAN products tailor-made to meet the needs of engineers, Kvaser has amassed a broad spectrum of experience and expertise in CAN and related bus protocols.

Contact details

ODOSOLUTIONS AB
Nohabgatan 14 2nd floor
46153 Trollhattan, Sweden

T: +46 (0)70 36 12209
T: +44 (0)7989 136 283
E: kvaser@odosolutions.com

W: www.odosolutions.com