

# InteliDrive Mobile Logger

DATA LOGGER FOR DIESEL AND GAS  
ENGINE DRIVEN OFF-ROAD AND  
INDUSTRIAL APPLICATIONS



## Description

The InteliDrive Mobile Logger is a highly flexible sophisticated data logger, which features outstanding, monitoring and history tracking for diesel engines as well as peripheral equipment.

InteliDrive Mobile Logger has been specially designed for harsh environment of outdoor industrial equipment. The unit construction features a fully environmentally sealed enclosure and connector, vibration and EMC robustness along with a wide temperature operating range.

InteliDrive Mobile Logger can communicate via standard and proprietary CAN J1939 communication protocols to a wide range of EFI engines, which include Caterpillar, Cummins, Detroit Diesel, Deutz, GM, Iveco, Isuzu, John Deere, MAN, MTU, Perkins, Scania, Sisu, Volvo Penta and others. Extremely flexible input structure enables to support wide range of applications.

Rich set of Binary, Frequency or Analog Inputs is optimized for direct connection to all industry standard sensors and output devices.

CAN-bus and RS485 communication lines together with optional internal GPRS modem and GPS module give perfect overview of system status to both local operator and technician in remote monitoring center.

## Benefits

- ▶ Integrated solution, less wiring and components
- ▶ Engine specific, plug and play support of engines with ECU – access to all available values, without the need for programming
- ▶ Designed specifically for harsh environment – trouble free operation in all conditions
- ▶ Built-in Event & Performance Log – easy troubleshooting and warranty claim handling
- ▶ Remote monitoring support – reduced call-out costs of service engineers
- ▶ History log out – monitoring of wide range of parameters
- ▶ WebSupervisor – AirGate compatible with GPRS/GPS localization and Geofencing of supervised machines available



**AirGate**  
Modern communications made simple. ComAp's powerful AirGate technology is provided in a range of our controllers and makes remote internet connection to the ComAp controller easy. Just register the AirGate enabled controller on our website and from then on let ComAp's unique system locate and maintain contact with the controller, no need to worry about VPN's, Static IP addresses or corporate firewalls, simple! "AirGate – Simply connected."



**WebSupervisor**  
The WebSupervisor system, a secure web based remote monitoring system which allows equipment fitted with various types ComAp units to be monitored via the internet from a remote PC or other web enabled device such as smartphone, webbook, etc. It operates in any internet browser and needs no special software to be installed. User can view recorded data from their equipment, receive Email alerts on alarms and control the remote units. Dedicated App's for iPhone and Android provide a truly mobile constant connection with the monitored equipment.



ComAp is a member of AMPS (The Association of Manufacturers of Power generating Systems).



ComAp products meet the highest standards, with every stage of production undertaken in accordance with the ISO certification obtained in 1998.

## Features

- ▶ Engine measurement by sensors and actuators or via J1939
- ▶ 8 binary inputs
- ▶ 4 binary outputs
- ▶ 11 configurable analog inputs
- ▶ 2 impulse inputs
- ▶ 1 frequency input for RPM measurement
- ▶ LED status indication
- ▶ Communication interface: RS485, 2xCAN, J1939
- ▶ Operating temperature: -40 to +80°C
- ▶ Integral fuel consumption measuring
- ▶ Operator log-in possibility
- ▶ Memory size up to 524.000 records
- ▶ Supported download formats: xls, csv
- ▶ Dust and water protection IP67
- ▶ Internal GPS and GPRS (Optional Plug-in modules)

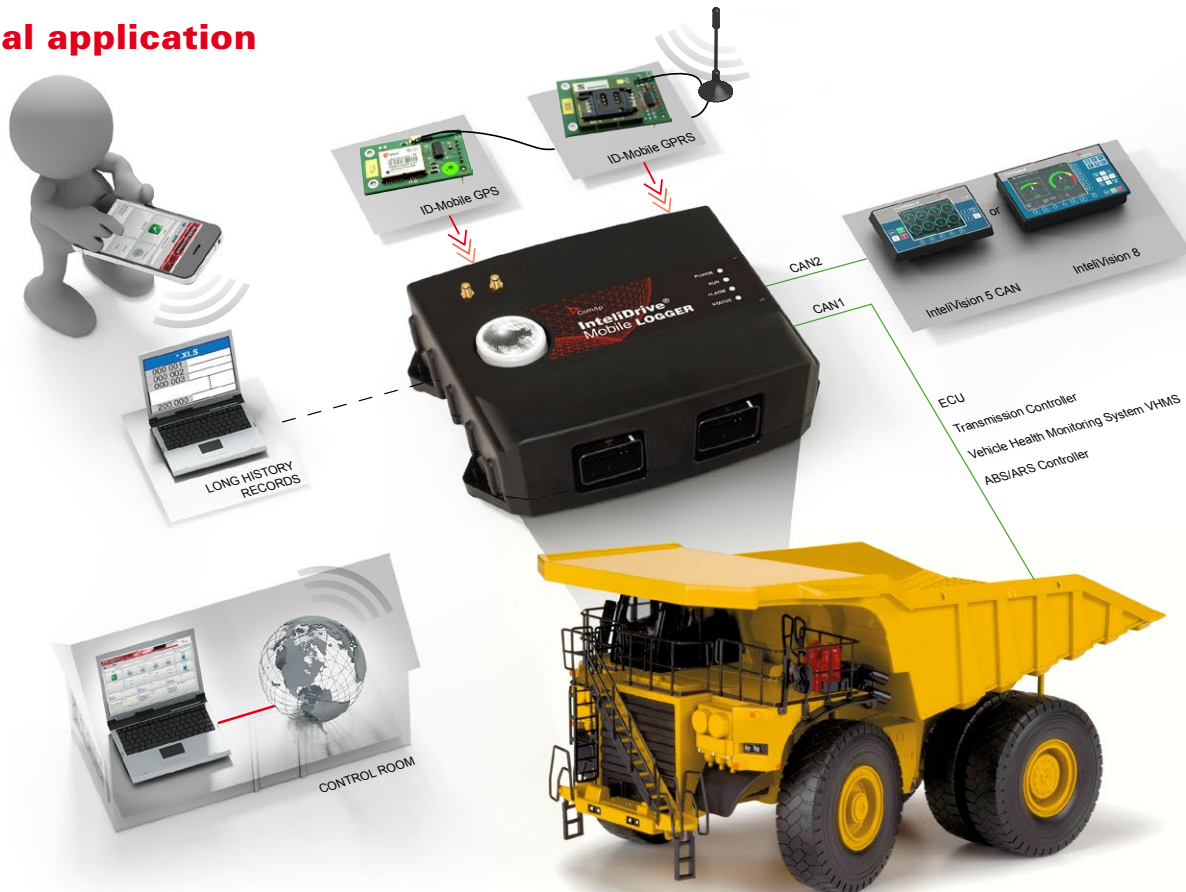
## Accessories and PC tools

- ▶ **ID-Mobile GPRS** – GSM / GPRS modem plug-in module
- ▶ **ID-Mobile GPS** – GPS plug-in module
- ▶ **ID-Mobile Logger Harness** – Cable Harness for IntelliDrive Mobile Logger
- ▶ **Antenna** – GPRS and GPS antenna
- ▶ **InteliVision 5 CAN** – New generation 5,7" colour display unit with CAN bus interface
- ▶ **InteliVision 8** – 8" colour detachable display unit
- ▶ **WinScope** – Special graphical controllers' monitoring software
- ▶ **WebSupervisor** – Cloud-based system for monitoring and controlling of ComAp controllers
- ▶ **DriveMonitor** – PC tool for IntelliDrive controllers monitoring
- ▶ **DriveConfig** – PC tool for IntelliDrive controllers configuration
- ▶ **Logger History Export** – Exports the long history to xls or cvs file format
- ▶ **InteliSupervisor** – SW tool for gen-set and engine fleet management

## Order code

Product	Order code
InteliDrive Mobile Logger	ID-MOBILE LOGGER

## Typical application



MANUFACTURER:

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**Customer satisfaction is our mission. We continuously develop our people to be the best to succeed in our mission.**