

InteliDrive-Mobile Service Module complete overview

The InteliDrive-Mobile Service Module enables an easy integration of the InteliDrive-Mobile controller into any type of mobile vehicles, which contain electronic controllers, sensors, operational devices and/or hydraulic systems.

The ID-Mobile Service Module (ID-Mobile SM) allows Engineers and Technicians access to any of the 96 signals available on the ID-Mobile controller very comfortably. This can be done: through PC – tools (e.g. DriveMonitor and/or DriveConfig that can be downloaded free of charge from the Internet) via USB connection and/or using any kind of usual measuring instruments (e.g. a multi-meter and/or an oscilloscope etc.).

With the ID-Mobile SM, it is possible to make quick measurements, simulations, diagnostic testing and repairs at any time.



The ID-Mobile SM is a sophisticated breakout box, which fits between the vehicle harness, which carries all input/output signals and the IP67 protected ID-Mobile controller (see highlighted picture above) and can therefore be used on completed machines, as well as during the development phase for diagnostic purposes.

The ID-Mobile SM with one meter harness tail terminated with 2x multi-pin molex type plugs enable:

- direct access to all signals available on the ID-Mobile controller through measuring instruments like multi-meters and/or oscilloscopes etc.
- simple connection, monitoring and configuring by PC via the SB485 Module (USB-RS485/422 converter).
- simulation of 2 analogue inputs via built-in pots.
- simulation of 2 binary inputs via built-in switches.