

Engine Communication Bridge

COMMUNICATION MODULE WITH
A NON SAE J1939 ENGINE CONTROL UNIT



Description

The I-CB is a communication module designed to be used as a bridge between a ComAp IntelliGen^{NT}, IntelliSys^{NT}, IntelliDrive DCU Controller or IntelliDrive Mobile and a non SAE J-1939 electronic control unit.

The I-CB integrates with common interfaces such as CAN, RS485, RS232, and offers direct connection to the engine control unit without using an external converter.

By acting as a bridge between the engine and the controller the I-CB brings additional engine protection by displaying and monitoring all the engine values, as well as using the values in the controller's PLC.

The I-CB can also provide intuitive remote monitoring in WebSupervisor and simple connection via ComAp's AirGate.

The downloadable PC software includes many proprietary protocol templates for fast configuration.

Benefits and Features

- ▶ Communication with a non SAE J1939 engine control unit
- ▶ Designed to easy interfacing to the engine control unit
- ▶ Free of charge PC software including proprietary protocol templates
- ▶ CAN, RS485, RS232 interfaces
- ▶ Remote access and monitoring
- ▶ Additional engine protection
- ▶ Less wiring than using sensors

Compatible controllers

- ▶ IntelliGen^{NT} line
- ▶ IntelliSys^{NT} line
- ▶ IntelliDrive DCU line
- ▶ IntelliDrive Mobile line

Order codes

Product	Order code
I-CB/MTU	I-CB/MTU
I-CB/CAT DIESEL	I-CB/CAT DIESEL
I-CB/ Deutz TEME	I-CB/DEUTZTEM
I-CB/CAT GAS	I-CB/CAT GAS



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.



I-CB/CAT DIESEL

- ▷ Designed for Caterpillar diesel engines
- ▷ Templates for diesel engine
- ▷ RS232 proprietary communication to CCM (Customer Control Module) or PL1000T/PL1000E



I-CB/CAT GAS

- ▷ Designed for Caterpillar gas engines
- ▷ Templates for gas engine
- ▷ RS232 proprietary communication to CCM (Customer Control Module) or PL1000T/PL1000E



I-CB/Deutz TEME

- ▷ Designed for Deutz engines
- ▷ Templates for Deutz TEM Evolution module
- ▷ RS232 proprietary communication



I-CB/MTU

- ▷ Designed for MTU engines
- ▷ Templates for 201, 302, 303, 304, 401, ADEC engines
- ▷ CAN bus proprietary communication



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