

CAN Logger

Data Logger for bus CAN with USB and RS232 interface, equipped with SD card.



CAN Logger is a control unit which allows to filter and to memorize all CAN frames from the bus on which is connected on with no need of a simultaneously PC connection. The system can also be directly interfaced to a PC through USB or RS232 interfaces, available on the board.

The unit is easy to use and to configure, thanks to the provided *software* for Windows XP, Vista and 7.

CAN Logger is available in two versions, **CAN Logger-Flash** and **CAN Logger-SD**:

- **CAN Logger-Flash** can record up to 9,000 can messages on a on-board flash memory readable with the provided software.
- **CAN Logger-SD** allows to record messages form CAN bus directly on a Micro-SD card: that SD card can be read from any card reader, beside there is the possibility to connect the logger directly to a PC using the provided software.

General technical features:

Power supply:

USB configuration mode: self powered through USB

RS232 configuration mode: from 12V_{DC} to 30V_{DC}

Stand alone mode: from 12V_{DC} to 30V_{DC}

Working temperature:

from 0° up to + 60°C

Storage temperature:

from -40°C up to + 85°C

Size:

100 x 90 mm (3.94 x 3.54 inches)

PC interface:

one USB port type B, compatible with USB 2.0, one RS232 port

CAN interface:

- Compatible with standard *CAN 2.0B Active Specifcation*
- Configurable *High-speed* or *Low-speed*
- Programmable *Baudrate* (up to 1MB/s)
- Programmable reception filters (available for *extended* and *standard frame*)
- Card insulation (selectable) $>10^{14} \Omega$
- Maximum applicable voltage (CAN-board): 150V_{RMS}
- Transceiver power supply: 5V_{DC}

Memory(Only CAN Logger-Flash):

- Size: 1,024 kbit (up to 9,000 messages)
- Reliability: 1M Erase/Write cycles

MicroSD Card (Only CAN Logger-SD):

- Slot MicroSD Card on board
- File System FAT32 (Windows compatible)



Contacts

IPSES S.r.l.

Research and development office:

via Trieste, 48
20020 Cesate (MI) Italy

tel. +39 02 99068453 fax +39 02 700403170

e-mail: info@ipses.com

http://www.ipsec.com

