

MDLOG

Motorbike Data Logger
256 MB Memory

Description

MDLog is the Data Logger developed by Spring Off to match the need from the Racing Professionals.

Thanks to the USB port, a fast data download into your PC is granted..



Main Features

- 1 CAN-Line (auto baud rate)
- 8 input (analog/digital) channel
- Max Memory: 256 MB
- Max Channel Number: 64
- Sampling Frequency: 1kHz
- USB communication

Benefits

- Fast data download (USB 2.0 link)
- Floating Data Management
- Customized Software for Data Analysis
- Robustness and Easy Installation

Application

Race and In-circuit Test
Superbike Formula

MDLOG

Motorbike Data Logger
128 MB Memory

Technical Specification

Input

Analog Channel* (Single-ended).....	4
Digital Channel** (Single-ended).....	4
CAN-Line (1 Mbit/s, max 64 channels)	1

*(resolution@12bit, range [0 5] V, $R_{IN} = 200\text{ k}\Omega$)

** (1 configurable as Lap Trigger)

Output

Reference Voltage*	2
--------------------------	---

*(5V @ 0,5A , 12V)

Communication

USB 2.0	1
---------------	---

Logic Core

Microcontroller.....	1
Time keeper	1

Logging

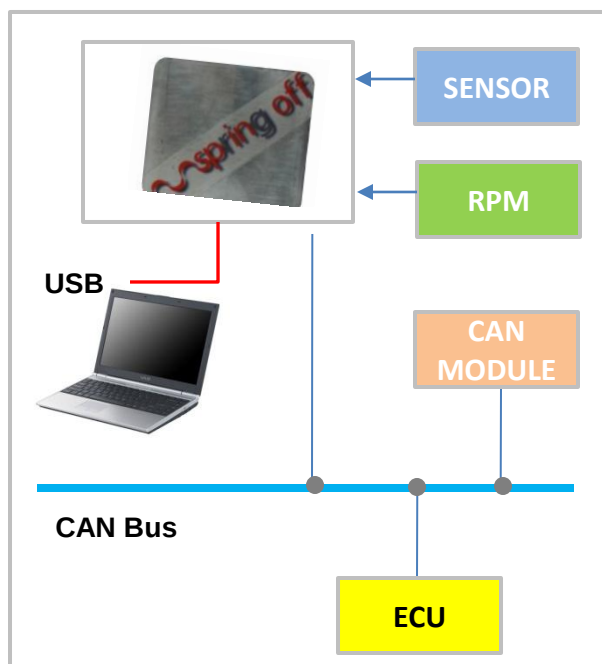
Flash memory.....	256 MB
Logging channels	64
Sampling Frequency	1 kHz

Miscellaneous

Power Supply	8 ÷ 20 V
Temp. Range.....	-40 ÷ 85 °C
IP	54
Dimension	
(excluded connectors).....	64 x 64 x 24 mm
Weight (approx.)	150 g

Technical specification could be modified without any notice.

Application Scheme



For further information, please contact :