pironex
electronic and software solutions

Datasheet piCAN-Logger

piCAN-Logger

Features

- Data logger
- EnergyBus compatible
- CAN-Interface
- available in different versions:
  - piCAN-Logger 12V
  - piCAN-Logger 24V
- Status indication
- DLL available

Overview

piCAN-Logger has been designed for recording and reading CAN-Bus messages. The captured data can be visualized either in real time or cached for later analysis on an integrated µSD card.
The CAN messages are received, stored and filtered according to the configurations.
A rugged aluminum housing allows the use of the data logger in harsh environment and offers numerous mounting options.
The open form of firmware as well as the high performance of the Microcontroller allow the integration of the device into EnergyBus systems.

Applications:

- Data logging
- Transient recorder
- Bus-Monitoring
- Protocol analysis

Details

Basics	
Processor	32 bit ARM Cortex M4F microcontroller Speed up to 160MHz 512 kByte Flash 64k Byte SRAM
Memory	customerspecific µSD-card

pironex
electronic and software solutions

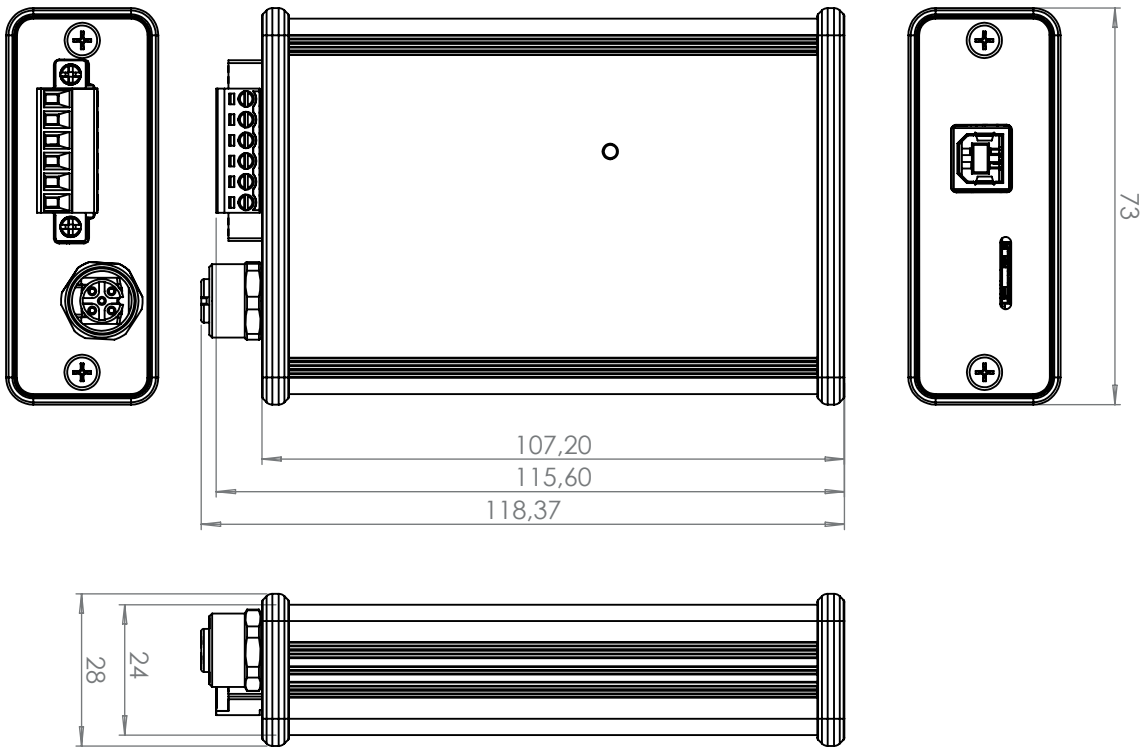
Interfaces

CAN-Interface	1 x CAN via erminal block (6-pin) via M12 connector (5-pin) EnergyBus-capable
USB (optional)	1 x USB Type B (Device)
RGB-LED	1 x RGB-LED for status display

Other properties

Power supply	5VDC via USB 12/24 VDC, 10,8 -13,2 V
Temperature range	-20°C to +60°C
Housing	Aluminium housing Dimensions: 73 x 28 x 100 (W x H x D)
RTC	Real-time clock with backup battery

Schematic Drawing



Scale: 1:1