

TC1014Pro

4 channel CAN FD bus
and I/O interface device



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Classic Application:

- Whole vehicle multi-channel CAN/CAN FD bus data acquisition
- Domain controller testing
- Various automated testing systems

Feature Overview

The TC1014 Pro is a 4-channel CAN FD bus and I/O interface device with a maximum bus rate of up to 8 Mbps. It connects to a PC via USB 2.0 and features a driver-free design for Windows, ensuring excellent system compatibility.

When paired with the powerful TSMaster software, the TC1014 Pro enables users to load and utilize database files in DBC and ARXML formats. It supports comprehensive monitoring, analysis, and simulation of CAN FD bus traffic, and offers advanced functionalities such as UDS diagnostics, ECU flashing, CCP/XCP calibration.

The TC1014 Pro supports secondary development through APIs available for both Windows and Linux platforms. It is compatible with various development environments such as C++, C#, LabVIEW, and Python, enabling seamless integration into a wide range of test systems with high efficiency and usability.

Characteristics

- μ s (microsecond) level hardware message timestamps to meet advanced requirements
- CAN channel DC 2500 V isolation
- CAN channel baud rate adjustable from 125 Kbps to 1 Mbps, and CAN FD supports a maximum of 8 Mbps
- Built-in 120-ohm terminal resistor for CAN, with the resistance value configurable through software
- CAN supports Self-ACK self-acknowledgment configuration
- Supports blf and asc format data recording and offline/online playback
- Supports hardware time synchronization across multiple device
- Provides API-based sample projects for easy secondary development

Ordering Information

| Product Name | Model Number | Function Description |
|----------------|--------------|---|
| Network Device | TC1014Pro | 4 channel CAN FD bus and I/O interface device |

Shipping list

- TC1014Pro device
- USB cable
- 12V2A power adapter
- DB9 female to dual male signal cable (CAN)
- DB9 solid non-solder male connector



USB Cable



12 V 2 A adapter



DB9 male



DB9 adapter cable (CAN)

Pin definition

- Left: CAN FD 1/3
- Right: CAN FD 2/4
- Bottom: I/O

