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- Autonomous Driving
- Road Testing
- Fleet Management

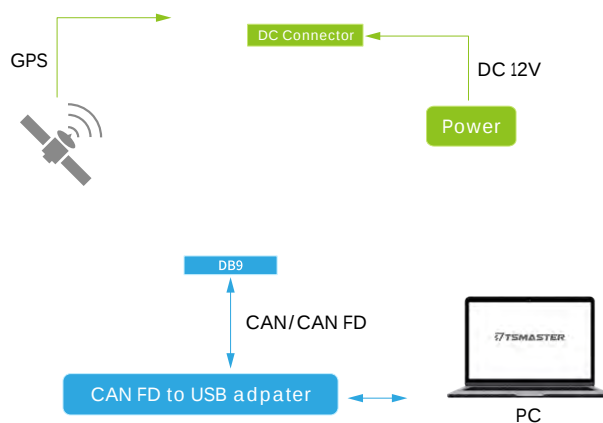
Feature Overview

The TM2101 can convert GPS and IMU information into CAN/CAN FD messages, easily integrating location, acceleration, attitude, and other data into any CAN/-CAN FD bus system. It provides reliable data support for vehicle systems, autonomous driving applications, precise navigation, and fleet management, ensuring the system receives real-time, accurate position and motion attitude information.

With the TSMaster software, you can conveniently configure nearly all related information, including CAN/CAN FD message IDs, location, and IMU settings. After configuration, a corresponding DBC file can be exported. Additionally, TSMaster allows loading of DBC files to parse all relevant information.

Characteristics

- Supports both CAN and CAN FD
- Built-in 120-ohm terminator, software configurable
- Supports GPS, BeiDou, GLONASS
- GPS supports up to 9 configurable NMEA sentences
- Button toggles config/user mode
- User-configurable data logging interval



Specification

Channel	
CAN End	
Communication End	
CAN	

Ordering Information

Product Name	Model Number	Function Description
Network devices	TM2101	GPS/IMU to CAN FD/CAN Module

Shipping list

- TM2101 device
- 12V 2A Power Adapter
- GPS Antenna