

# MS-26CAD-T10

**Dual Isolated CANbus 2.0B Xpansion Module  
With 6-bit Isolated DIO, G-sensor, mPCle**



## Features

- Isolated CANbus 2.0B backward compatible with 2.0A
- Support high speed CAN to 1M bps
- Termination resistor enabled/disabled by dip switch
- Built-in G Sensor & 6-bit Isolated DIDO
- Full/Half Size mPCle slot with Nano SIM slot

## Specification

### General

- Form Factor: Proprietary
- Input Connector: Xpansion slot (For M series Xpansion Socket)
- Output Connector:
  1. 10-pin Terminal Block (DIDO)
  2. 3-pin Terminal Block (CANbus Port#1 and CANbus Port#2)
- Internal IO:  
Full/Half Size mPCle Slot with Nano SIM slot

### Feature

- Support baud rate  
10/20/50/100/250/500/800/1000K
- Compliant with 11-bit identifier (CAN 2.0A standard format, SFF) & 29-bit identifier (CAN 2.0B extended format, EFF)
- 120 ohm Termination resistor enabled/disabled by dip switch
- 6-bit Isolated DIDO (3 x Digital Input, 3 x Digital Output)
- Built-in G sensor (Only support MP1-D model)

### Protection

- Isolation Power Protection: 2.5 KV
- Surge Protection: 2.5 KV
- ESD Protection: 8 KV (Contact), 15 KV (Air)

## Environmental

- Operating Temperature: -40 ~ 85°C
- Storage Temperature: -40 ~ 85°C
- Operating Humidity: 10% ~ 90% R/H (Non-condensing)

## Software

- OS Support: Microsoft® Windows® 10; Support Linux Driver and Demo code

## Ordering Information

- MS-26CAD-T10: Dual Isolated CANbus2.0B, 6-bit DIDO, mPCle, and built-in G sensor Xpansion