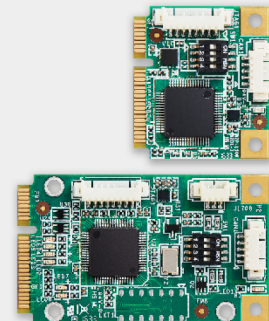


Features

- Full or Half PCI Express Mini Card
- Compliant with CAN 2.0 A/B Specification
- 2-Channel Individual CAN and J1708 Interfaces
- CANbus Baud Rate Setting: 125/250/500/800/1000Kbps
- Vehicle Communication Protocols: OBD-II, J1939 and J1708
- Built-in Programmable CAN Identifier Filtering
- Sensor Integrated: 3D Gyroscope, 3D Accelerometer
- Support Linux Socket CAN Driver
- VehicleON™ SDK for Quick System Integration



Introduction

ANTZER TECH's FARO Series can optionally support protocols from RAW CAN 2.0 a/ b, OBDII, J1939 to J1708. With FARO's VehicleON™ SDK, your system is allowed to get Car, Truck, Bus, Crane, Harvester & other commercial vehicle information easily.

Other powerful advantages as independent dual CANbus, Gyroscope/ Accelerometer on-board make FARO the ideal solution for the Fleet Management, Public Transit, Law Enforcement, Digital Signage Player, Vehicle Data Collection, Vehicle Tracking, Telematics System, and etc.

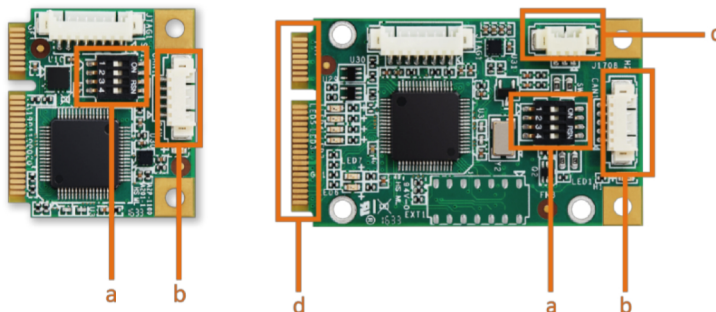
Specifications

Form Factor	Full or Half PCI Express Mini Card
Host Interface	USB 2.0 via PCI Express Mini Card Socket
Interface Number	CAN (ISO 11898) x 2 Individual Channels J1708 x 1 (FARO-FS900 Only)
Sensor	3D Gyroscope 3D Accelerometer
Protocol	OBD-II, J1939 and J1708
Identifier filtering	Mask and Identifier List Mode
Driver Support	Microsoft Windows 7 / 8 / 8.1 / 10 Linux Ubuntu 14.04 and Later SocketCAN (Source Code)
SDK Support	Microsoft Windows 7 / 8 / 8.1 / 10 Linux Ubuntu 14.04 and Later
Operation Temp.	-40°C ~ 85°C
Vibration Test	Pass 7.69G@ 20~2000Hz, compliant with MIL-STD-810G category 24
ESD Protection	8kV Contact, 15kV air
Certificate	CE/FCC
Dimension (L x W x H)	Full PCI Express Mini Card: 50.9 x 30 x 6.56mm Half PCI Express Mini Card: 26.8 x 30 x 6.56mm

VehicleON™ SDK

ANTZER TECH VehicleON™ is a convenient development kit to enable the CAN, J1708 and sensors hardware functions. Furthermore, the software features, such as the higher-layer protocols and identifier filtering, are also easy and flexible to be integrated to the applications. The included sample code is helpful to speed up the project schedule.

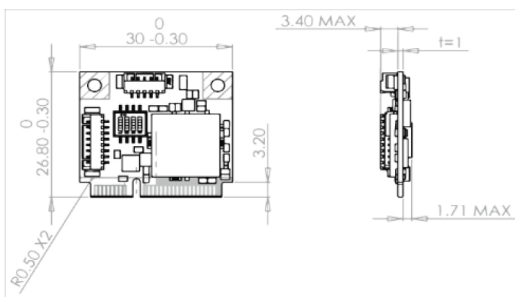
I/O Connectors



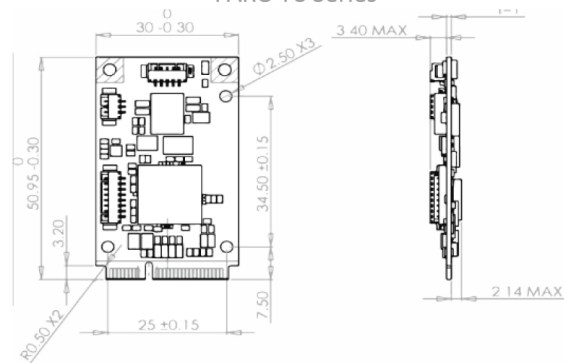
- a. CAN Function Switch
- b. 2-Channel CAN Connector
- c. J1780 Connector
- d. Golden Finger Pin to Mini-PCle Slot

Dimensions

FARO-HS Series



FARO-FS Series



Ordering Information

Part Number	Description
FARO-HS100	Half Mini PCIE(USB), 2 channels CAN 2.0A/B, Gyroscope, Accelerometer
FARO-HS700	Half Mini PCIE(USB), 2 channels CAN 2.0A/B, OBDII, J1939, Gyroscope, Accelerometer
FARO-HS900	Full Mini PCIE(USB), 2 channels CAN 2.0A/B, OBDII, J1939, x1 J1708, Gyroscope, Accelerometer

Optional Items

Part Number	Description
T1700000008	FARO/GADN CANbus cable, Box Header 5P to DB9 Cable, 2 ch CAN, 200mm (CA0001)
T1700000009	FARO/GADN CANbus cable, Box Header 5P to 2 DB9 Y Cable, 2 ch CAN, 200mm (CA0003)
T1700000010	FARO/GADN J1708 cable, Box Header 3P to DB9 Cable, 1 ch J1708, 200mm (CA0005)

ANTZER TECH CO., LTD.

Website : www.antzer-tech.com

Tel : +886-2-2723-3131

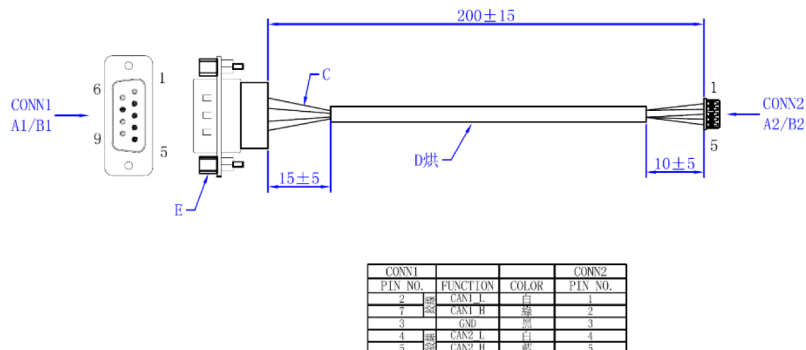
Email : sales@antzer-tech.com

Office : 7F., No. 237, Sec. 1, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

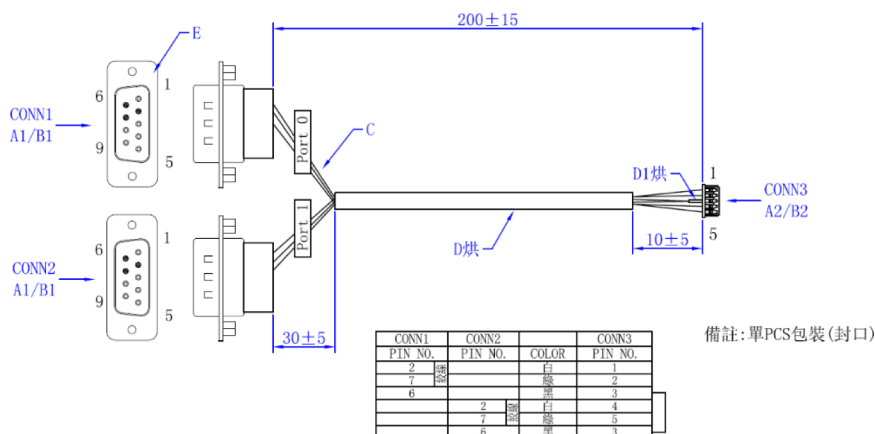


FARO CANbus Module

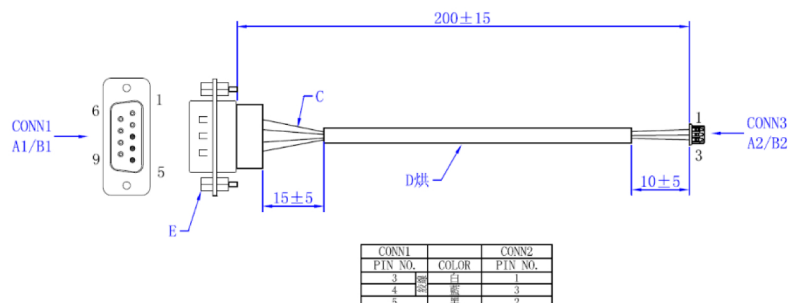
Cable: T1700000008 : FARO/GADN CANbus cable, Box Header 5P to DB9 Cable, 2 ch CAN, 200mm (CA0001)



Cable: T1700000009 : FARO/GADN CANbus cable, Box Header 5P to 2 DB9 Y Cable, 2 ch CAN, 200mm (CA0003)



Cable: T1700000010 : FARO/GADN J1708 cable, Box Header 3P to DB9 Cable, 1 ch J1708, 200mm (CA0005)



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