BC-WIFI2CAN-000　　　　　　　　　　　　　　　　　　　　**Wi-Fi CAN Interface**

Key Features

➢ WIFI2CAN Module can work in various modes (but not all simultaneously)

- **2D Wi-Fi RealDash interface** where CAN bus data is sent wirelessly via Wi-Fi to a mobile device (PC, laptop, smartphone, tablet) for near-field live visualization data on freely configurable application (click here to download 2D Wi-Fi RealDash interface manual)

- **Wireless *WinIt* 2D communication** to all 2D-CAN modules of a 2D system via Wi-Fi

- **Interface module for receiving NTRIP correction data** for RTK-GPS functionality

- **Socket server functionality** to exchange data between the interfaces Wi-Fi UART and CAN

- **Wi-Fi bridge feature** to connect two can bus systems wirelessly through WIFI connection (two WIFI2CAN modules required!)

Documentation reference
Click here to download WIFI2CAN setting manual with more detailed information to various WIFI2CAN modes and which can be used simultaneously

Available options

-001　　　　　　External SMA Antenna Connector for wider Wi-Fi range (up to XX m)

Technical specifications

CAN characteristics		
CAN lines		1
Baud rate	kBd	125 / 250 / 500 / 1000

Bluetooth		
Standards		BLE 4.2
Transmitter Class		1, 2, 3

Vibration resistance		
Shock	G	40
During time period of	ms	10
Vibration tested at	G	12
Measured with	Hz	1000

Environmental data		
Protection class	IP	67
Operating temperature	°C	-20 to +60
Humidity	%	5 to 95

Mechanical characteristics		
Housing material		ABS
Dimensions	mm	45x30x15
Weight (cable included)	g	40
Main Connector		Binder 712, 5PM
Cable		Raychem 4x AWG26
Length	mm	400

Electrical characteristics		
Power Supply	V	5 to 18
Current Consumption @ 12V	mA	80

Ordering information	
BC-BLE2CAN-000	200mm Cable
BC-BLE2CAN-001	2000mm Cable
BC-BLE2CAN-100	200mm Cable + SMA
BC-BLE2CAN-101	2000mm Cable + SMA

Connector layout   Connector type

CAN, Binder 712 5PM

Pin	Name	Description	Color
1	CAN-H	CAN High	white
2	CAN-L	CAN Low	green
3	GND	Ground	black
4	n.c.	Not connected	-
5	Vext	Power input	red
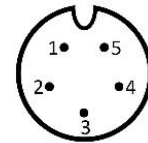
front view

Connector and cable length can be modified on customer request!

Dimensions

Downloads

- 2D-WiFi-Interace (RealDash interface)
- WIFI2CAN Manual