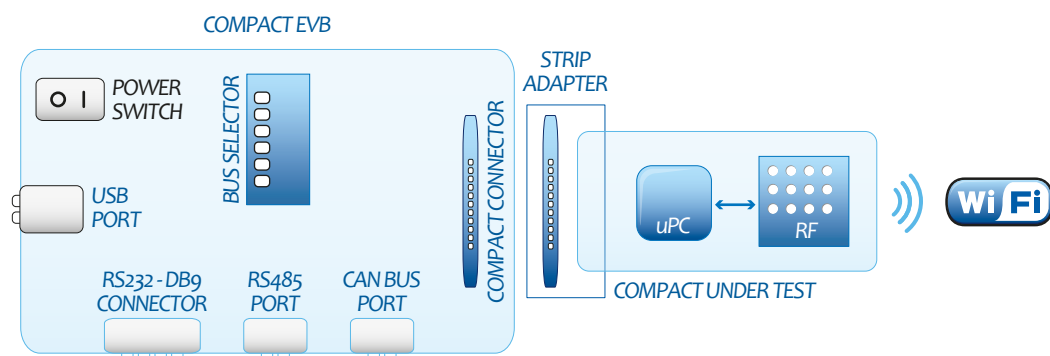


APPLICATION BLOCK DIAGRAM



TECHNICAL SPECIFICATIONS

HOST Interface	USB / UART / RS232 / RS485 / CANBUS
Data Memory	---
Operating Temperature	Commercial (0°C to +55°C)
Supply Voltage	USB Power Supply (Protection against OVC on board)
Dimension	90 mm x 45 mm x 25 mm

KIT PACKAGE

The EVB Kit include the follow items:

- EVB Board
- USB Cable
- Strip Adapter

PRODUCT SUPPORT

The COMPACT-EVB can be used in a limitless number of applications. It is ideal to be used by industry leaders in the areas of industrial, smart energy, logistic, health and medical, automotive, audio, and consumer applications. Wiicom is technology spin-off, founded in 2012, like innovation company in Incubator of Polytechnic in Turin, with head office in ITALY.

Through distributors Wiicom has presence in all country in Europe. For additional information, please visit www.wiicom.it or contact directly our customer web support.

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COMPACT-EVB

Evaluation Module serial data bus: UART, RS232, RS485, CAN BUS; reset push button; led WiFi flashing

Ordering Code: EVM-B1-2012

PRODUCT OVERVIEW

The Compact EVB is a configurable board to evaluate the features and performance of the WIICOM Wi-Fi modules of Compact family.

The evaluation board (EVB) with the module mounted on, can be connected to a Host Processor system through the different serial bus interfaces.

The EVB is power supplied by USB connector.

It's possible to test the Compact module in use with different serial interfaces like UART, RS232, RS485 or CANBUS. In case of UART connection, the EVB can be used directly to a PC using the USB cable.

From a PC it is possible to test the compact module using a Hyperterminal application or WII_terminal, a specified software supplied by WIICOM.

In case of RS485 or CANBUS the user should connect the EVB board's interface to Host application and configure the module through Wi-Fi PC-Configurator.

The software kit to configure the Compact module connected to EVB includes reference driver software and application which can be used to open and close sockets (TCP, UDP) and exchange data with a PC or remote Wi-Fi device.

PRODUCT APPLICATION

The EVB is designed only for laboratory test purpose.



FEATURES & BENEFITS

- Compliant with all Compact Module family
- Power Supply through USB Connector
- Switch BUS selector to Serial data option
- CAN BUS directly on Compact
- On board connectors
- Test to Ad-hoc and infrastructure operation modes
- Support WPA/WPA2-PSK and WEP security modes
- Support TCP and UDP protocol

PURPOSE

- First installation test
- Evaluation performance of Compact Module family
- Interoperability verification