

# Product Brief WIB Evaluation Kit

January 2019, v1.1

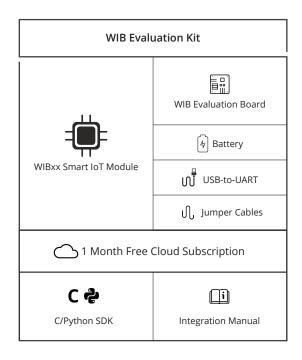
# Copyright ® Inovatink WWW.INOVATINK.COM INOVATINK RESERVES THE RIGHT TO CHANGE PRODUCTS, INFORMATION AND SPECIFICATIONS WITHOUT NOTICE. Products and specifications discussed in this documents are strictly for reference purposes only. All information discussed here is provided on an "AS IS" basis, without warranties of any kind. This document and all information discussed here remain the sole and

exclusive property of Inovatink. No license of any patent, copyright, mask work, trademark or any other intellectual property right is granted by one party to the other party under this document, by implication, estoppel or other-wise. Inovatink products are not intended for use in life support, critical care, medical, safety equipment, or similar applications where product failure could result in loss of life or personal or physical harm, or any military or defense application, or any governmental procurement to which special terms or provisions may apply. For updates or additional information about Inovatink products, contact Inovatink at info@inovatink.com. All brand names, trademarks and registered trademarks belong to their respective owners.

INOVATINK, 2019

#### **General Information**

WIB series modules provide out-of-the-box Cloud services and analytics to Internet of Things application developers. WIB series modules integrate secure connectivity, high performance processor and rich set of peripherals. In the minimum operational configuration WIB modules need to be; (i) mechanically hosted by an application board, (ii) properly powered and (iii) interfaced with application hardware via peripheral signals. WIB Evaluation Kit provides the necessary operational configuration for WIB modules and allows for fast and easy application evaluation.



# **Key Benefits**

WIB Evaluation Kit allows users to explore the advantages of the WIB series modules while experiencing hassle free interconnection between the module and Inovatink Device Cloud. With a 1-month free cloud subscription, users can monitor their assets and explore demo dashboards.

- Fast product evaluation
- Easy proof of concept and prototyping
- IoT scenario testing

### **Kit Contents**

- Evaluation board
- WIB series module
- Jumper cables
- WIB C/Python SDK
- WIB series integration manual
- 1 Month cloud subscription
- LiPo battery \*
- USB-to-UART bridge adapter \*
- 5V/2A Adapter \*
- 2W Solar panel \*
- GSM/GPRS antenna \* optional

## **Technical Details**

WIB Evaluation Kit is generalized solution that can be used to prototype many different IoT applications. Evaluation board can be used to host all of the WIB series modules (WIB, WIB2G, WIBNB). It can be used for both battery and DC adapter powered applications. For more information about the individual module that comes with the kit please refer to integration manual. Figure below depicts the peripheral interface of the evaluation board. This board should be powered by  $5\mathrm{V}/2\mathrm{A}$  power supply from VIN - GND pins. Board generates  $3\mathrm{V}3$  (200mA) and  $5\mathrm{V}$  (200mA) that can be used for peripheral devices. The rest of peripheral pins are explained in the integration manual.

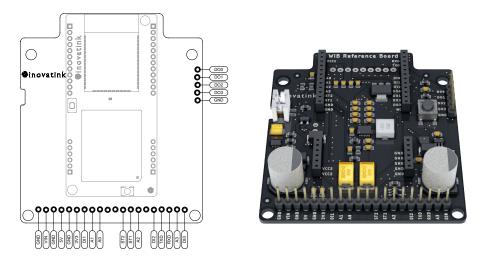


Figure 1: Evaluation board

Product Brief WIB Evaluation Kit January 2019, v1.1 INOVATINK Istanbul, Turkey