inovatink

Product Brief WIB Evaluation Kit

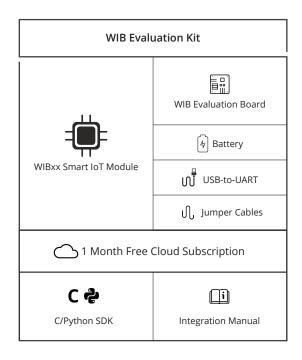January 2019, v1.1

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.

WIB Evaluation Kit	
WIBxx Smart IoT Module	WIB Evaluation Board
	Battery
	USB-to-UART
	Jumper Cables
1 Month Free Cloud Subscription	
C/Python SDK	Integration Manual

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 5V/2A power supply from VIN - GND pins. Board generates 3V3 (200mA) and 5V (200mA) that can be used for peripheral devices. The rest of peripheral pins are explained in the integration manual.

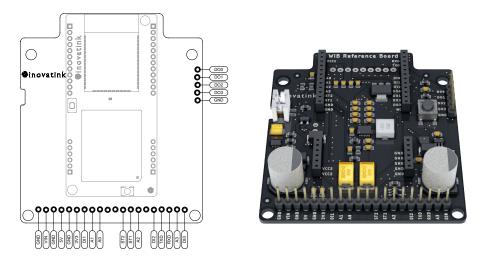Figure 1: Evaluation board