



APPENDIX H : USER'S MANUAL

S907-JEWB-C User Information

(Model Name : S907-JEWB-C)

Contents

1. Overview and Specification

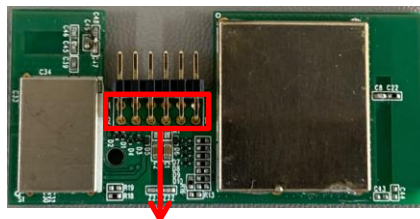
- (1) Overview
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1. Overview and Specification

(1) Overview

- 1) This is a BLE/Wi-Fi module
- 2) BLE is a technology for low cost and energy wireless networks, this technology is mainly used in home networks and wireless sensor networks based on two-way wireless personal area networks.
- 3) Wi-Fi wireless communication with wired LAN IoT product for protocol and application performance based on IEEE 802.11 b/g/n standard technology
- 4) Wi-Fi and BLE do not operate at the same time
- 5) This module is mounted on the body using a connector
- 6) Module pin header Pin Map



BLE nRST	BLE GPIO	GND	GND	Wi-Fi Wake_Up	Wi-Fi UART_RX
BLE UART_TX	BLE UART_RX	BLE VDD	Wi-Fi VDD	Wi-Fi nRESET	Wi-Fi UART_TX

(2) Specification _ Wi-Fi

Category	Details
Model No.	S907-JEWB-C
Range of Frequency	2412MHz ~ 2484MHz
Channel	15EA
Transmission output	16 dBm
Reception sensitivity	-96 dBm
Modulation	CCK/OFDM/MCS7
Antenna	PCB Pattern Antenna
Power	DC 3.3V

(2) Specification _ BLE

Categories	Details
Model No.	S907-JEWB-C
Range of Frequency	2402MHz ~ 2480MHz
Channel	40EA
Transmission output	4 dBm
Reception Sensitivity	-90 dBm
Antenna	PCB Pattern Antenna
Power	DC 3.3V

2. Federal Communication Commission (FCC) Radiation Exposure statement

Federal Communication Commission (FCC) Radiation

Exposure statement

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This modular must be installed and operated with a minimum distance of 20 cm between the radiator and user body.

Warning!

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Note : The manufacturer is not responsible for any Radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

FCC Caution

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
1.This device may not cause harmful interference 2.This device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate equipment. The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Grantees are responsible for the continued compliance of their modules to the FCC rules. This includes advising host product manufacturers that they need to provide a physical or e-label stating "Contains FCC ID" with their finished product. See Guidelines for Labeling and User Information for RF Devices – KDB Publication 784748.

Additional guidance for testing host products is given in KDB Publication 996369 D04 Module Integration Guide. Test modes should take into consideration different operational conditions for a stand-alone modular transmitter in a host, as well as for multiple simultaneously transmitting modules or other transmitters in a host product.

The grantee should provide information on how to configure test modes for host product evaluation for different operational conditions for a stand-alone modular transmitter in a host, versus with multiple, simultaneously transmitting modules or other transmitters in a host.

Grantees can increase the utility of their modular transmitters by providing special means, modes, or instructions that simulates or characterizes a connection by enabling a transmitter. This can greatly simplify a host manufacturer's determination that a module as installed in a host complies with FCC requirements.

The grantee should include a statement that the modular transmitter is only FCC authorized for the specific rule parts (i.e., FCC transmitter rules) listed on the grant, and that the host product manufacturer is responsible for compliance to any other FCC rules that apply to the host not covered by the modular transmitter grant of certification. If the grantee markets their product as being Part 15 Subpart B compliant (when it also contains unintentional-radiator digital circuitry), then the grantee shall provide a notice stating that the final host product still requires Part 15 Subpart B compliance testing with the modular transmitter installed.