User Guide

The Onion Epsilon WIFI Module，it integrates a WinnerMicro's WIFI chip W600 which supports multi-interface and multi-protocol wireless LAN IEEE802.11n (1T1R),the W600 Chip is integrates a 32bits Cortex-M3 core, built-in 1MB Flash, RF Transceiver, CMOS PA power amplifier, baseband processor/media access control, supports SDIO, SPI, UART, GPIO, I2C, PWM, I2S and other interfaces, and supports a variety of encryption and decryption protocols.So this Module is suitable for intelligent household appliances, smart home, wireless audio, smart toys, medical monitoring, industrial control and other Internet of Things applications.

Features:
◦ Embedded 32Bit Coertex-M3 Kernel, Built-in 1MB Flash
◦ 1T1R 2.4 GHz with 150 Mbps PHY data rate
◦ IEEE 802.11b/g/n
◦ Support x1 SDIO
◦ Support x1 I2C
◦ Support x1 I2S
◦ Support x1 SPI
◦ Support x2 UART
◦ Support PWM,GPIO
◦ Ambient Temperature -20-55℃
◦ Operating Humidity 10%-90%RH（Non-Condensing）
◦ Storage Humidity 5%-90%RH（Non-Condensing）
◦ Working voltage DC 3.3V

FCC Statement

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, and (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 user's authority to operate the equipment.

The modular can be installed or integrated in mobile or fix devices only. This modular cannot be installed in any portable device.

FCC Radiation Exposure Statement

This modular complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. 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.

If the FCC identification number is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module. This exterior label can use wording such as the following: "Contains Transmitter Module FCC ID: 2AJVP-EPSILON Or Contains FCC ID: 2AJVP-EPSILON"

When the module is installed inside another device, the user manual of the host must contain below warning statements;

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(2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The devices must be installed and used in strict accordance with the manufacturer's instructions as described in the user documentation that comes with the product.