



UEI UE61S Wi-Fi and BLE Module

Wi-Fi: 802.11 b/g/n

Bluetooth: LE 5.0

Model Number: 590070000006

Quick Reference Guide

PAIRING BLE MODULE (English)

1. Apply Power 3.3V to module
2. Send serial command via UART
3. Module will be in advisement mode

Caution

Please read these safety instructions to ensure our personal safety and prevent property damage

Warning

- Do not put remote in a fire
- Do not disassemble the remote control
- Disposal of the remote control



Disposal of Old Electrical
& Electronic Equipment
(Applicable in the
European Union and other
European countries with
separate collection
systems)

A warning that batteries shall not be exposed to excessive heat such as sunshine, fire or the like.

Important Safety Instruction

1. Read these instruction
2. Keep these instruction
3. Head all warning
4. Follow all instructions
5. Do not use this apparatus near water
6. Clean only with dry cloth
7. Do not install near any heat source such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
8. Only use attachment/accessories specified by manufacture
9. Refer all servicing to qualified service personnel. Service is required when apparatus has been damaged in any way, such as liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, dose not operate normally, or has been dropped.

Specification

Operating Temperature: 0°C to 50°C

Operating Voltage: 3.3V

FCC/ISED Part 15C/RSS-Gen warning statement

FCC

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.

ISED

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'ISDE Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

La bande 5150–5250 MHz est réservée uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

FCC/ISED RF exposure considerations

FCC

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.

RF Exposure - This device is only authorized for use in a mobile application. At least 20 cm of separation distance between the module and the user's body must be maintained at all times.

ISED

This device meets the IC requirements for RF exposure in public or uncontrolled environments.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

RF Exposure - This device is only authorized for use in a mobile application. At least 20 cm of separation distance between the module and the user's body must be maintained at all times.

Instruction to module Integrator (for module integration)

Labelling

A label must be affixed to the outside of final commercial product with the following statements:

This device contains FCC ID: **MG3-59007000006**
Contains IC: **2575A-59007000006**

Antenna

The antenna gain of a new antenna should be of the same type as the originally approved antenna and the antenna gain should not be higher than the antenna gain of the originally tested antenna. The list of originally approved PCB antennas is the following

- Type of antenna: **PCB antenna**; P/N: **N/A**, peak gain: **1.5 dBi**
Antenna P/N: **UE61S-ant**

FCC RF exposure considerations

Consistent with §2.909(a), the following text must be included within the user's manual or operator instruction guide for the final commercial product:

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 device is only authorized for use in a mobile application. At least 20 cm of separation distance between the module and the user's body must be maintained at all times.

Additional testing, Part 15 Subpart B disclaimer

The final host / module combination may also need to be evaluated against the FCC Part 15B criteria for unintentional radiators in order to be properly authorized for operation as a Part 15 digital device. The FCC Part 15 Statement shall be included in the user manual of final commercial product if applicable.

Caution Statement for Modifications:

CAUTION: Any changes or modifications not expressly approved could void the user's authority to operate the equipment.

Warning Statement:

Europe-EU Declaration of Conformity and Restrictions

Hereby, Universal Electronics Inc., declares that this module is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/E

This equipment is marked with the symbol and can be used throughout the European community. This indicates compliance with the RE Directive 2014/53/EU and meets the relevant parts of following technical specifications:

EN 300 328 v2.2.2

EN 301 489-1 v2.2.3 / -17 v3.2.4

EN 62368-1:2020+A11:2020

EN 62479: 2010

EN 55032: 2015

EN 55035: 2017

安全注意事項

根據NCC低功率電波輻射性電機管理辦法 規

定: 第十二條

經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條

低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前項合法通信，指依電信法規定作業之無線電通信。

低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

Spanish:

‘La operación de este equipo está sujeta a las siguientes dos condiciones’

1. Es posible que este equipo o dispositivo no cause interferencia perjudicial
2. Este equipo o dispositivo debe aceptar cualquier interferencia. Incluyendo la que pueda causar su operación no deseada.’