



11n Wireless USB Module



User Manual

WIRELESS FUTURE. UNLEASHED NOW.

Model: HT-WM11M, HT-WM11F

FCC ID: Q8UHT-WM11M



The purpose of this manual is to explain the correct way to integrate module model number: HT-WM11M, HT-WM11F to the end product. It includes procedures that shall assist you to avoid unforeseen problems.

This manual presents information that shows how module and OEM product, where module integrated, complies with regulations in certain regions. Any modifications, not expressly approved by the manufacturer could void the authority to operate in these regions.

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1. General

This Wifi® radio module has to be installed and used in accordance with the technical description/installation instructions provided by the manufacturer.

This radio module has been certified under FCC Part 15.247 for use in the United States.

For detailed information concerning certification of this please contact the authorized local distributor or the manufacturer.

The system may only be implemented in the configuration that was certified. Note that any changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authority to operate this equipment.

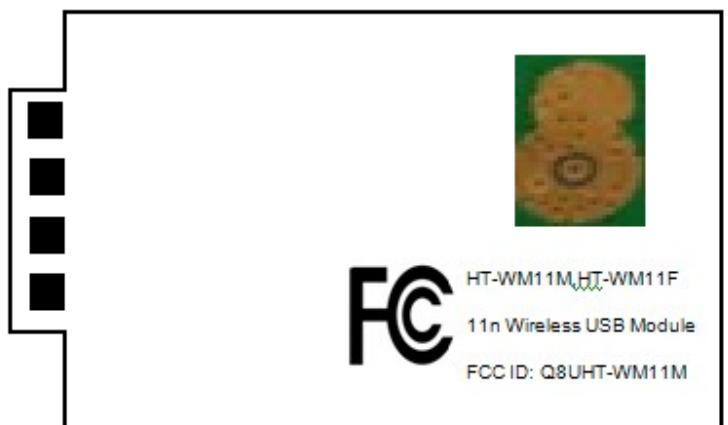
FCC RF Radiation Exposure Statement: This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transceiver must not be co-located or operating in conjunction with any other antenna, transmitter, or external amplifiers.

Unauthorized modification could void authority to use this equipment.

2. Labeling.

HongTech Electronics Co., Ltd. 11n Wireless USB Module

model number: HT-WM11M, HT-WM11F labeled as below.



FCC Regulatory Information. OEM device should contain labeling that:

Approved in accordance to FCC rules transmitter module marked by FCC ID: Q8UHT-WM11M, manufactured by Shenzhen Kingnet Technology Co,Ltd to OEM product. When it's not possible, user manual should include such information.

For example:

"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." This device contains FCC ID: Q8UHT-WM11M.

PROPOSED FCC ID LABEL FOR HOST DEVICE

This device contains FCC ID: Q8UHT-WM11M

11n Wireless USB Module, model number: HT-WM11M, HT-WM11F can be incorporated into many different devices. The modules generally consist of a completely self-contained radiofrequency transceiver missing only a power source to make it functional. Once the modules are authorized by the Commission under our certification procedure, they may be incorporated into a number of mobile devices. The completed product generally is not subject to requirements for further certification by the FCC.

3. Other regulatory notes for OEM.

Modular transmitters save manufacturers the time and any related expenses that would be incurred if a new equipment authorization were needed for the same transmitter when it is installed in a new device. This means that it can be integrated into end products without further testing or approval listing. The manufacturer must state the Shenzhen Kingnet Technology Co,Ltd part number and product reference in his literature in order to meet the module requirements and regulatory. This should be clearly indicated in the OEM manuals.

The purchaser / integrator (developer) must satisfy all relevant FCC, SAR, EMC and Radio regulations which apply to their finished product. We believe such parties have the technical competence to ensure that the systems they deploy continue to comply with all those rules.

It is illegal to use amplifiers or higher gain antennas with this module. Maximum supply voltage allowed is 3.7Vdc

4. Antenna Specification

Antenna Manufacturer: Shenzhen Kingnet Technology Co,Ltd
Dimension: 15mm x 3mm

Center frequency 2452MHz

Band width 6DB

Antenna gain 2.0 dBi max.

Impedance 50Ω VSWR 2max.

Temperature range

Operating 0°C to +40°C

Storage -40 to +70°C

5. Separate Approval.

A separate approval of the device into which the module is incorporated is only required when it cannot be insured that the conditions on the module grant will be met. The purchaser must satisfy all relevant FCC, EMC and Radio regulations R&TTE directive which apply to their finished product.

6. FCC Regulatory Information.

Adherence to the following is required:

IMPORTANT: OEMs must test their final product to comply with unintentional radiators (FCC section 15.107 and 15.109) before declaring compliance of their final product to Part 15 of the FCC Rules.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Ad Hoc function is supported but not able to operate on non-US frequencies.---WIFI