



Qingdao Hisense TV's WIFI Bluetooth module Instructions

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The Hisense logo is displayed in a large, bold, green font. The letter 'H' is stylized with an orange square above the left vertical stroke.

Qingdao Hisense TV's WIFI Bluetooth



The product description

- The user can achieve TV connection WIFI net and Bluetooth, through this module
- This equipment may be operated in all European countries.



Basic parameters

Feature Description	Feature Description
Product Name	BT/WiFi Moudule
Model	MW510
Major Chipset	MT7663BU
WLAN Standard	IEEE 802.11 a/b/g/n/ac
BT Standard	Bluetooth 5.0
Frequency Range	2.4GHz~2.4835GHz,5.15~5.85GHz
Spread Spectrum	WiFi 802.11b:DBPSK,DQPSK,CCK for DSSS 802.11g:BPSK,QPSK,16QAM,64QAM for OFDM 802.11n:BPSK,QPSK,16QAM,64QAM for OFDM 802.11a:BPSK,QPSK,16QAM,64QAM,for OFDM 802.11ac:BPSK,QPSK,16QAM,64QAM,256QAM,for OFDM Bluetooth:GFSK, $\pi/4$ -DQPSK and 8-DPSK
Interface	USB2.0
Supply Voltage	3.3V±0.2V
Dimension	55 mm *33 mm *3.15(mm)
Operating Temperature	-10°C to 70°C
Storage Temperature	-40°C to 85°C

RF output power

	Band	Limited power
BT	2402MHZ-2480MHZ	0-20
WLAN	2412MHZ-2472MHZ	<20
	5150MHZ-5850MHZ	

The display method of Model approved code

In the factory, the model approve code is pasted on the back shell in a label.

FCC Statement

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.

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.

FCC ID:SARMW510

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of FCC RF Rules. This equipment should be installed and operated with minimum distance of 20 in (50cm) between the radiator and your body. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter

CAUTION:

To comply with the limits of the Class B digital device pursuant to Part 15 of the FCC Rules, this device is compliant with Class B limits. All peripherals must be shielded and grounded. Operation with non-certified peripherals or non-shielded cables may results in interference to radio or reception

MODIFICATION

To assure continued compliance, Any changes or modifications not expressly approved by the grantee of this device could void the users authority to operate the device.


Radiation Exposure Statement

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 50 cm(8 in)between the radiator and your body NOTE To satisfy FCC exterior labeling requirements, the following text must be placed on the exterior of the end product Contains Transmitter module

FCC ID: SARMW510

To satisfy IESD exterior labeling requirements, the following text must be placed on the exterior of the end product
" Contains Transmitter module **IC:** 27123-MW510

The device is restricted to indoor use only when operating in the 5150 to 5350 MHz frequency range.

	BG	CZ	DK	DE	EE	IE	EL	ES	FR	HR
	CY	LV	LT	LU	HU	MT	NL	AT	PL	PT
	SI	SK	FI	SE	UK	NO	IS	LI	CH	TR

- **Manufacturer:** QingdaoHisense Communication Co., Ltd.
- **Address:** 218 Qianwangang Road, Qingdao Economic & Technological Development Zone, Qingdao, China
- **Importers:** Hisense France SAS
- **Address:** 9 Rue des 3 Soeurs, 93420 Villepinte, France Hisense Iberia, S.L.U
- **Address:** Ronda Auguste y Louis Lumiere. 23 Nave 12. Edificio Lumiere – Parque Tecnológico 46980 Paterna (Valencia) – Spain Hisense Italia S.r.l
- **Address:** Via Montefeltro, 6/A, 20156 MILANO Hisense South Africa
- **Address:** The Estuaries, Building 17 Oxbow Crescent, Century City, Cape Town, SouthAfrica

IC Statement

1. the device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;Footnote4
2. for devices with detachable antenna(s), the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall be such that the equipment still complies with the e.i.r.p. limit;
3. for devices with detachable antenna(s), the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits as appropriate; and
4. where applicable, antenna type(s), antenna models(s), and worst-case tilt angle(s) necessary to remain compliant with the e.i.r.p. elevation mask requirement set forth in section 6.2.2.3 shall be clearly indicated.

This device complies with Industry Canada’s licence-exempt RSSs. Operation is subject to the following two conditions:

“Operation is subject to the following two conditions:

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

EU DECLARATION OF CONFORMITY

EU DECLARATION OF CONFORMITY

It is hereby declared that following designated product:

Product Type: BT/Wi-Fi Module

Product colour image



Model No: MW510

Product Description: BT/Wi-Fi Module

Software version: —

Hardware version: V1.00A

Complies with the essential protection requirements of Directives on Radio Equipment Directive 2014/53/EU. The assessments were based on the following regulations and standards:

This declaration is the responsibility of the manufacturer: Qingdao Hisense Communication Co., Ltd.

No.218, Qianwangang Road, Economic and Technological Development Zone, Qingdao, Shandong Province, China

Authorised person signing for the company:

Li Hao PM Title of Qingdao Hisense Communication Co., Ltd.

Name in block letters & position in the company

Qingdao, July 6, 2021

Place & date

Legally valid signature

The use manual of TV's WIFI, Bluetooth module



Model	QD55W510
Part No.	QD55W510
Rev.	1.0
Page	1 of 1
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MW510, SARMW510, TV s WIFI Bluetooth module