

The user manual of TV's WIFI module

1. The product description

The user can achieve TV connection WIFI net, through this module and the voltage supplied by the system to the module needs to be transmitted by a voltage regulator or circuit

This equipment may be operated in all European countries.

The module installation method is as follows: pass the large round hole of the module through the limit column of the bracket of the TV, and fix the module by the snap-fit on the bracket.

2. Basic parameters

Feature Description	Feature Description
Model	MWH630B
Product Name	WiFi/ BT Module
Major Chipset	MT7663UN and RTL8852BE
Antenna Reference	Internal Printed PCB ANT
Interface	MT7663UN USB2.0 , RTL8852BE PCIE and uart
Supply Voltage	5V±0.5V
Dimension	200.0×190.0×8.3mm (Tolerance±0.3mm)
Operating Temperature	-10° C to 70° C
Storage Temperature	-40° C to 80° C

3. RF output power

	Band	Limited power
WLAN	MT7663BUN: 2400-2483.5MHz; 5170-5330MHz; 5490-5710MHz; 5735-5835MHz RTL8852BE-VR-CG 2400-2483.5MHz; 5170-5330MHz; 5490-5710MHz; 5735-5835MHz	<20dBm

4. The display method of Model approved code

In the factory, the model approval code is displayed on the PCB board through silk screen printing.

5. 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.

6. 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.

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



This symbol on the product or on its packaging indicates that this product must not be disposed of with your household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

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

8. IC Statement

i、 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."

Le présent appareil est conforme aux CNR d'Industrie 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;
- 2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Manufacturer: Qingdao Intelligent & Precise Electronics Co., Ltd.

Address: No.218 Qianwangang Road, Qingdao Economic & Technological Development Zone, Qingdao City, Shandong Province, P. R. 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

Warning:

Without approval, companies, businesses, or users are not allowed to change the frequency, increase power, or change the characteristics and functions of the original design of low-power RF equipment that has obtained the verification certificate.

The use of low-power RF equipment shall not affect flight safety or interfere with legitimate communication; When interference is found, it should be immediately stopped and improved until there is no interference before continuing to use.

Legal communication refers to wireless communication operated in accordance with the provisions of the Telecommunications Management Law. Low power radio frequency equipment must withstand interference from legitimate communication or industrial, scientific, and medical electromagnetic wave radiation electrical equipment.

EU DECLARATION OF CONFORMITY

It is hereby declared that following designated product:

Product Type:	WiFi/BT Module	Product colour image 
Brand:	Hisense	
Model No:	MWH630B	
Product Description:	WiFi/BT Module	
Hardware version:	V1.0	
Software version:	---	

Complies with the essential protection requirements of Directives on Radio Equipment Directive 2014/53/EU, Restriction of the Certain Hazardous Substances in electrical and electronic equipment (Directive 2011/65/EU), Eco-design Requirements for Energy-Related Products (Directive 2009/125/EC) and their amendments.

The assessments were based on the following regulations and standards:

Requirement	Standard	Report No.	Assessment Body
Health and safety	IEC 62368-1:2018 and/or EN 62368-1:2020+A11:2020	SRTC2023-9004(R)-0028 SRTC2024-9004(R)-24012204(I)	PHOENIX Test Lab (Notified body 0700) Certificate:
	EN 62311:2020		
	EN 50383:2010		
	EN 50385:2017		
	1999/519/EC		
EMC	ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-3 V2.3.2 Draft ETSI EN 301 489-17 V3.2.6	SRTC2024-9003(R)-0027	
Radio Spectrum	ETSI EN 300 328 V2.2.2 ETSI EN 301 893 V2.1.1 ETSI EN 300 440 V2.2.1	SRTC2024-9004(R)-24012204(D)	
		SRTC2024-9004(R)-24012204(E)	
		SRTC2024-9004(R)-24012204(F)	
		SRTC2024-9004(R)-24012204(G)	
		SRTC2024-9004(R)-24012204(P)	

This declaration is the responsibility of the manufacturer:

Qingdao Intelligent&Precise Electronics Co.,Ltd.

No.218 Qianwangang Road, Qingdao Economic & Technological Development Zone, Qingdao City, Shandong Province, P. R. China

Authorised person signing for the company:

Name: Wang Haining

Title: Certification Engineer

Name in block letters & position in the company

Qingdao , 11,March 2024

Signed

Wang Haining

Place & date

Legally valid signature