Hisense MW506 WIFI Module User Manual

The user manual of TV's WIFI module

1. The product description

The user can achieve a 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 consists of an SMT metal antenna and an external IPEX antenna.. When the module works,

choose one antenna with a strong signal according to the signal strength. During the test, the test can be performed separately; the metal antenna of the on-board patch only or external IPEX antenna only. 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. Connect the external IPEX antenna to the antenna pedestal of the module when Host is installing the module, ensure that a stable rated voltage is provided for the module to use. It is better to have a voltage regulator line or voltage regulator at the input power terminal of the module before providing power to the module.

2. Basic parameters

Feature Description	Feature Description
Model	MW506
Product Name	WiFi Module
FCC ID	SARMW506
IC ID	27123-MW506
Interface	USB2.0
Supply Voltage	3.3V±0.33V
Dimension	30 (mm) *47 (mm) *6.2(mm)
Operating Temperature	-10° C to 70° C
Storage Temperature	-40° C to 85° C

3. RF output power

	Band	Limited power
WIEN	2412MHZ-2472MHZ	<20
	5150MHZ-5850MHZ	

4. The display method of Model approved code
In the factory the model approve code is pasted on the back shell in a label.

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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.

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 a 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 result 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 user's 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: ******* 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 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

ii 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;

iii 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

iv 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 license-exempt RSS. 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."

IC ID 27123-MW506

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Documents / Resources

	Hisense MW506 WIFI Module [pdf] User Manual MW506, SARMW506, MW506 WIFI Module, WIFI Module