Manuals+ — User Manuals Simplified.

Shenzhen Hitevision Technology Wi-Fi6 Module Instructions

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Contents

FCC Statement

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, in cluding interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's au thority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant t o part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interferenc e in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not inst alled and used in accordance with the instructions, may cause harmful interference to radio communications. How ever, 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 o n, 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

Radiation Exposure Statement

This equipment complies with **FCC** radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. Country Code selection feature to be disabled for products marketed to the US/Canada.

This device is intended only for OEM integrators under the following conditions:

1. The antenna must be installed such that 20 cm is maintained between the antenna and users, and

2. The transmitter module may not be co-located with any other transmitter or antenna,

Important Note:

This modular transmitter is only FCC authorized for FCC Part 15.247&15.407 as listed on the grant, and the host product manufacturer is responsible for compliance to any other FCC rules that apply to the host not covered by the modular transmitter grant of certification. The final host product still requires Part 15 Subpart B compliance testing with the modular transmitter installed.

End Product Labeling

If the FCC identification number is not visible when the module is installed insideanother device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module. This exterior label can use wording such as the following: Contains Transmitter Module .

Information that must be placed in the end user manual:

The OEM integrator has to be aware not to provide information to the end user regarding how to install or remove this RF module in the user's manual of the end product which integrates this module. The end user manual shall include all required regulatory information/warning as show in this manual.

OEM integration instructions:

This device is intended only for OEM integrators under the following conditions:
The transmitter module may not be co-located with any other transmitter or antenna. The module shall be only used with the external antenna(s) that has been originally tested and certified with this module. As long as the conditions above are met, further transmitter test will not be required. However, the OEM integrator is still responsible for testing their end-product for any additional compliance requirements required with this module installed (for example, digital device emissions, PC peripheral requirements, etc.).

Validity of using the module certification:

In the event that these conditions cannot be met (for example certain laptop configurations or co-location with another transmitter), then the FCC authorization for this module in combination with the host equipment is no longer considered valid and the FCC ID of the module cannot be used on the final product. In these circumstances, the OEM integrator will be responsible for re-evaluating the end product (including the transmitter) and obtaining a separate FCC authorization.

PRODUCT SPECIFICATION

Customer Name Hong he Technology Group
Supplier: Chengdu Fei Yu Xing Technology Co. LTD
Product Name: Wireless Module
Supplier Module: AZ932-HN
Hardware version: V1.0

Preparer: Zhiyong liu
Reviewer: Zhang Chaobing
Approver: Tan Yi
Date: December 5, 2022

Product version modification records

Product overview

As AZ932-HN network module Customized board for commercial display.

Version	Modified Content Description	Date	Modifier	Approver
V1.0	First Edition	March 15, 2022	Zhi-yong liu	Zhang Chaobing

screen this product builds environment network foundation and service for Business display screen Internet access. The product integrates two wireless network cards, The product supports wireless access and hotspot release functions Then,at the same time to provide larger cable and WIFI6 dual-band wireless (integrated bluetooth 5.2) data communication, realize the multipath access to the Internet access Domestic output at the same time WIFI5 hotspot is used to projection screen and other wireless LAN using equipment
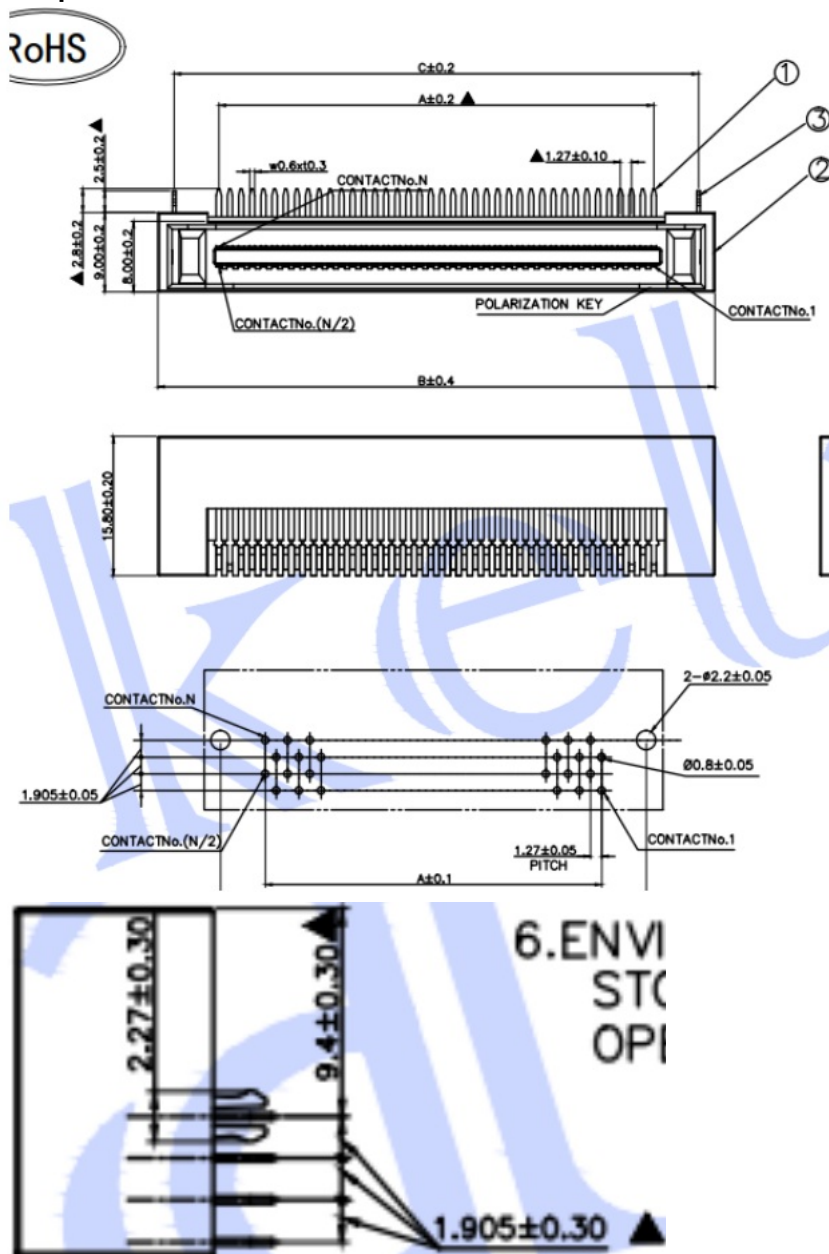
Technical specifications of products

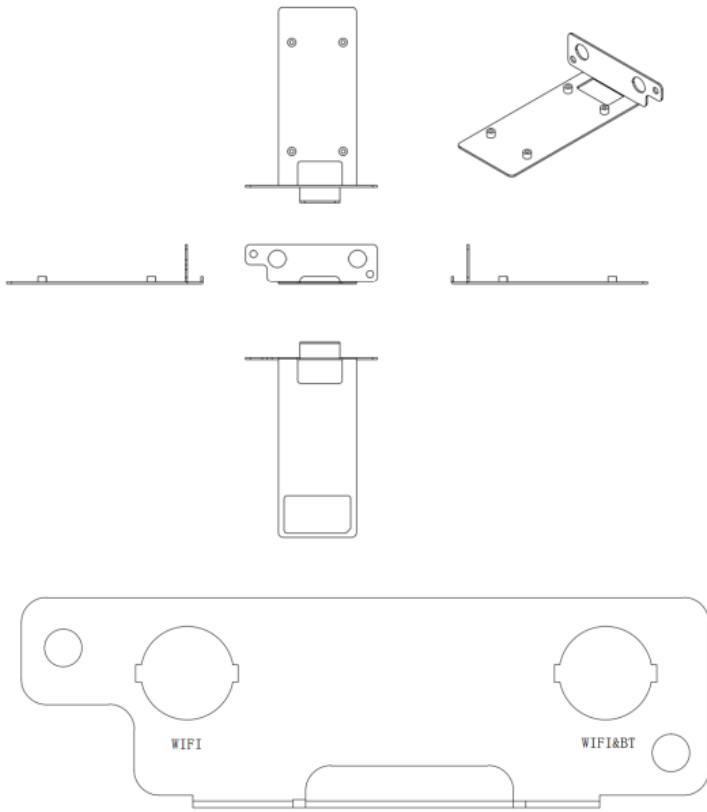| Equipment model	AZ932-HN
CPU Group	USBHUB2.0& WIFI5+ WIFI6(with Blutooth5.2)
Product interface	USB HUB (Uses 1 minute 4 USB2.0)
	WIFI6 module 1: RTL8852BU(Integrated BT5.2 function) WIFI5 module 2: RTL8811CU-CG
Wireless Rate	WIFI6 module 1:574Mbps@2.4GHz/2*2 11AX;1201Mbps@5GHz/2*2 11AX WIFI5 module 2: 150Mbps@2.4GHz/1*1 11N;433Mbps@5GHz/1*1 11AC
Antenna	Bluetooth: 3.56dBi RTL8852BU: WiFi 2.4G Antenna A: 3.77dBi Antenna B: 3.78dBi 5150MHz – 5250MHz: ANT A:3.62dBi; ANT B: 3.68dBi 5725MHz – 5850MHz: ANT A:3.79dBi; ANT B: 3.79dBi RTL8811CU: WiFi 2.4GHz:3.73dBi 5150MHz – 5250MHz: 3.73dBi; 5725MHz – 5850MHz: 3.73dBi Dipole Antenna
Protection level	surge signal Common mode + / – 2 kv, class B
ESD protection level	Contact discharge ±6KV, air discharge ±8KV, class B
Environmental conditions	Operating temperature: 0℃ to 45℃; Storage temperature: -40℃ to 70℃ Working humidity: 10% to 90%RH does not condense; Storage humidity: 5% to 90%RH Does not condense

Product design

Interface and specification:

Part name	Specification description	Remark
Wireless Model 1	2.4G&5GHz 802.11a/b/g/n/ac/ax + BT5.2	The main function is wireless reception and Internet access; wi-fi 6 standard
Wireless Model 2	2.4G&5GHz 802.11a/b/g/n/ac	For product hotspots, wi-fi5 standard
European connector	30pin connector	The interface supports 12V\1A power supply and usb interfaces

European connector:

Chassis structure

Product diagram

Chengdu FeiYuXing Technology Co. LTD

Documents / Resources