Shenzhen Hitevision Technology AZ820-HN WLAN Module User Manual

Contents

Shenzhen

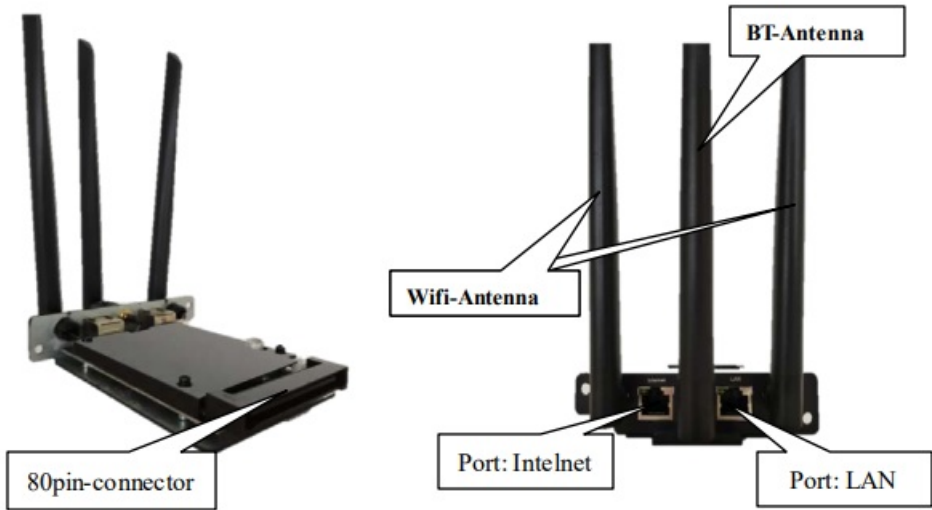**Shenzhen Hitevision Technology AZ820-HN WLAN Module**

Product Description

The product described in this document is the basic information of network module hardware, and the unified model name of network module is AZ820-HN. This module mainly establishes the network foundation for the large screen customer environment of commercial display. The products respectively support wired and wireless wan to realize data access to the external network, and provide high-speed and stable wireless hot spots to meet the terminal wireless internet access and business needs.

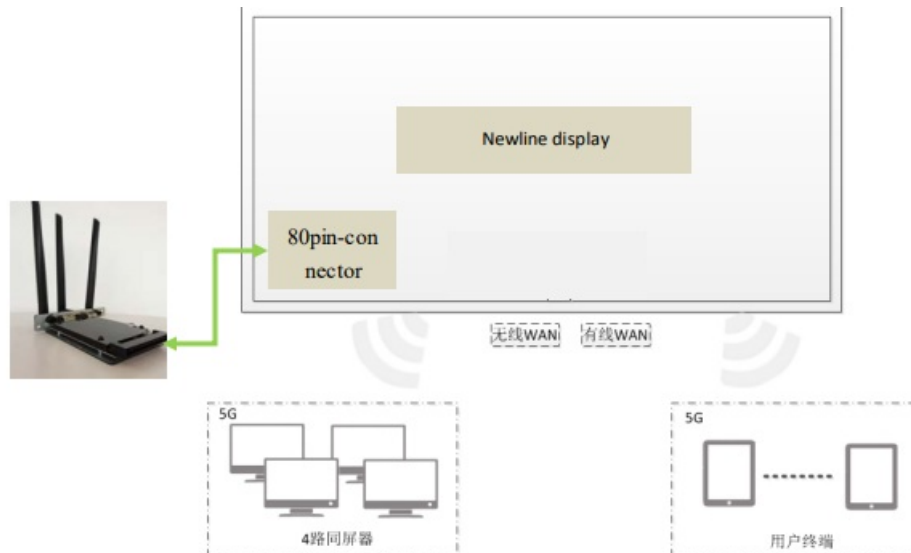Basic information of network module products

Hardware interface and function

Interface distribution

Port Name	Function Explain
80pin-connector	It is mainly connected with Android main board through 80pin-connector to realize module power supply (voltage 12V). At the same time, it integrates three LAN ports to realize LAN data transmission
Port: Intelnet	One support 10 \ 100 \ 1000m Ethernet port, realize WAN port data access function
Port: LAN	One support 10 \ 100 \ 1000m Ethernet port, realize LAN port data access function
Wifi-Antenna	Support 2.4 G & 5 G radio frequency signal output, the biggest gain WiFi 2.4GHz:4.67dBi WiFi 5GHz: 5.67 dbi; As a wireless hotspot, the product provides wireless access / transmission services for terminal equipment;2 * 2 MIMO antenna with the highest link rate of 867mbps
BT-Antenna	Support bluetooth RF signal output, maximum gain of 5.13dBi;

Product block diagram description

1. The product is a plug – in network module, dedicated for honghe commercial display large screen. The power supply and outage of the module are provided by the internal power bus of the display screen.
2. The product is a plug – in network module, dedicated for honghe commercial display large screen. The rf antenna of the product module is divided into two external antennas, WIFI and Bluetooth, two WIFI and one Bluetooth antenna. The antenna is an integral and non-detachable structure.

Built in diagram of network module

FCC Notice

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

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.

Documents / Resources

Shenzhen Hitevision Technology AZ820-HN WLAN Module [pdf] User Manual
AZ820, 2ACYT-AZ820, 2ACYTAZ820, AZ820-HN WLAN Module, WLAN Module

Manuals+,