

User Manual

For

Android player Main board

with

wireless module

This user manual pertains to Android player Main board with Wireless module. The Main board can be assembled in the Android based Advertising Media Player and Android based Advertising Set-Top-Box listed as below;

Model	Model Description
DT101-AS4-800	10.1" Android non-touch LCD Media Player
DT101-AC4-800	10.1" Android touch LCD Media Player
DT133-AS4-720	13.3" Android non-touch LCD Media Player
DT133-AC4-720	13.3" Android touch LCD Media Player
DT156-AS4-720	15.6" Android non-touch LCD Media Player
DT156-AC4-720	15.6" Android touch LCD Media Player
DT173-AS4-1080	17.3" Android non-touch LCD Media Player
DT173-AC4-1080	17.3" Android touch LCD Media Player
DT185-AS4-720	18.5" Android non-touch LCD Media Player
DT185-AC4-720	18.5" Android touch LCD Media Player
DT215-AS4-1080	21.5" Android non-touch LCD Media Player
DT215-AC4-1080	21.5" Android touch LCD Media Player
InVision A4-1080	Invision Android Advertising Set-Top-Box

1. Specifications:

PCBA dimension: 87.5 X 143mm

Assemble method: the module will be screwed on the housing and used as a Main board for Android based Advertising Media Player and Android based Advertising Set-Top-Box

Input port:

- 1pc 5.5mm female barrel jack - for +12V power input
- 1pc DTCN-A-15F – 15-pin female connector for additional control PCBA connection
- 1pc SD Card Slot - for SD
- 1pcs I2C interface for resistive/ capacitive touch screen

Output port:

- 1group of connector for LCD Screen of the Media Player, 1200 x 800 resolution or greater
- 2pcs Antenna connector for 2.4G + 5G WiFi network separately
- 1pc 3.5mm headphone jack - for 85mW audio
- 2pcs DTCN-A-2F - 2-pin female connector for SP1-SP2

Other ports:

1pc DTCN-A-4F - 4-pin female connector for UART connection
1pc RJ45 jack - for hardwired network compatibility
1pc mini USB receptacle
2pcs USB-A standard USB receptacle

Antennas:

External omni direction antenna (reversed polarity , non standard antenna port) with 2.5dBi gain. Provided by Lian Chuang Xin (Shenzhen) Ltd, Co. P/N:ANT-1569SMA20-00-A

Operation temperature:-20℃to +50℃

Voltage(AC /60Hz):102-138V/ AC

Frequency Stability: +/-3.2 ppm

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, including interference that may cause undesired operation.

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

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.
- 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.

The modular can be installed or integrated in mobile or fix devices only. This modular cannot be installed in any portable device, for example, USB dongle like transmitters is forbidden. This modular complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This modular must be installed and operated with a minimum distance of 20 cm between the radiator and user body.

The device is indoor use only.

If the FCC identification number is not visible when the module is installed inside another 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 FCC ID: [2AB6Z-1859ATMB](#) Or Contains FCC ID: [2AB6Z-1859ATMB](#)”

when the module is installed inside another device, the user manual of this device must contain below warning statements;

1. 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.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. [The device is indoor use only](#)

The devices must be installed and used in strict accordance with the manufacturer's instructions as described in the user documentation that comes with the product

Any company of the host device which install this modular with limit modular approval should perform the test of radiated emission and spurious emission according to FCC part 15C and 15E: 15.247 and 15.407 and 15.209 requirement, Only if the test result comply with FCC part 15C and 15E: 15.247 and 15.407 and 15.209 requirement, then the host can be sold legally.