

LOFT

# LOFT OPS PC Module User Manual



## Safety Instructions

- 1) Please carefully read the User Manual before using the product.
- 2) Before moving the product, please unplug the AC power cord from power socket.
- 3) Before connecting or disconnecting any signal cables, make sure that all the power cords are unplugged in advance.
- 4) To avoid damages caused by frequent start up and shutdown, please wait for at least 30seconds before restarting the product.
- 5) All the operations such as removal or installation shall be implemented on the electrostatic discharge (ESD) worktable, because some precision components are sensitive to electrostatic discharge.
- 6) If there is no ESD worktable, please take the following measures to minimize possible damages from electrostatic discharge.
  - Wear an anti-static wrist strap during operation.
  - Always touch the metal chassis of frame of the corresponding products before removal or installation of any components.
- 7) The normal working temperature for the product is 0 ~ 40°C, and the normal working humidity is 10%~90%RH.
- 8) Assure good cooling and ventilation.
- 9) Dispose of or recycle the obsolete batteries properly. Keep children away from the batteries and do not throw the batteries into fire to avoid injuries.
- 10) There are heating hole on back cover, do not spray water to it or use damp cloth for cleaning.
- 11) Please call professional personnel for maintenance service.
- 12) Risk of fire or explosion or defeat the safeguard of equipment if the battery is replaced by an incorrect type. Replace only with the same or equivalent type.
- 13) Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.

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- 14) High or low extreme temperatures or low air pressure at high altitude that the battery can be subjected to during use, storage or transportation.
- 15) Leaving the battery in an extremely high temperature and/or low air pressure surrounding environment that can result in an explosion or the leakage of flammable liquid or gas.

## Installation Procedure

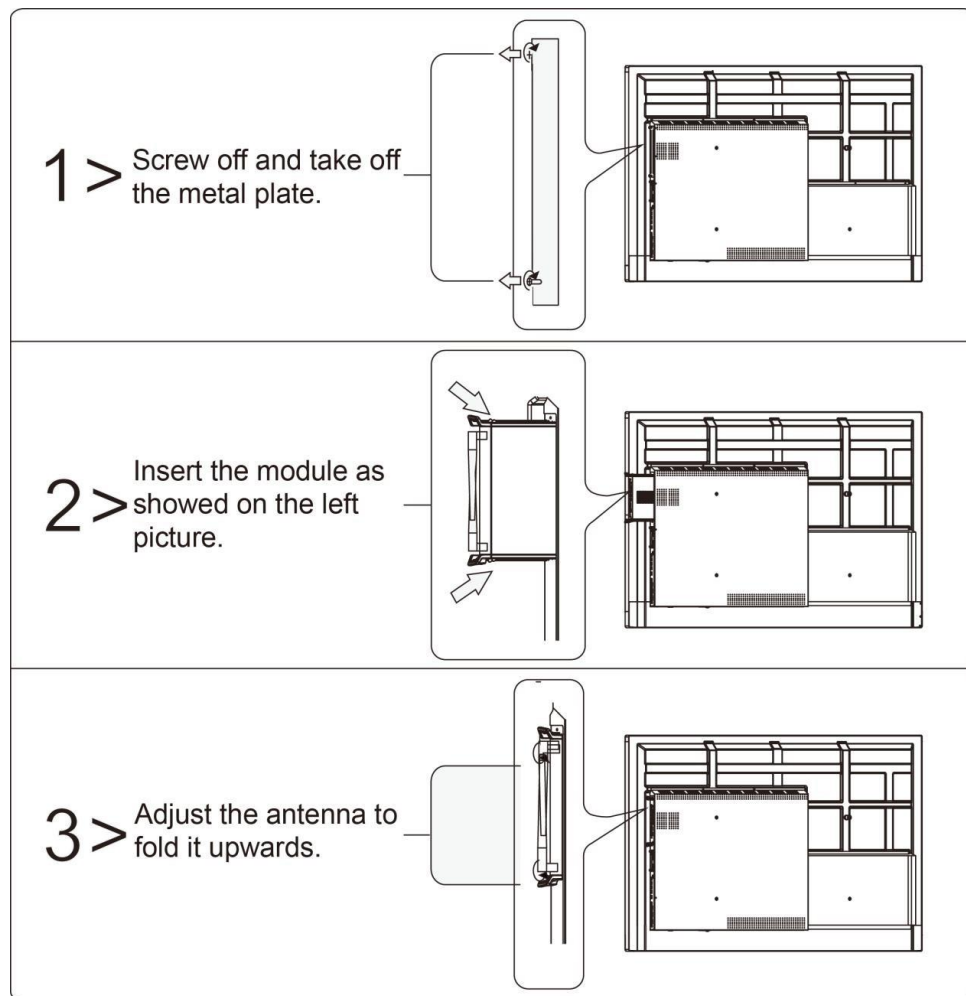
Because the product has two different configurations: with antenna or without antenna, please refer to the actual product.

There are different installation methods with and without an antenna. See the diagram below for details:

### Schematic Diagram of Installation With Antenna

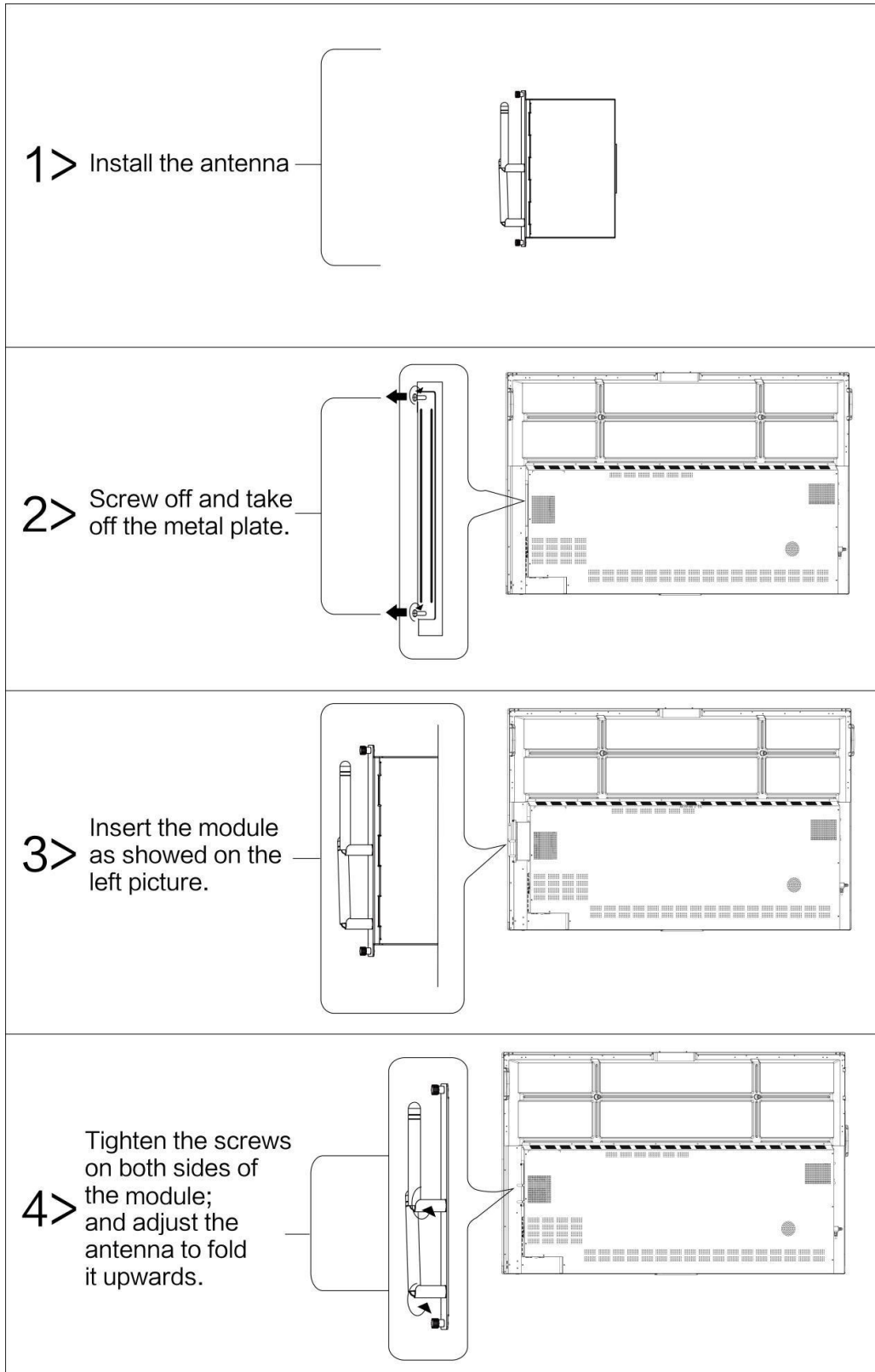
When installing the module with antenna, please fold the antenna as shown below to avoid damage to the antenna during installation.

- Installing the module without screws



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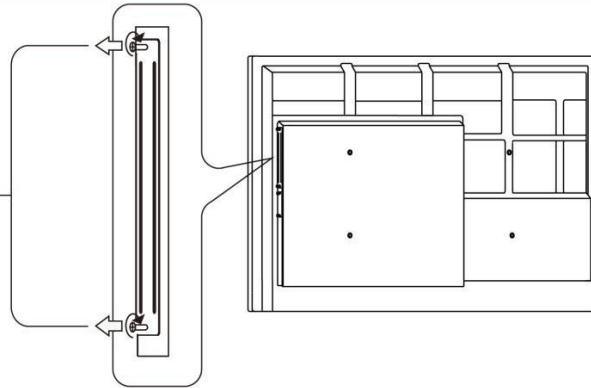
- Installing the module with screws



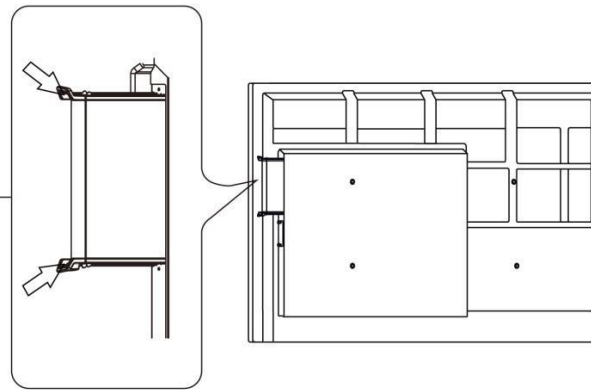
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## Installation Diagram Without Antenna

1 > Screw off and take off the metal plate.

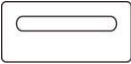
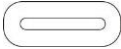












2 > Insert the module as showed on the left picture.



## Terminal Interface

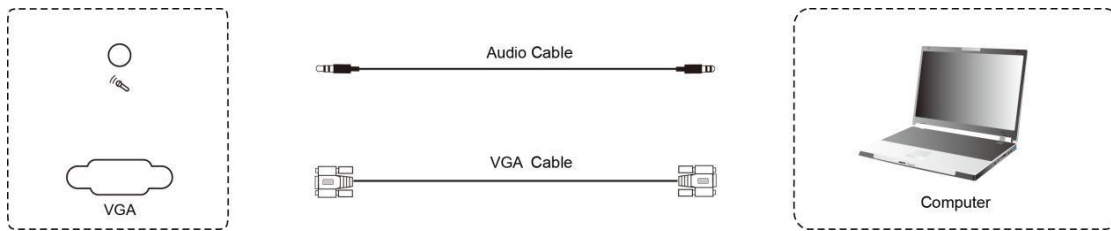
Due to the differences in the product of different models, the actual terminal type and quantity are subject to the actual product.


Number	Items	Function description
1		USB interface to connect USB devices,such as mobile hard disk,U disk,USB keyboard and mouse,USB drives,etc. (USB 2.0 Rating: 5V DC 500mA;USB 3.0 Rating: 5V DC 900mA)
2		Connect device with Type-C port (support USB only) (Type-C Rating: 5V DC 2.0A)
3		Connected to devices with Display Port output function
4	 HDMI	Connect to device with HDMI input function
5		Connect to device with microphone voice collection(used for recording function)
6		Connect to device with headphone input function
7	 VGA	Connected to display device with VGA input function
8	 LAN	Network interface
9		Wi-Fi antenna interface
10		Kensington Lock
11		Computer hard drive work indicator light
12		Computer power work indicator

## Connection and Setting

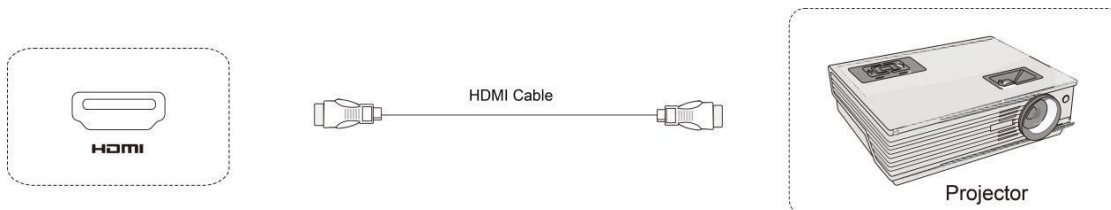
⚠ For the safety of you and the machine, please do not connect any power plug before connection.


### External Computer and Touch Connection



- 1) Use VGA cable to connect to VGA output port of external computer, and meanwhile use headphone audio cable to connect to external computer audio output interface.
- 2) After cable connection, plug in power cord, and switch power on.
- 3) Press  key, and the equipment is power on.
- 4) Press the INPUT key to switch to VGA channel.

### HDMI Out

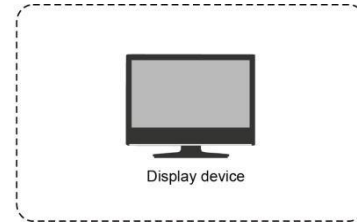
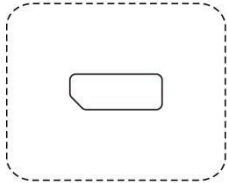



- 1) Use HDMI cable to connect audio and video equipment with HDMI input.
- 2) After cable connection, plug in power cord, and switch power on
- 3) Press  to turn equipment on.



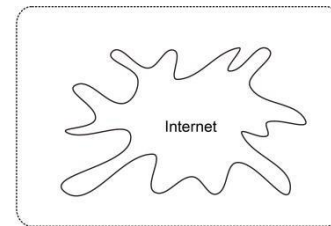
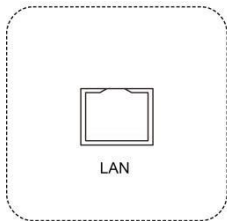
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## DP Out

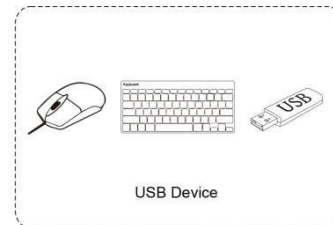
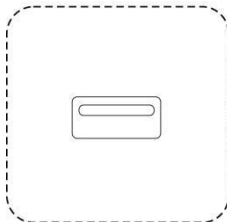


- 1) Connect display device with DisplayPort cable.
- 2) After cable connection, plug in power cord, and switch power on.
- 3) Press  key, and the equipment is power on.
- 4) Press the INPUT key to switch to DP channel.

## LAN Connection



## USB



## Driver Installation

Put the drive disk into the CD-ROM, the driver disk will automatically run the installation boot program, please select the driver you want to install, and then click start. If the driver disk does not automatically run the installation boot program, check X:\SETUP.EXE (assuming the drive disk is X).

### Inter 3165 module:

Frequency Range	Output Power (Max.)
2402 to 2480 MHz(BT)	2.0 dBm
2402 to 2480 MHz(LE)	3.73 dBm
2412 to 2472 MHz	17.41 dBm
5150 to 5250 MHz	18.92 dBm
5250 to 5350 MHz	18.94 dBm
5470 to 5725 MHz	18.94 dBm
5725 to 5850 MHz	13.88 dBm

### Inter 9260 module:

Frequency Range	Output Power (Max.)
2402 to 2480 MHz(BT)	6.94 dBm
2402 to 2480 MHz(LE)	6.86 dBm
2412 to 2472 MHz	18.30 dBm
5150 to 5250 MHz	18.93 dBm
5250 to 5350 MHz	18.96 dBm
5470 to 5725 MHz	18.98 dBm
5725 to 5850 MHz	13.79 dBm

Antenna Type: Dipole

Antenna Gain: BT/ 2.4G Wi-Fi 3dBi;5G Wi-Fi 5dBi Antenna Impedance: 50Ω

In all EU member states, operation of 5150-5350MHz is restricted to indoor use only. This device should be installed and operated with a minimum distance of 20cm between the radiator and your body.



This symbol, affixed to the product or its packaging, indicates that the product must not be processed with household waste. It must be brought to an electric and electronic waste collection point for recycling and disposal. By the appropriate disposal of this product you also help in preventing potentially negative consequences for the environment and human health. The recycling of materials helps preserve our natural resources. For further information regarding the recycling of this product, please contact your municipality, local waste disposal centre or the store where the product was purchased.

### Federal Communication Commission Interference 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.

## FCC Caution:

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.

## Non-modification Statement:

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

## IC Radiation Exposure Statement for Canada

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:



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