

V31 Two Wires Digital Indoor Station

User Manual



Warnings:

- 1) The intercom system including an outdoor station, an indoor station and a power supply. Please read this manual before installation, and then install it according to this instruction.
- 2) To avoid the danger of electric shock, please make sure that the power system is off before installation or maintenance.
- 3) If you are not a professional, please do not disassemble the shell to avoid electric shock.
- 4) Only the TF card is configured, will the video recording function be available. You can purchase TF cards and install it on the indoor station according to your own needs.

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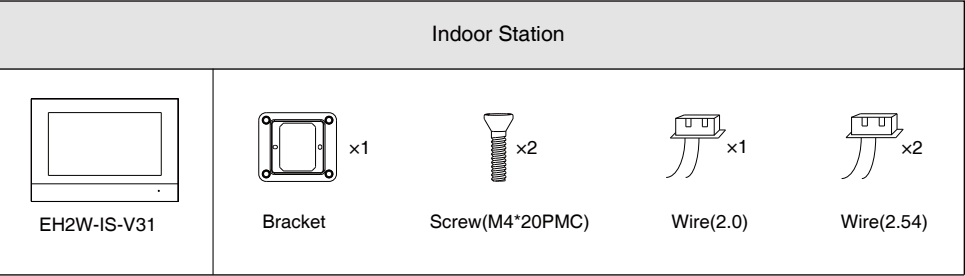
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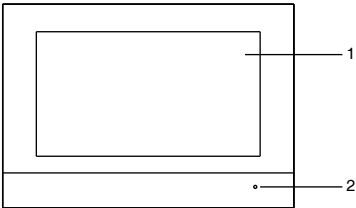
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1. Contents of the Package

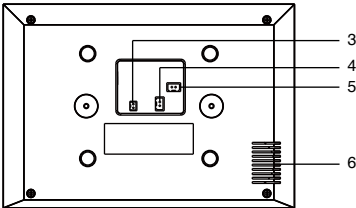


2. Product Description

2.1 Indoor Station



- 1. Touch Screen
- 2. Microphone
- 3. Doorbell Port



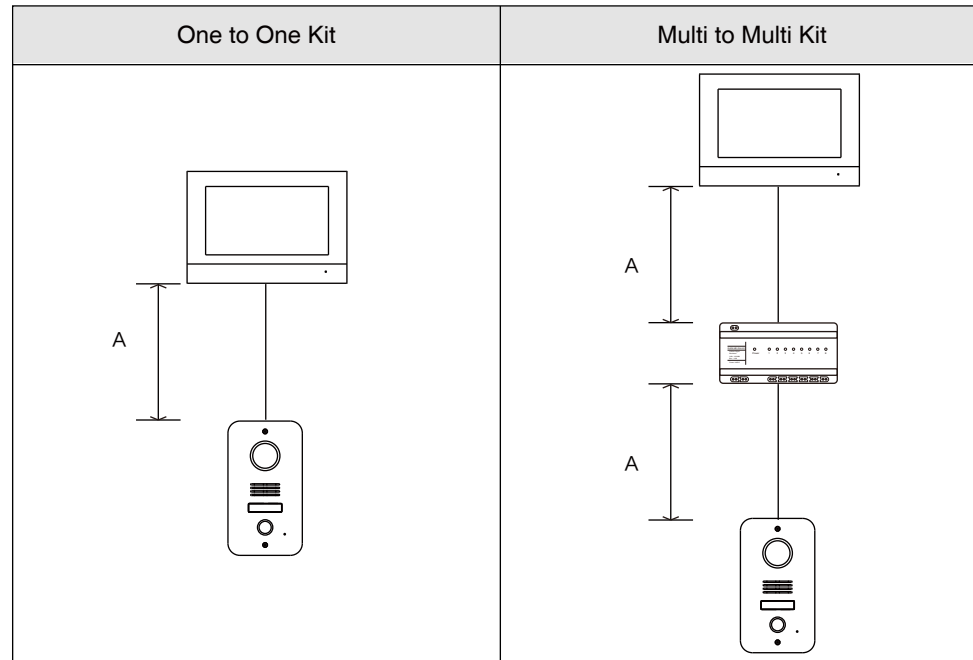
- 4. Power Supply Port
- 5. 2-wire Communication Port
- 6. Loudspeaker

2.2 Main Technical Parameters

Indoor Station	
LCD screen	1024×600
Working voltage	24V DC
Max power consumption	3.5W
Standby power consumption	1.5W
Ingress protection	IP30
Working temperature	-20℃ ~ +55℃
External dimensions	200mm × 140mm ×18mm (W×H×D)

3. System Installation

3.1 Wires and Distance

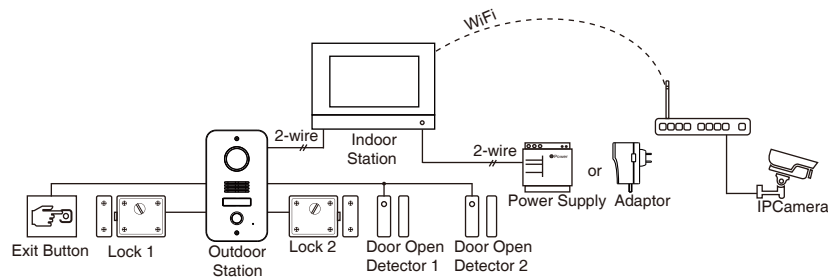


The maximum distance of A is 80 meters. The supported wires include AWG21, AWG22, AWG23 and AWG24. Single strand and twisted pair.

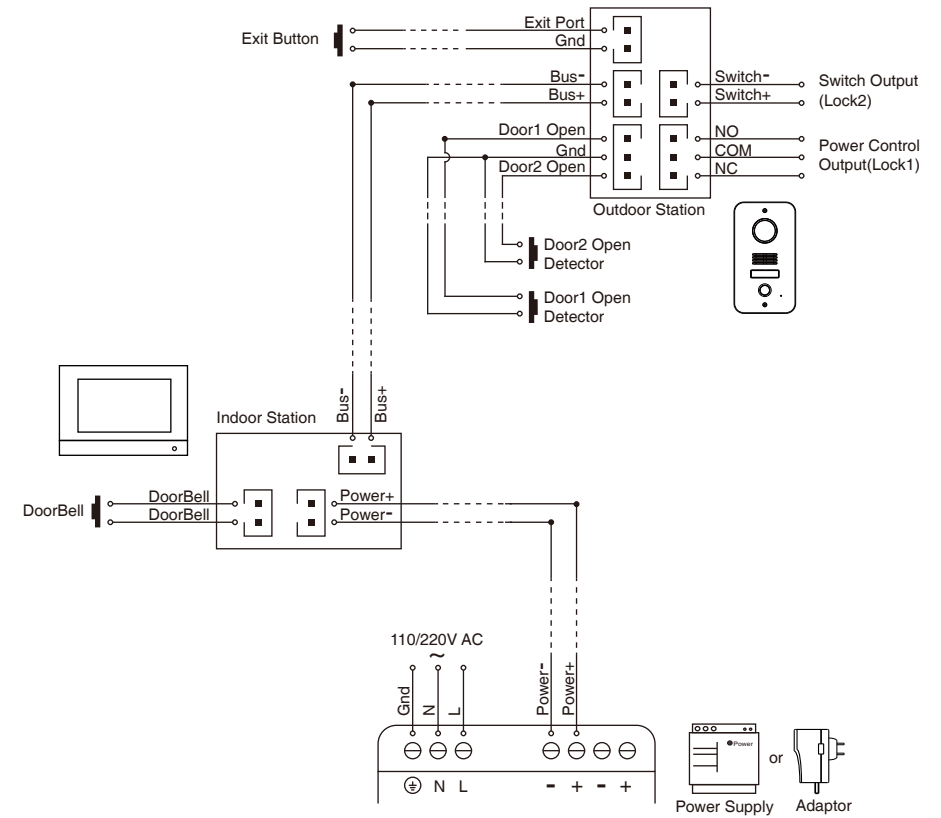
3.2 Connection Diagram

3.2.1 One to One Kit

A. System Expansion Diagram

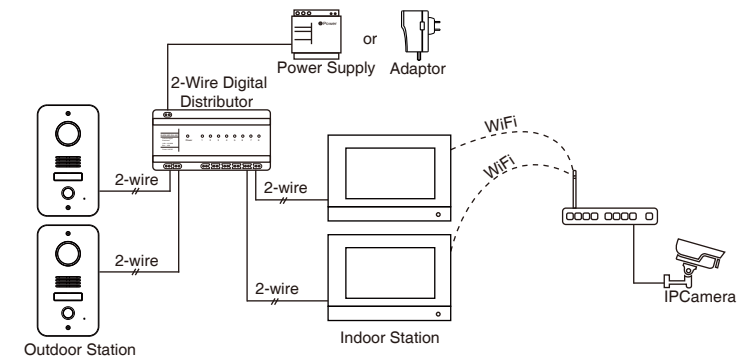


B. Standard Installation

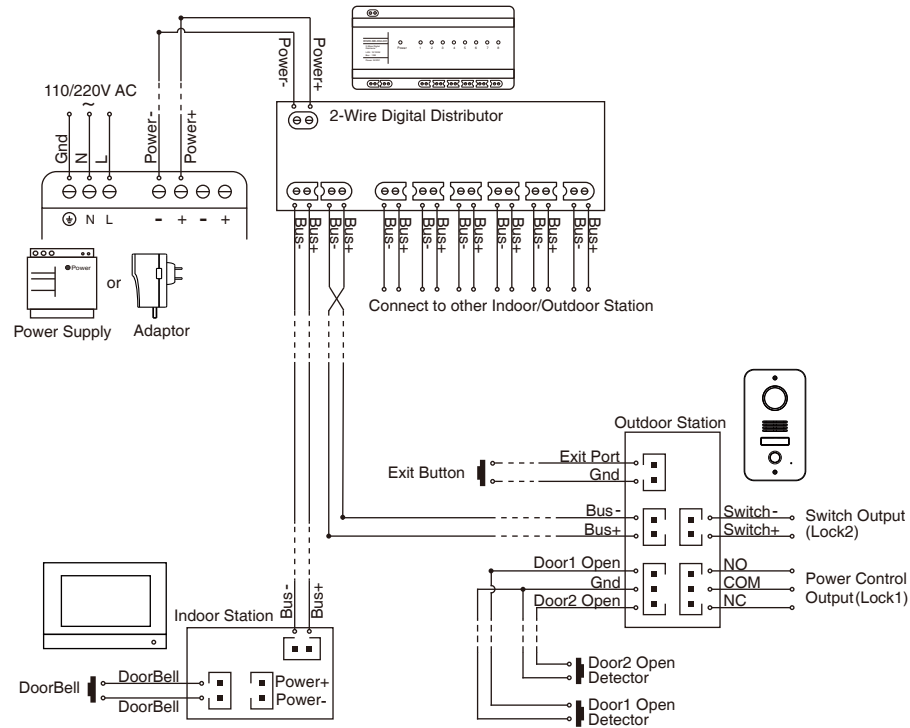


3.2.2 Multi to Multi Kit

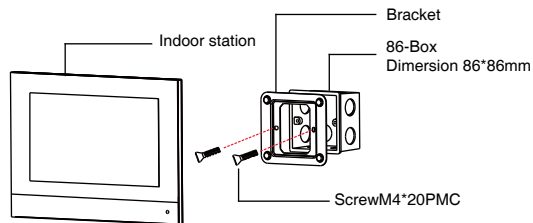
A. System Expansion Diagram



B. Standard Installation



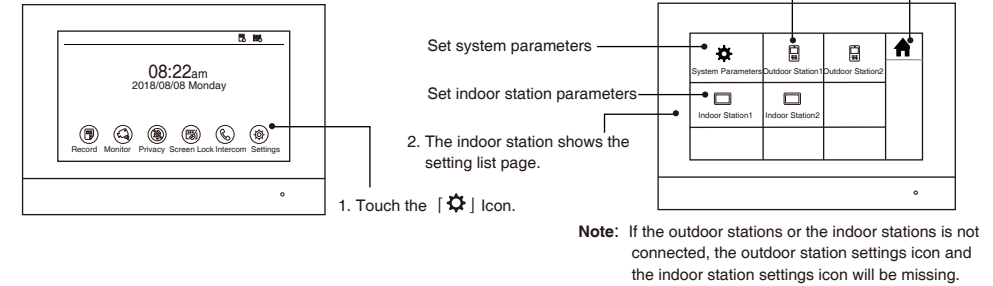
3.3 Installation



1. Fix the bracket to the 86 box or wall with the M4 * 20 screw.
2. Connect the wire to the equipment.
3. Put the indoor station on the bracket.

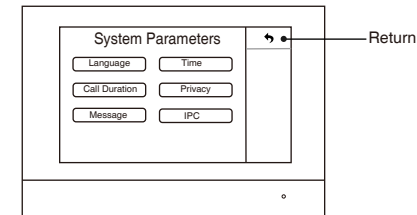
4. Parameter Settings

4.1 Enter Setting Function

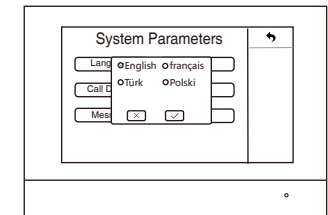


4.2 System Parameter Settings

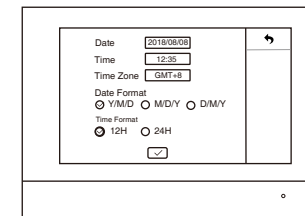
4.2.1 Parameter Setting List



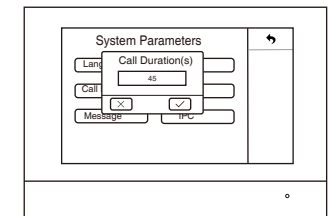
4.2.2 Language Setting



4.2.3 Time Setting

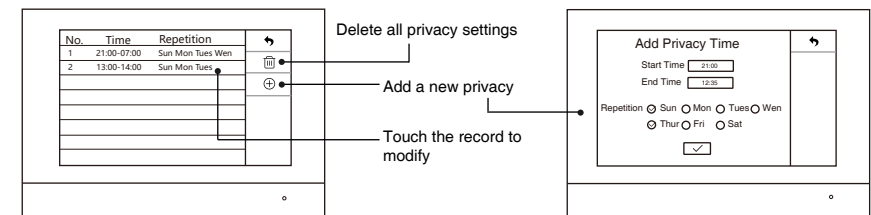


4.2.4 Call Duration Setting

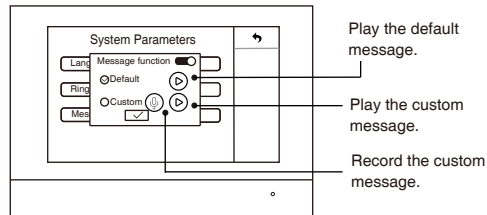


Note: Call duration is 30s~120s, please set in the range.

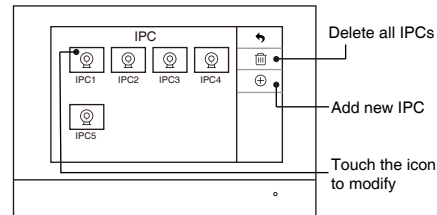
4.2.5 Privacy Setting



4.2.6 Message

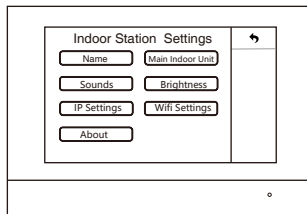


4.2.7 IPC Setting

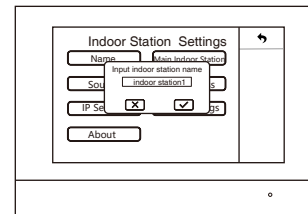


4.3 Indoor Station Parameter Settings

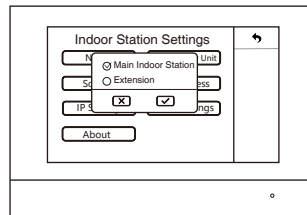
4.3.1 Parameter Setting List



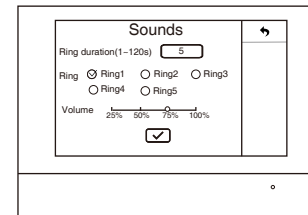
4.3.2 Indoor Station Name



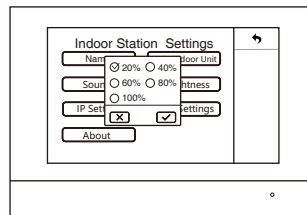
4.3.3 Main Indoor Station Setting



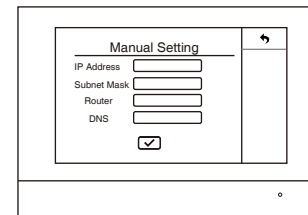
4.3.4 Sounds Setting



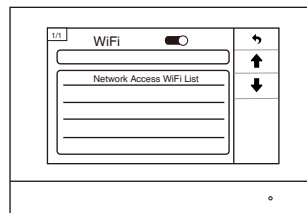
4.3.5 Brightness Setting



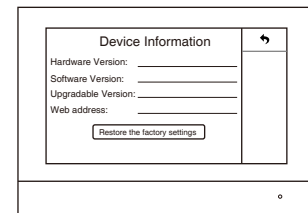
4.3.6 IP Setting



4.3.7 WiFi Setting



4.3.8 About



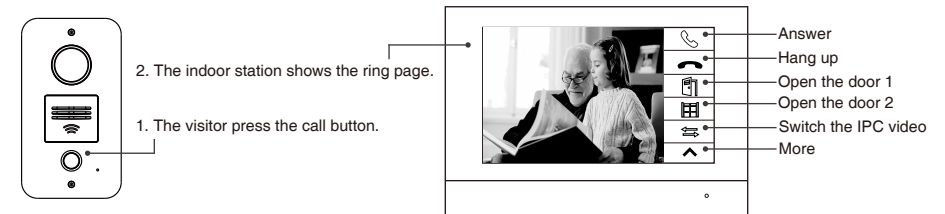
5. Description of the System Functions

5.1 System Functions

Function	Description
Monitor	Support indoor station and mobile phone monitoring the outdoor station video and IPC video.
Access control	Open the door through intercom or swiping a card.
Alarm	Door timeout alarm and device removal alarm.
Record and management	Support video recording with TF card and capturing without TF card.
Unlock by card	Support swiping card to open the door.
Exit button terminals	Support Exit Button to open the door.

5.2 Call, Intercom and Leave Message

5.2.1 Outdoor Station to Indoor Station



Note:

If the indoor station with a TF card, video will be recorded automatically when the bell rings. Otherwise, take a photo snap.

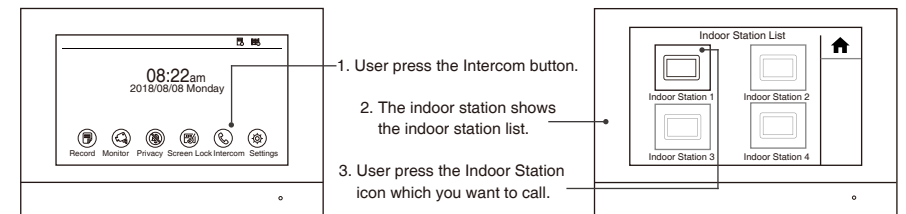
In intercom, you can press 「」 or 「」 to open the corresponding door.

In intercom, you can press 「」 to switch the monitor video, then you can view other monitoring video.

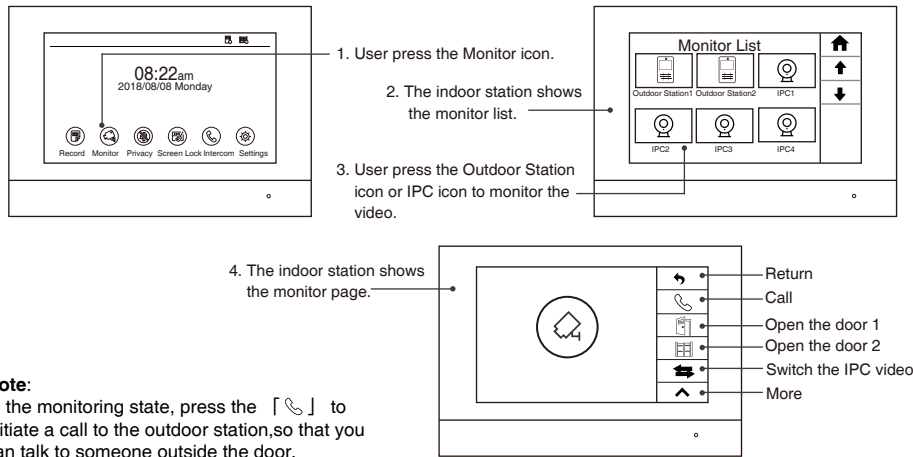
In intercom, press the 「」 to expand other function buttons.

For leave message, please check the description of 4.2.6 first. The visitor can press the call button to leave a message after hearing message notice and press the call button to end talking after leaving a message.

5.2.2 Indoor Station to Indoor Station

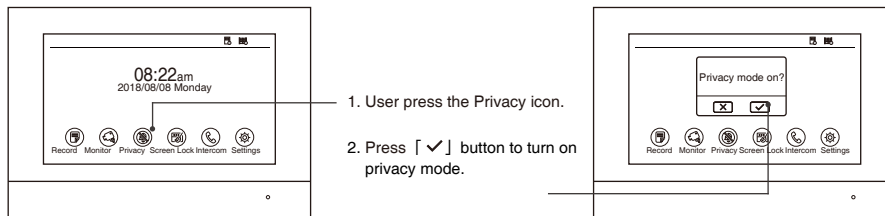


5.3 Monitor

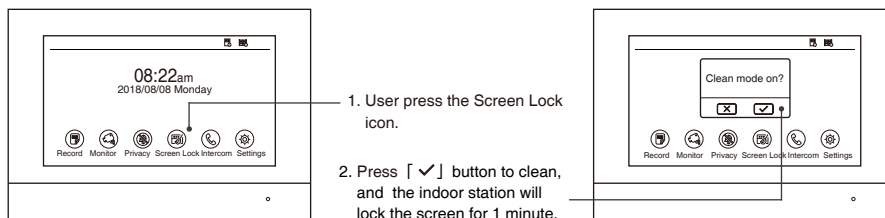


Note:
In the monitoring state, press the 「☎」 to initiate a call to the outdoor station, so that you can talk to someone outside the door.

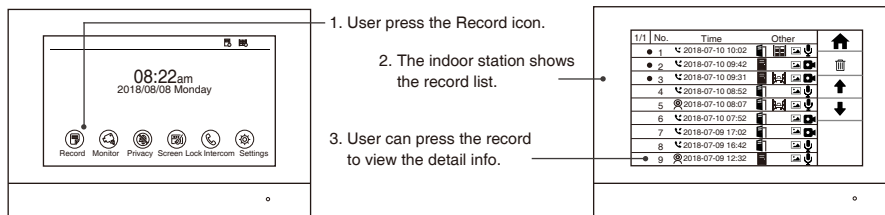
5.4 Privacy



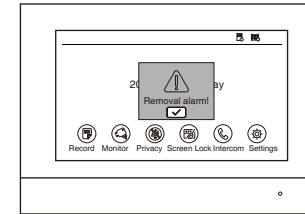
5.5 Screen Lock



5.6 Record Views



5.7 Anti-Dismantle Alarm



Once the outdoor station was removed, the indoor station will receive a voice prompt and record the event.

FCC

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.

The statements should be displayed in the user manual:

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

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 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.

Restricted Substances

Part Name	Toxic and hazardous substances or elements					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr6 +)	Polybrominated biphenyl (PBB)	Polybrominated diphenyl ether (PBDE)
Metal Part	O	O	O	O	O	O
Plastic Part	O	O	O	O	O	O
CRT display screen	X	O	O	O	O	O
LCD screen	O	O	O	O	O	O
Circuit board component*	X	O	O	O	O	O
Power/cord/cable	X	O	O	O	O	O
Power/adapter	X	O	O	O	O	O
Packaging	O	O	O	O	O	O
<p>*: Circuit board components include a printed circuit board and its components, such as resistors, capacitors, integrated circuits, etc.;</p> <p>O: It indicates that the contents of the hazardous substance in all homogeneous materials of the part are below the limit requirement specified in IEC62321;</p> <p>X: It indicates that the contents of the hazardous substance in at least one of the homogeneous materials of the part exceed the limit requirement specified in IEC62321;</p>						

Technical specifications and contents are subject to change without notice.



RoHS



LEELLEN