

T Series Basic 7 inch Indoor Monitor User Manual_V1.0

T-IS05



Chapter 1 Function in brief

This product is a part of the 2-wire analog video door phone system. The system, being connected via 2 core wires, consists of Power Supply, Outdoor Station, and Indoor Station. The functions and characteristic of this product are as follows:

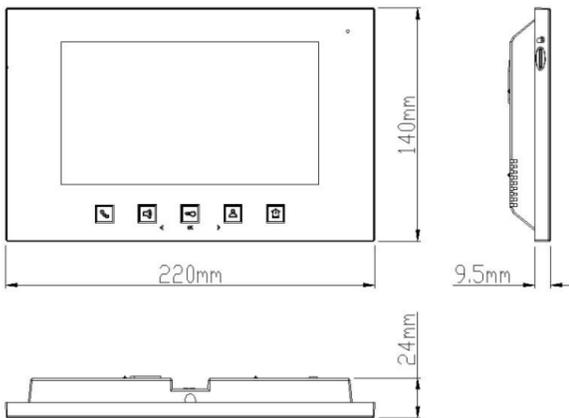
- Support visual intercom, remote unlock
- Support real-time surveillance to outdoor station
- Support multiple indoor monitors in one apartment
- Support intercom function between other indoor monitors in the same or other apartments
- Support second doorbell

1.1 Parameters

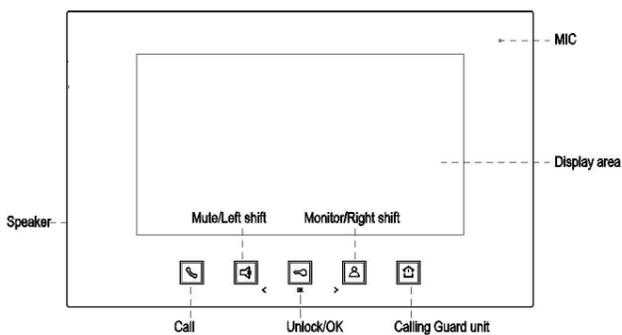
Working Voltage: DC 24~32V	Quiescent Current: ≤ 20 mA (DC 30V)
Working Current: ≤ 220 mA (DC 30V)	LCD Display: 7.0 inch
Resolution: 800×480	Outline Dimension(L×W×D): 220× 140× 17.5mm
Working Temperature: -10℃~+55℃	Storage Temperature: -25℃~70℃

Chapter 2 Product Introduction

2.1 Product Dimension



2.2 Touch Key Instruction



Press the touch keys when the device is under Stand-By mode, functions are as follows:
Call: Enter the Intercom interface; Long press under Stand-by mode to enter ringtone setting.

Mute/Left shift: Short press the button to turn the mute function on/off. Press the mute button for 3S, mute or normal state can be synchronized from current indoor monitor to others which are installed in the same house;

Unlock/OK: No response under Stand-By mode; Long press the key for more than 3s within 60s since power up, the device is reset to factory.

Monitor/Right shift: Enter the monitoring interface of No.1 Outdoor Station;

Calling Guard Unit: To call Guard Unit (Indoor Monitor will become Guard Unit when device address is 200), Indicator Light will flash if Guard Unit doesn't exist.

Indicator Light:

Each button icon corresponds to one indicator light, and they are all showing light brightness in standby mode, but highlighted when the button is clicked;

icon: When the Indoor Monitor is ringing, 500ms of button flashes; highlighted during calling and 200ms of button flashes for 5S under busy status;

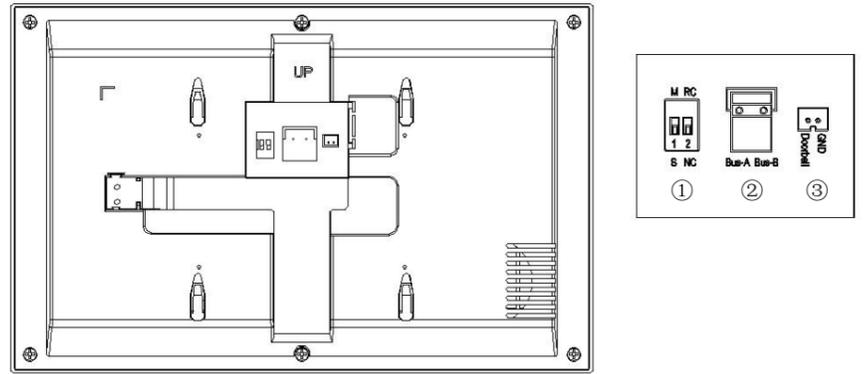
icon: Highlighted in mute state, light brightness in non-mute state;

icon: After unlocking, highlighted for 5S, light brightness under idle mode;

icon: Always light brightness;

icon: Always light brightness.

2.3 Interface Description



Number ①

1: Master/Slave device Setting, turn to M to be Master device and S to be secondary device;

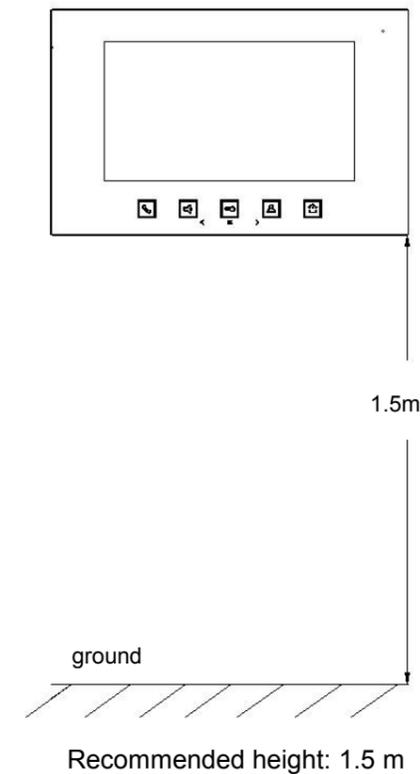
2: Impedance Matching, turn 2 to ON when installing the last Indoor Station;

Impedance Matching should turn on while the device is connecting to Distributor.

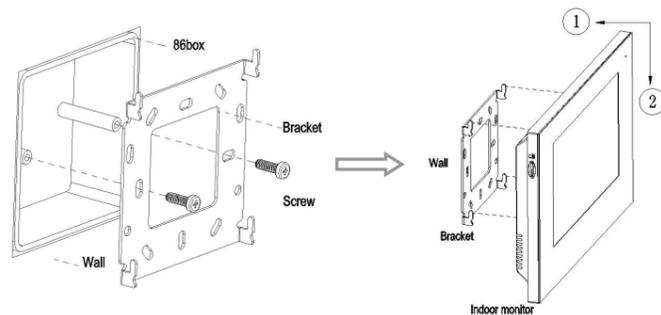
Number ② Bus port.

Number ③ Doorbell port.

Chapter 3 Installation Height



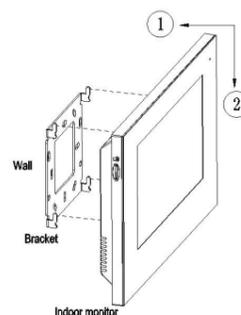
Chapter 4 Installation Illustration



Step 1:

Drive the screws on the bracket with the holes on the 86 box.

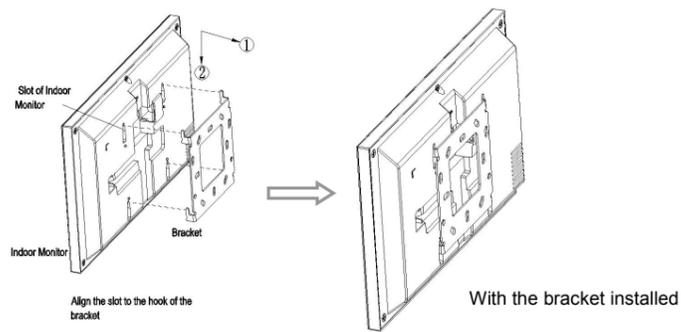
Fasten the screws to fix the bracket



Step 2:

After finishing the wiring of the Indoor Monitor, align the slot behind the Indoor Monitor to the hook of the bracket.

After aligning correctly, move downward a little to make the Indoor Monitor well fastened on bracket.



Chapter 5 Basic Functions

5.1 Stand-By mode

LCD Display turn off when the device is under Stand-By mode, and the Indicator Light always on with light brightness:

1. Under Stand-By mode, long press for 3s to set the device address;
2. Under Stand-By mode, short press to execute customize function: calling the guard unit;
3. Under Stand-By mode, enter house-to-house dialing menu when pressing Call Key but no response when pressing Unlock key;
4. Under Stand-By mode, long press the Call key to enter ringtone setting interface.
5. Under Stand-By mode, short press Mute key to mute the current device, if long press Mute key for 3s, mute state will be synchronized to other Indoor Monitors being installed in the same house. Indicator Light turns red under mute state;
6. Under Stand-By mode, short press "Monitor" key to monitor Outdoor Station; indicator Light flashes when there isn't outdoor station.
7. Within 60s since power up, long press for more than 3s, the device is reset to factory.

5.2 Calling in

Basic workflow: Ring bell \Rightarrow Talk \Rightarrow Unlock \Rightarrow Call ended



Interface of bell rings

Incoming Call:

1. Visitor can call indoor monitor from outdoor station, the bell of indoor monitor rings;
2. Resident can press to answer the call;
3. During the call, resident can press to unlock the gate/door, after unlocking for 5s the call will be ended automatically. Under monitoring/ ringing/calling mode, press to open the secondary door;
4. Resident can press to end up phone call.

5.3 Calling Guard Unit

Basic workflow: Ring bell \Rightarrow Talk \Rightarrow Unlock \Rightarrow Call ended



Interface of Calling Guard Unit

While Indoor monitor is under Stand-By mode, resident can press to call the Guard Unit.

5.4 Surveillance

Basic workflow: choose monitoring facility \Rightarrow Monitoring \Rightarrow Unlock \Rightarrow Monitoring completed

1. Press to monitor Outdoor Station, if the resident have installed multiple Outdoor Stations, press to switch to the outdoor station;
2. During monitoring, resident can press to unlock the gate/door for visitor; press to call the monitoring device, press again to end up phone call.

5.5 Intercom

Under Stand-By mode, short press to enter Intercom interface:



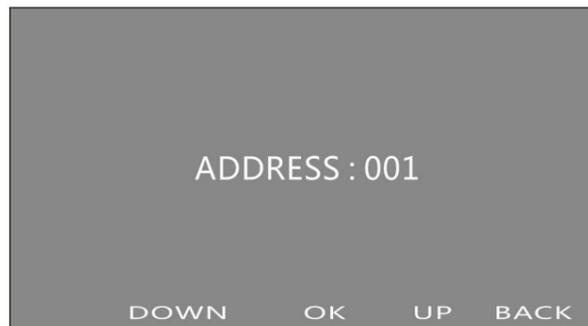
Address setting interface

1. In the Intercom interface, press the (UP) to increase the address number . Long press , the address increases rapidly (minimum 001,maximum 200, which can be cycled), press (DOWN) to decrease the number;
2. In the Intercom interface, short press to make a call and the device begin to play the ringback tone;
3. In the Intercom interface, short press to exit to standby mode.

Chapter 6 System Setting

6.1 Address Setting

Within 60s power-on for Indoor Monitor, long press for 3s, after a long "Beep" \Rightarrow enter Address Setting interface:



Interface of Address Setting

1. Address Setting, Short press (UP), address number adds 1 digit. Long press , address number increases rapidly(circulating from 001 to 200); press (DOWN), address number decrease 1digit;
2. Address Saving, Short press , current address number will be saved and the device will enter Stand-By mode;
3. Short press , quit to Stand-By mode without saving current address number.

6.2 Ringtone Setting

Under Stand-By mode, long press for 3s, after a long "beep", the device will enter Ringtone setting interface.



Interface of Ringtone Setting

1. Short press shift to next ringtone, short press shift to last ringtone. Totally 5 ringtones available (circulating from 001 to 005)
2. Short press , current ringtone will be saved and the device will enter back to Stand-By mode again.
3. Short press back to Stand-By mode without saving current ringtone.

6.3 Video Setting

While the device is in the state of ringing / surveillance / calling, press , the Video Setting menu will show up:



Interface of Video Setting

1. Before short pressing OK, press  or  to choose the setting of BRIGHTNESS, CONTRAST and COLOR(cyclically switch);
2. After choosing, press  to save the parameters, and then press  (DOWN) and  (UP) to adjust the specific parameter (BRIGHTNESS, CONTRAST, COLOR), Range: 0-10;
3. Press  to get back in ringing / surveillance / calling state, and the setting menu will disappear;
4. The OSD menu will disappear automatically and the device will get back in surveillance state if there's no operations in 5s.