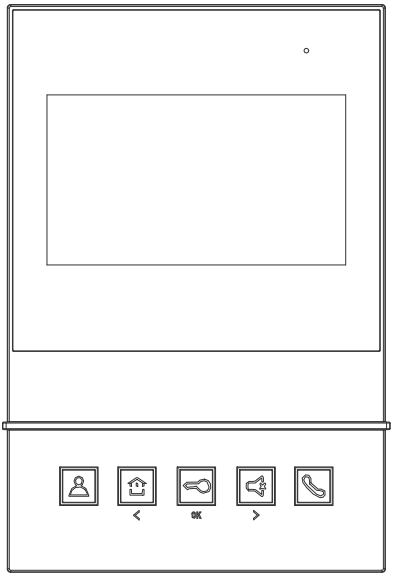
User Manual

Indoor Station



T series 4.3 inch Indoor Station User Manual_V1.0
T-IS04

Attentions

1、Please keep devices away from strong magnetic field , high temperature , wet environment ;

2、Please do not fall the devices to the ground or make them get hard impact ;

3、Please do not use wet cloth or volatile reagent to wipe the devices ;

4、Please do not disassemble the devices.

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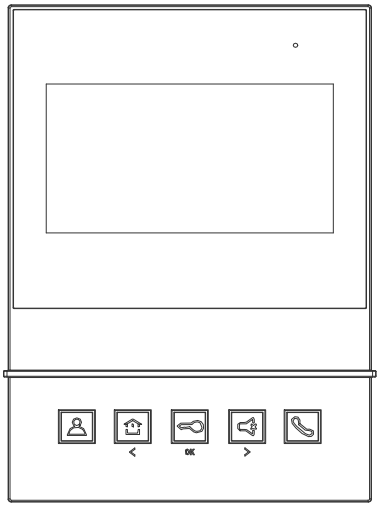
Chapter 1 Function in brief

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

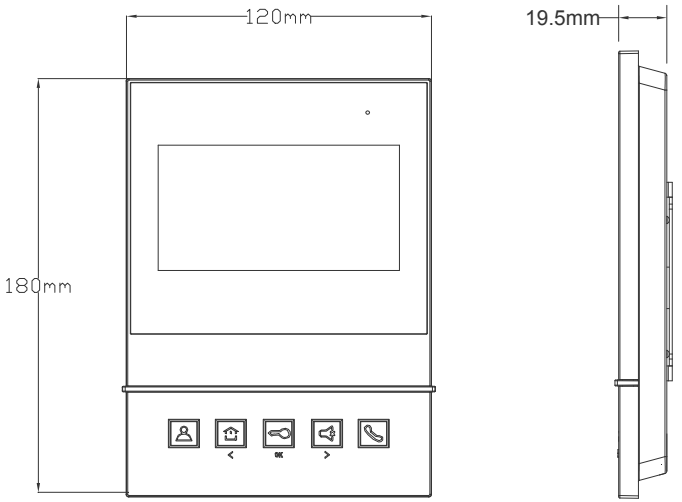
- **Support visual intercom, unlock**
- **Support real time surveillance to outdoor station and camera**
- **Support intercom function between residents in the same community**
- **Support intercom function between other indoor stations that are installed in the same house**
- **Support second doorbell**

Chapter 2 Product Introduction

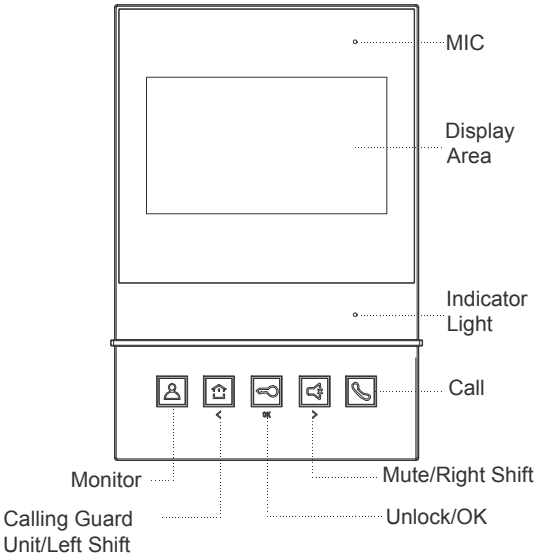
2.1 Product Appearance



2.2 Product Dimension



2.3 Touch Key Instruction



Press the touch keys when the device is under Stand-By mode, each functions are as follows:

Monitor：Enter the monitor of Outdoor Station 1;

Calling Guard Unit / Left Shift: To call Guard Unit(Indoor Station will turn into Guard Unit when device address is 200), Indicator Light flashing if Guard Unit doesn't exist;

Unlock/OK: No response under Stand-By mode; Reset to factory by long press Unlock/OK key for more than 3 seconds within 60s since power up.

Mute/Right shift: Short press to turn on/off mute (Indicator light show red when mute). Mute function can synchronize with other Indoor Monitors within the same house. Long press Mute to synchronize;

Call: Press to enter the intercom interface. Long press under Stand-By mode to enter ringtone interface.

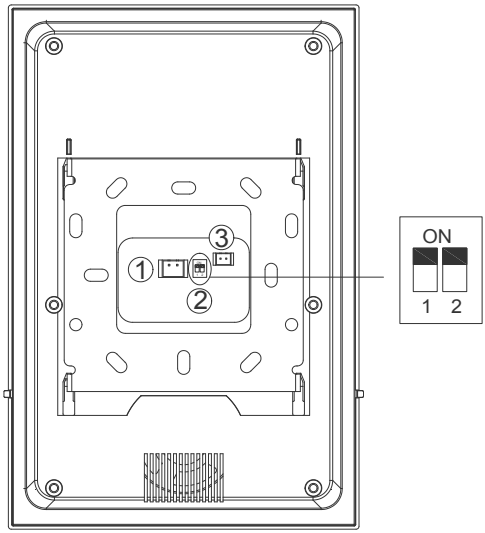
Indicator Light:

Green light always on: Power on

Green light flash：Incoming call

Red light: Mute

2.4 Interface Description



Number ①: Bus port.

Number ②:

1: Master/Slave device Setting, turn on to be Master device

2: Impedance Matching, turn on when installing the last Indoor Station. While using Distributor, all Indoor Stations' impedance matching should turn off.

Number ③: Doorbell port.

2.5 Parameters

Working Voltage : DC 24 ~ 32V

Quiescent Current : ≤ 10 mA (DC 30V)

Working Current : ≤ 170 mA (DC 30V)

LCD Display : 4.3 inch

Resolution : 480×272

Outline Dimension(L×W×D)：180×120×19.5 mm

Working Temperature : -10℃ ~ +55℃

Storage Temperature : -25℃ ~ +70℃

Chapter 3 Basic Functions

3.1 Stand-By mode

LCD Display turn off when the device is under Stand-By mode, and the Indicator Light always on.

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(able to call other Indoor Stations that are installed in the same house, call Guard Unit, Unlock 2 etc) .

3. Under Stand-By mode, short press Call key to enter the intercom interface.

4. Under Stand-By mode, long press Call Key to enter the Ringtone interface.

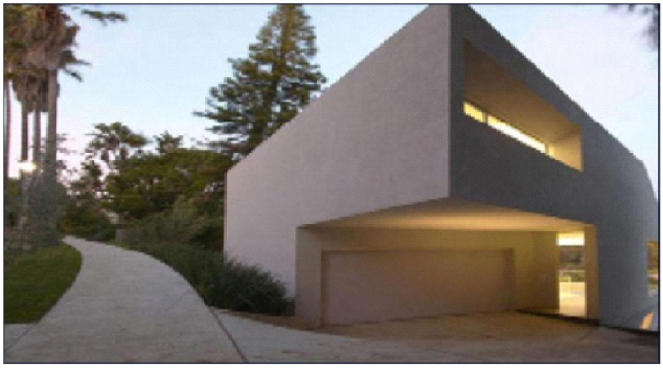
5. Under Stand-By mode, short press Mute key to mute the current device, if long press Mute key for 3s, mute state will be synchronize to other Indoor Stations that are installed in the same house.(Indicator Light turn red while device is under mute state)

6. Under Stand-By mode,short press monitor key to monitor Outdoor Station,

7. Within 60s since power up, long press the Unlock/OK key for more than 3s to reset to factory.

3.2 Call in

Basic workflow: Ring bell⟹Call⟹Unlock⟹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 talking, resident can press to unlock the gate/door, after unlocking for 5s the call will be ended automatically.

4. Resident can press again to end up phone call.

3.3 Calling Guard Unit

Basic workflow: Ring bell⟹Call⟹Unlock⟹Call ended

Interface of Calling Guard Unit

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

3.4 Surveillance

Basic workflow： choose monitoring facility ⟹ Monitoring ⟹ Unlock ⟹Monitoring completed

1. Press to monitor Outdoor Station, if the resident have installed multiple Outdoor Station, press again will switch to the next camera.

2. During monitoring, resident can press to unlock the gate/door for visitor.

3. During monitoring, press to call the monitoring device, press again to end up phone call.

3.5 Intercom

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

Address setting interface

1.In the intercom interface. Short press to increase the address number. Long press , the address increase rapidly (cycle from 001 - 200). Short press to decrease the address number. Long press the address decrease rapidly.

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 4 System Setting

4.1 Address Setting

While under Stand-By mode, long press for 3s to enter Address Setting interface.

Interface of Address Setting

1. Short press address number add 1 digit. Long press address number increase rapidly(circulating from 200 to 001)

2. Short press , current address number will be saved and the device will enter Stand-By mode again.

3. Short press address number minus 1 digit. Long press address number decrease rapidly(circulating from 200 to 001)

4. Short press quit to Stand-By mode without saving current address number.

4.2 Ringtone Setting

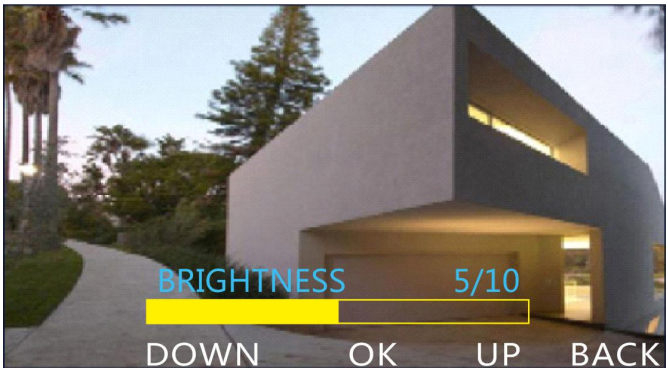
Under Stand-By mode, long press for 3s to enter Ringtone setting interface.

Interface of Address 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.

4.3 Video Setting

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



Interface of Video Setting

1. Press or to choose the setting of BRHTNESS, CONTRAST and COLOR.

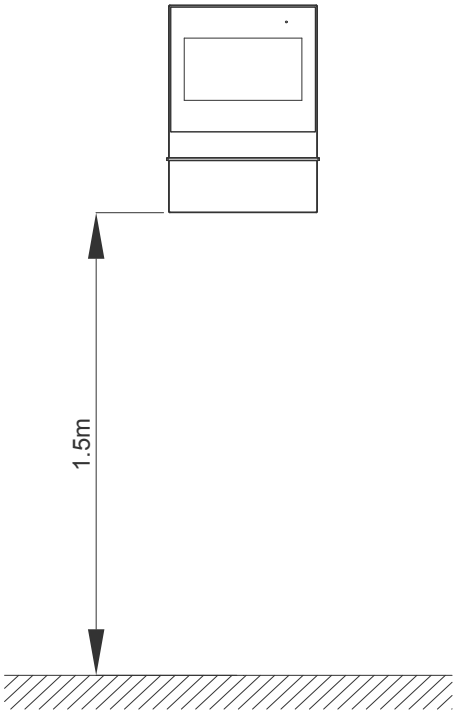
2. After choosing, press to enter the further setting(BRHTNESS, CONTRAST, COLOR), then press and to adjust the specific parameter, Range: 0-10.

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 monitor state if there's no operations in 5s.

Chapter 5 Installation

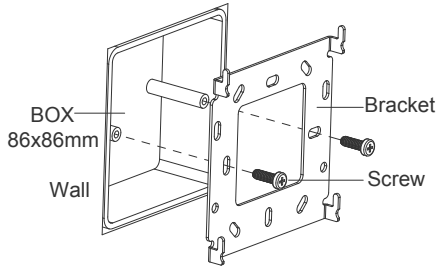
5.1 Installation Height



Recommended height: 1.5 m

Remark： When this product is affected by interference signal which is ≥3V/m and in range of 3.4MHz～63MHz,there will be interference phenomenon of diagonal strip appearing on video image(Please avoid external interference when assembling).

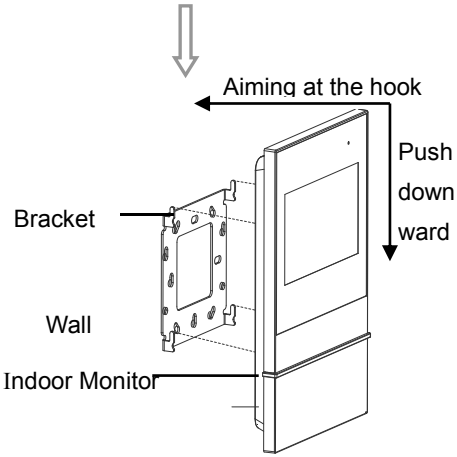
5.2 Installation Illustration



Step 1:

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

Fasten the screws to fix the bracket

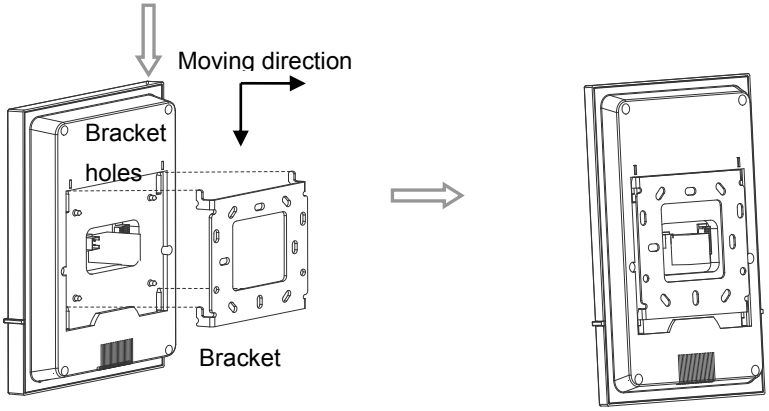


Step 2:

After finishing the wiring of the indoor station, aim the slot behind the indoor station to the hook of the bracket(②).

After aiming correctly, move downward a little to make the indoor station well fastened on bracket.(③)

Finish installation(④)



With the bracket installed