Contents

System Functions....1

Packaging Components....1

Product Discription....2

- Door station....2
- Monitor....2

System diagram....3

Wiring diagram....4

Installation....5

- Door station....5
- Indoor phone....6

Operation....7

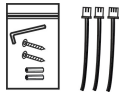
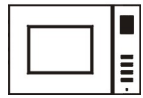
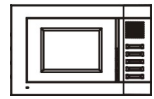
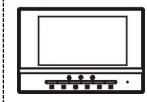
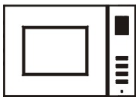
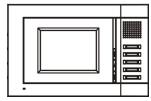
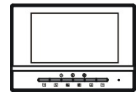
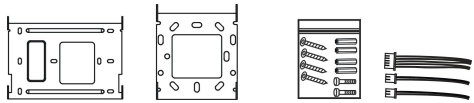
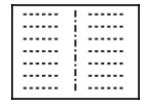
Trouble shooting....8

Specifications....8

1 System Functions

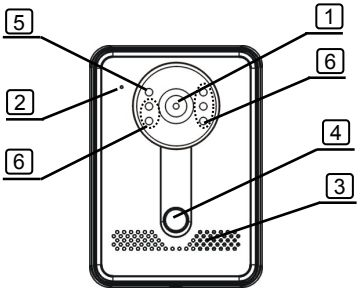
The basic function of this Intercom system is to provide audio and video communication between the external front door station and internal indoor monitor. The system can support upto 4 internal monitors and two external door stations. Internal audio communication between the monitors is possible via the intercommuniction button on the monitor. The option of door release is also possible via the unlock button on the monitor (if this is required please inform your installer). An optional exit button can be fitted to the Master monitor to provide unlocking of the door.

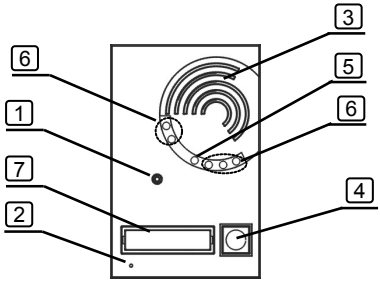
2 Packaging Components

<table>
<tr><td colspan="3">Door station</td><td colspan="3">Master Monitor</td></tr>
<tr><td>7S40
 </td><td>7S60
 </td><td>Accessories
  </td><td>7010K
  </td><td>7030K
  </td><td>7130K
  </td></tr>
<tr><td colspan="6">Sub Monitorindoor phone</td></tr>
<tr><td colspan="2">7010P
  </td><td colspan="2">7030P
  </td><td colspan="2">7130P
  </td></tr>
<tr><td colspan="6">Other fittings</td></tr>
<tr><td colspan="2">☐Power supply
 </td><td colspan="3">☐ Indoor phone accessories
  </td><td>☐ User manual
  </td></tr>
</table>

3 Product Desciption

Door station

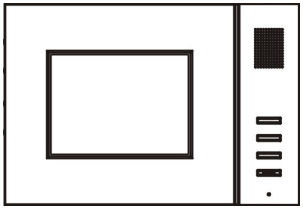


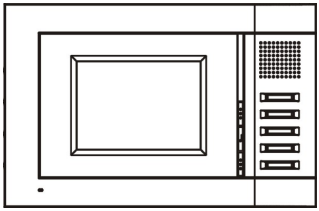


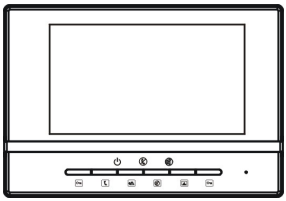
1 Camera 2 Microphone 3 Speaker 4 CALL button

5 Sensitive LED 6 White light LED 7 Name plate

Monitor







☆ Status indicator

- Power indicator
- Busy indicator
- Mute indicator

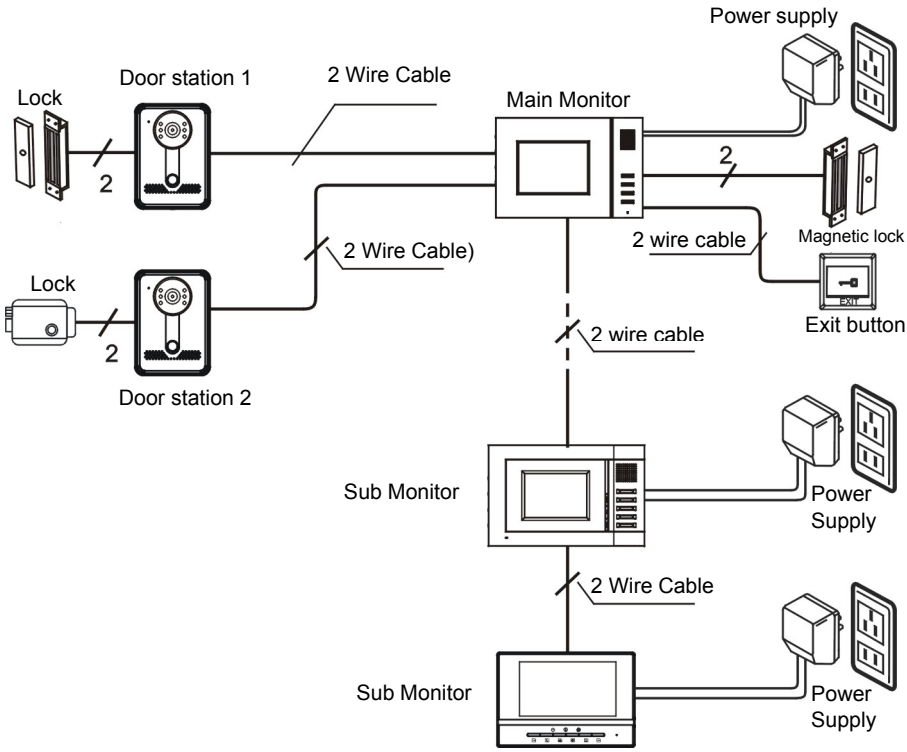
☆ Buttons

- Talk button
- Monitor button
- Unlock button
- Internal call button
- Mute button

☆ Adjustment

- Brightness adjustment
- Contrast adjustment
- Ring volume adjustment
- Talk volume adjustment

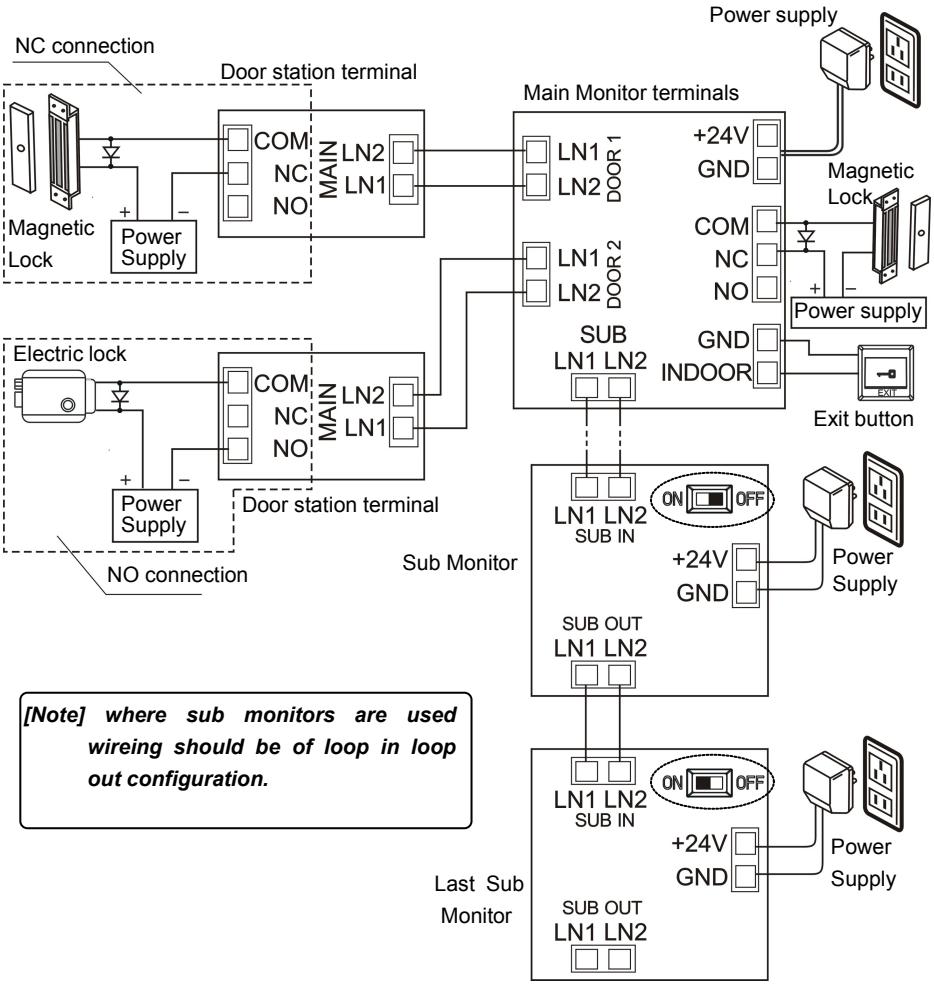
4 System Diagrams



Wiring Recommendations:

1. Wiring distance between the front door station and the last indoor monitor should be less than 200m.
2. Single wire resistance between the front door station and to the main monitor should be less than 10Ω.
3. Wiring between the main monitor and sub monitors should be looped.
4. Recommended Cable is polyethalene Double insulated 1.2mm

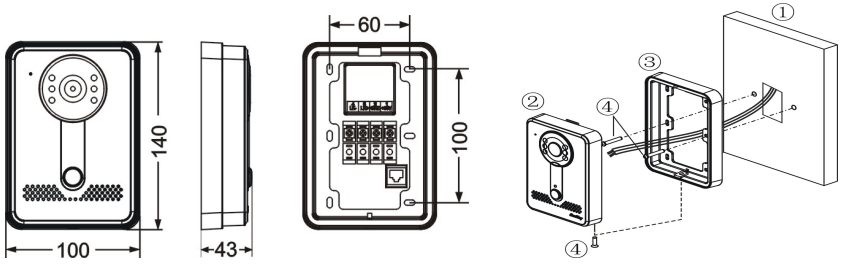
5 Wiring diagram



Switches on the back of the monitor.			
Unlock time **Only for the MASTER Monitor**			Video matching **Only for SUB Monitor**
Unlock time: 1s ON OFF	Unlock time: 5s ON OFF		The last monitors switch should be "ON", and the other sub Monitor switch should be "OFF".

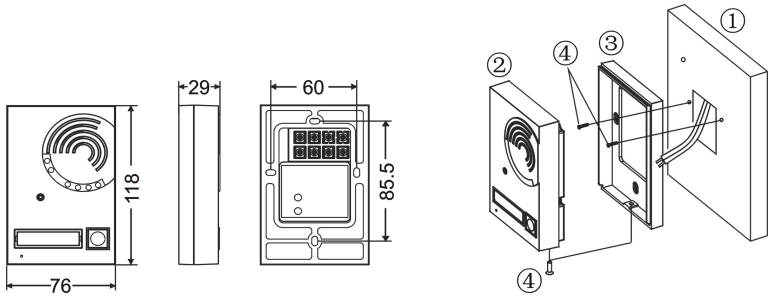
6 Installation

Door station



① Door/Wall ② Door Station Front

③ Door Station Bracket ④ Screw



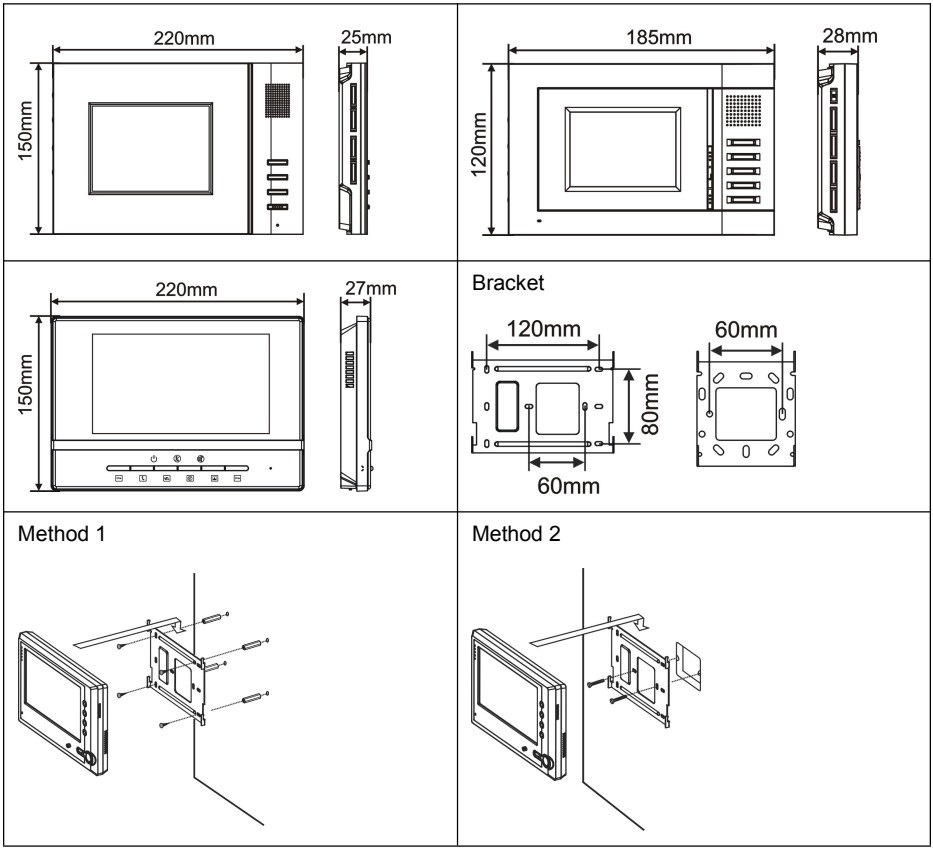
① Door/Wall ② Door Station Front

③ Door Station Bracket ④ Screw holes

⚠ Installation tips：

1. We suggest the installation height of 1400mm. Also consider other factors such as the angle of view and handicapped access.

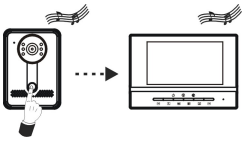
Indoor phone



⚠ Installation tips

1. Don’t install the Monitors in wet areas.
2. Keep away from direct heat.
3. Don’t clean the Monitor with wet towels or harsh cleaning agents.
4. Do not disassemble the product. If failure occurs contact your service provider.

7 Operation



■ Call

1. When a visitor presses the call button on the door station, the indoor Monitor rings, and the screen shows the visitor's image.
2. If there is no answer, the system will automatically reset to standby mode after 30 seconds.

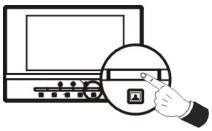
[Note]In a two door station system, if one of door stations is busy, the other door station's indicator will flash after the call button is pressed.

■ Talk

1. Press button on the monitor to answer the call.
2. While talking, press button again to end the call.

[Note] Coversation wills time out after 120 seconds.

■ Monitor

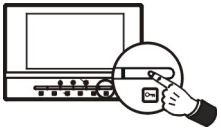


1. In the standby mode, press button on the monitor to view activity at the door station.
2. If there are two door stations fitted, to view at the different entrances

Press button → Door station 1 → Press button → Door station 2 → Press button → End monitor

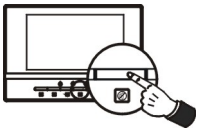
3. If monitoring the front door, pressing the button allows you to talk to the visitor.

[Note] Monitoring the door station automatically ends after 30 second If someone calls from the door station, monitoring ends and the monitor will chime.



■ Unlock

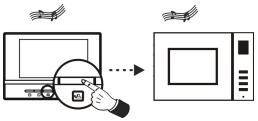
1. Whilst talking or monitoring the door, press button of Monitor to open the door.



■ Mute setting

1. Press button to mute ringing. When the ring is OFF, the indicator is on.

■ Intercom between indoor phone



1. In standby press button on any of the Monitors the other Monitors will ring.
2. Press button of the ringing monitor to talk. Any other monitors on the system will stop ringing.

[Note] 1. While ringing other monitors, press button to end the call.

8 Trouble shooting

Symptom	Points to check
● The power indicator of monitor is off after power up.	Check the power supply and connection.
● Door station constantly beeps.	Check the connection between the door station and the master monitor.
●The power indicator of the master monitor is on, but not functioning	
● Door not unlocking	1. Check the diode is wired correctly 2. Check if the connection between lock and door station is correct.

9 Specifications

Master Monitor	
Model	7010K / 7030K / 7130K
Screen	5″TFT / 3.5″TFT / 7″TFT
Resolution	320*324 / 234*160 / 480*324
Operating voltage	DC 24V
Operating current	500mA
Standby current	100mA
Temperature	-10℃ to +55℃
Humidity	10％ to 95％

Door station	
Model	7S40 / 7S60
Operating voltage	DC 14~18V
Operating current	300mA
Quiescent current	30mA
Temperature	-40℃ to +55℃
Humidity	10％ to 95％
Camera	Color CCD Visible angle: 90° Light source: White light LED Min. Illumination: 0.1 Lux.

Sub Monitor	
Model	7010P / 7030P / 7130P
Screen	5″TFT / 3.5″TFT / 7″TFT
Resolution	320*324 / 234*160/ 480*324
Operating voltage	DC 24V
Operating current	350mA
Standby current	100mA
Temperature	-10℃ to +55℃
Humidity	10％ to 95％