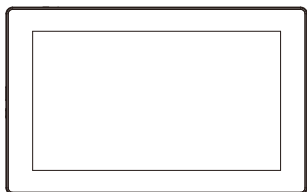
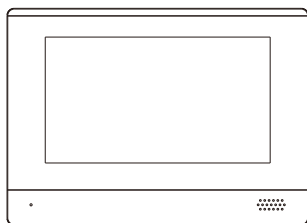


Operation Manual

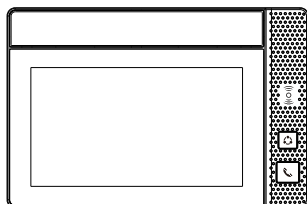
For TCP/IP with 792 system



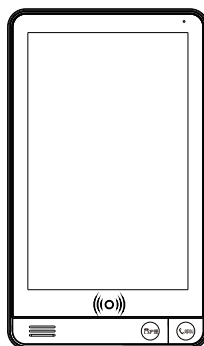
S3



KS2



KS3



KS6

Ward Door Terminal

■ Remark

Please follow the user manual for correct installation and testing. If there is any doubt please call our tech-supporting and customer center.

Our company applies ourselves to reformation and innovation of our products. No extra notice for any change. The illustration shown here is only for reference. If there is any difference, please take the actual product as the standard.

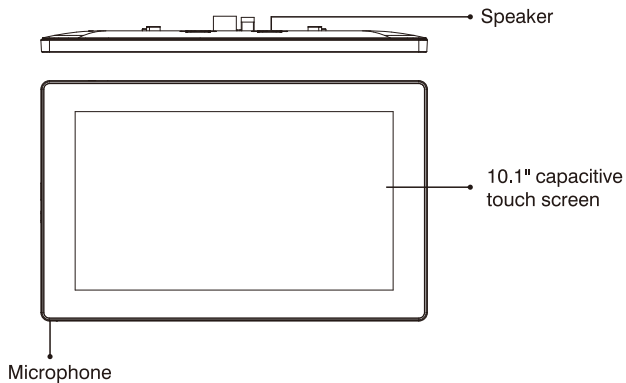
The product and batteries must be handled separately from household waste. When the product reaches the end of service life and needs to be discarded, please contact the local administrative department and put it in the designated collection points in order to avoid the damage to the environment and human health caused by any disposal. We encourage recycling and reusing the material resources.

CATALOG

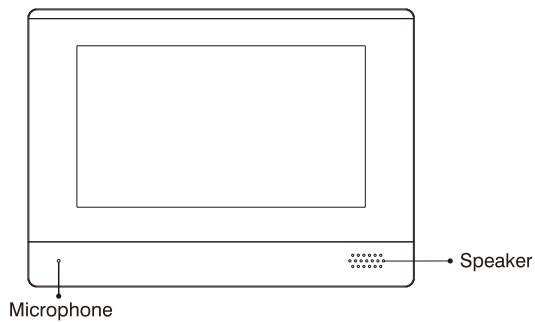
Pictures.....	1
Technical Parameters.....	3
Basic Function.....	3
Operation.....	4
1. Main Interface	4
2. Nursing	4
3. Answer Call	5
4. Bathroom Alarm	5
5. Infusion Completed	6
6. Call Nurse Station	6
7. Settings.....	7
Web Settings	14
System Configuration	17
System Diagram.....	18
Installation	20
Troubleshooting	23
Safety Instructions	24

Pictures

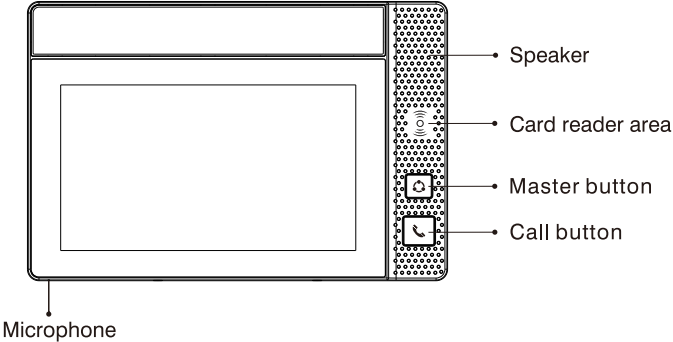
Model:S3



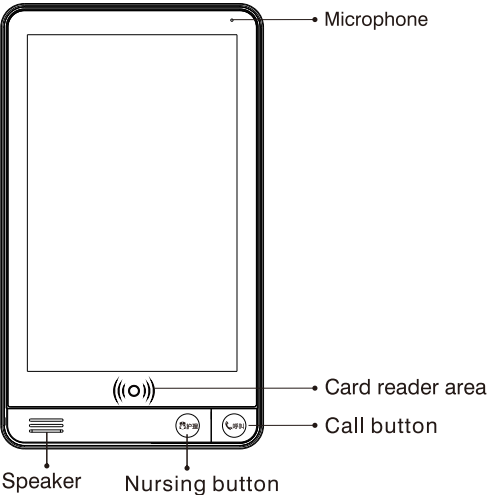
Model:KS2



Model:KS3



Model:KS6



Technical Parameters

Voltage: DC 12V

Rated power: 10W

Standby power consumption: 3W

Resolution: 7": 1024x600(KS2)

10.1": 1024x600(KS3,S3)

10.1": 1280x800(KS6)

Operating temperature: -10℃～+55℃

Storage relative humidity: 20%～85%

Basic Function

1. It supports calling nurse station.
2. It supports receiving calls from the bedside terminal and talking with the bedside terminal.
3. Multi-point capacitive touch screen can display the information on the patient. The information on responsible doctor and responsible nurse can be viewed.
4. Nursing positioning can be identified by the built-in status indicator (only for models with built-in status lights).
5. Call from bedside terminal can be identified by the built-in status indicator(only for models with built-in status lights).
6. Bathroom emergency call can be identified by the built-in status indicator(only for models with built-in status lights).

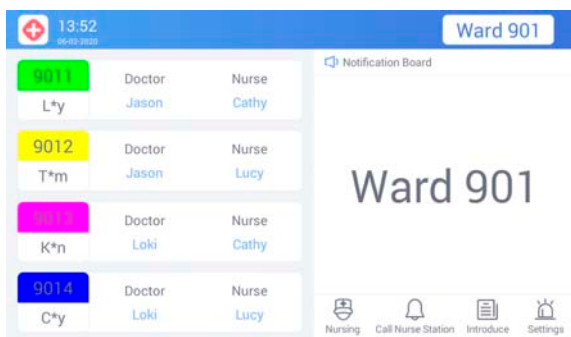
Display status of ward door terminal's indicator lights:

- ◇ *Red light flashes slowly to indicate bathroom alarm.*
- ◇ *Yellow light flashes slowly to indicate that the infusion is completed.*
- ◇ *Blue light flashes slowly to indicate a call.*
- ◇ *If the green light is always on, it means that nursing location has been enabled.*

Operation

1. Main Interface

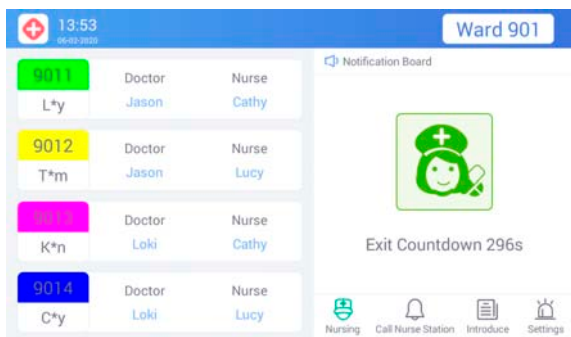
After the ward door terminal is powered on, the system will enter the interface as shown below:



The patient information is issued by the medical care management software, which mainly contains basic patient information, including patient information, responsible doctors and nurses, and nursing information.

2. Nursing

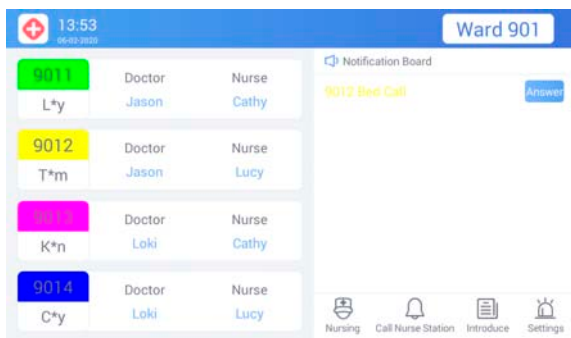
Clicking "Nursing" icon, the system will enter into the following interface:



After the nurse clicks on "Nursing" on ward door terminal, the green indicator light turns on (only for models with status light), which means the ward to which the terminal belongs has enabled nursing location.

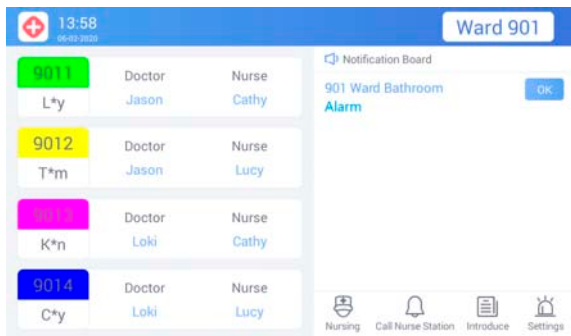
3. Answer Call

When the patient has any problem or needs help, he/she can call ward door terminal. The blue indicator light of ward door terminal flashes slowly (only for models with status light), and the nurse can click "Answer" to deal with it.



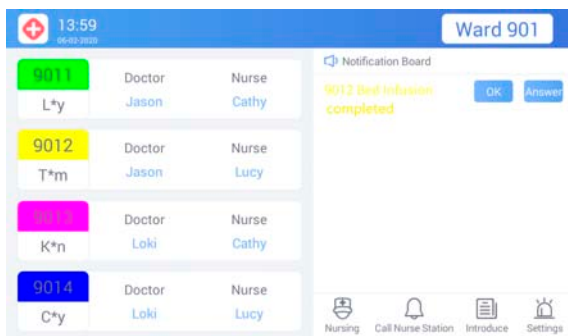
4. Bathroom Alarm

When an emergency occurs in the bathroom and the patient calls by SOS button, the red indicator light of ward door terminal flashes slowly (only for models with status light). After receiving the alarm, the nurse can click "OK" to deal with it.



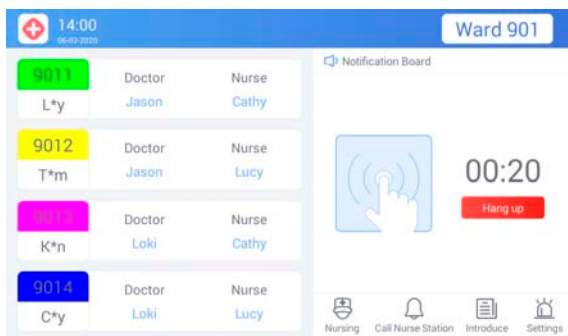
5. Infusion Completed

When the patient completes the infusion and initiates the call, the yellow indicator light of ward door terminal flashes slowly(only for models with status light). After receiving the notification, the nurse can click "OK" or "Answer" to deal with it.



6. Call Nurse Station

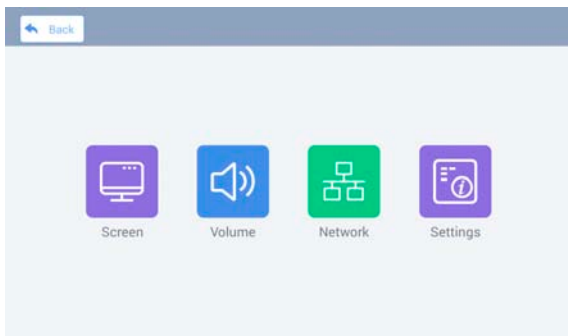
Clicking "Call Nurse Station" icon, the system will enter into the following interface :



The blue indicator light of ward door terminal flashes slowly (only for models with built-in status light). Click "Hang up" to end the call.

7. Settings

Clicking “Settings” icon, the system will enter into the following interface:

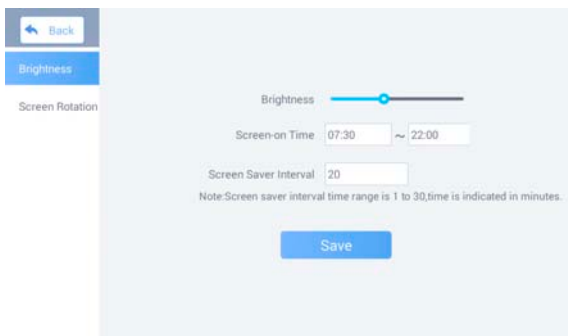


7.1 Screen

7.1.1 Brightness

Clicking “Screen” icon, the system will enter into the following interface:

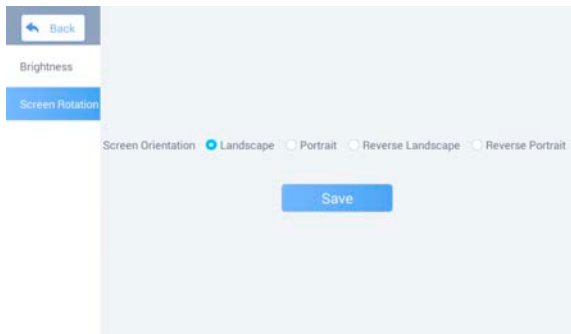
The user can set the brightness, screen-on time, and screen saver interval that you want. Click “Save” icon to save the settings.



7.1.2 Screen Rotation

Clicking “Screen Rotation” icon, the system will enter into the following interface:

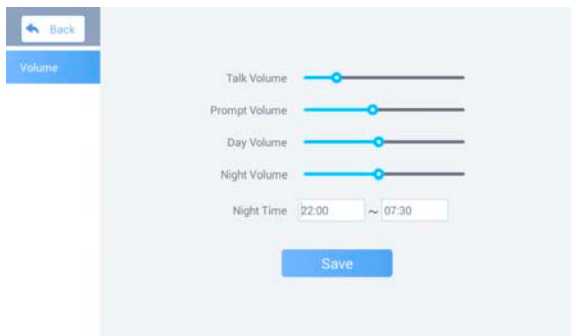
You can select the screen orientation that you want. Click “Save” icon to save the settings.



7.2 Volume

Clicking “Volume” icon, the system will enter into the following interface:

The user can set talk volume, prompt volume, day volume, night volume and night time that you want. Click “Save” icon to save the settings.



7.3 Network

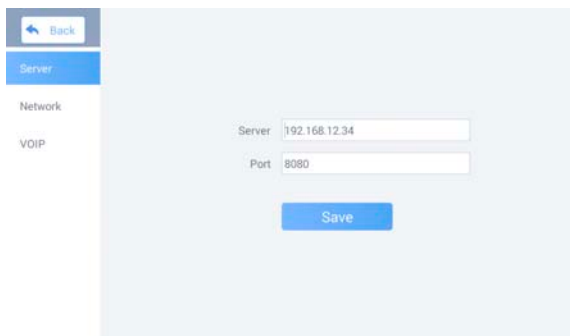
7.3.1 Server

Clicking “Network” icon, the system will enter into the following interface:

Server: IP address of the on-site server.

Port: Port No. of the server.

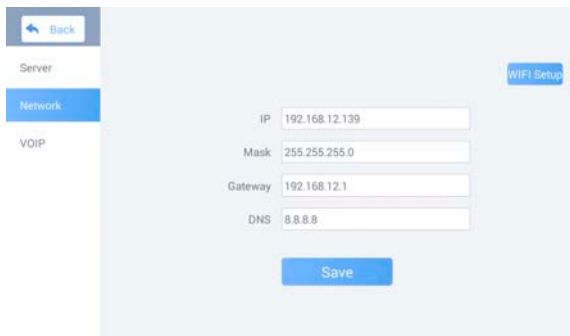
Click “Save” icon to save the settings.



The screenshot shows a web interface for configuring the server. On the left, there is a sidebar with a 'Back' button at the top, followed by 'Server' (which is highlighted in blue), 'Network', and 'VOIP'. The main area contains two input fields: 'Server' with the value '192.168.12.34' and 'Port' with the value '8080'. Below these fields is a blue 'Save' button.

7.3.2 Network

Click “Network” icon to enter into the following interface:



The screenshot shows a web interface for configuring network settings. On the left, there is a sidebar with a 'Back' button at the top, followed by 'Server', 'Network' (which is highlighted in blue), and 'VOIP'. The main area contains four input fields: 'IP' with the value '192.168.12.139', 'Mask' with the value '255.255.255.0', 'Gateway' with the value '192.168.12.1', and 'DNS' with the value '8.8.8.8'. Below these fields is a blue 'Save' button. In the top right corner of the main area, there is a 'WiFi Setup' button.

IP: the system will automatically display IP address of the ward door terminal.

IP address is unique.

The default Mask address is 255.255.255.0. Normally, it is unnecessary to modify. If you would like to modify it, a keypad will pop up when clicking the setting box twice. Enter your new Mask address.

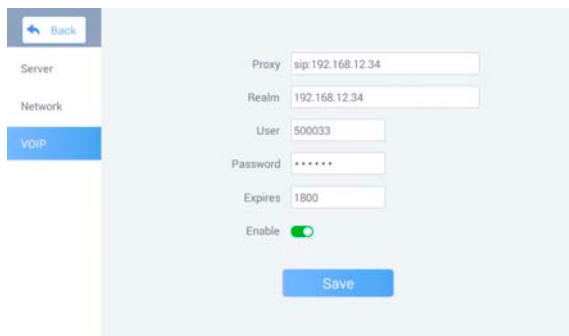
The Gateway in one system must be on the same segment.

DNS: domain name resolution address (DNS of local operator). If ward door terminal is used on WAN, the address must be entered correctly. If it is used on LAN, the address can be ignored.

Click "Save" to save the settings.

7.3.3 VOIP

Click "VOIP" icon to enter into the following interface:



Proxy: URL of sip proxy server, the format is sip:ip or sip: realm name.

Realm: The realm of the device, same as IP or realm name.

User ID: Corresponding SIP account of device.

Password: Password of SIP account, offered by the administrator of sip proxy server.

To connect with SIP network phones from other manufacturers, check "Enable" and fill in "User" with the number registered on SIP server.

Click "Save" icon to save the settings.

7.4 Settings

7.4.1 Settings

Click “Settings” icon to enter into the following interface:

The screenshot shows a web interface for settings. On the left is a sidebar with a 'Back' button at the top, followed by 'Settings' (which is highlighted in blue), and then 'Reset', 'Security', 'Video', and 'Version'. The main content area has a light blue background and contains several input fields arranged in two columns. The first column contains 'Ward Area No.' with the value '9', 'Ward No.' with '901', 'Nurse Terminal Account' with '500037', 'Nurse Terminal IP' with '192.168.12.131', 'Customer Service' with '556', and 'Sub Customer Service' with '555'. The second column is empty. At the bottom center of the main area is a blue 'Save' button.

Ward Area No.: Code of the ward where the device is located.

Ward No.: Number of inpatient ward where the device is located.

Nurse Terminal Account: SIP No. of nurse terminal called by this ward door terminal.

Nurse Terminal IP: IP address of nurse terminal called by this ward door terminal.

Customer Service: Call group No. of ward where the device is located.

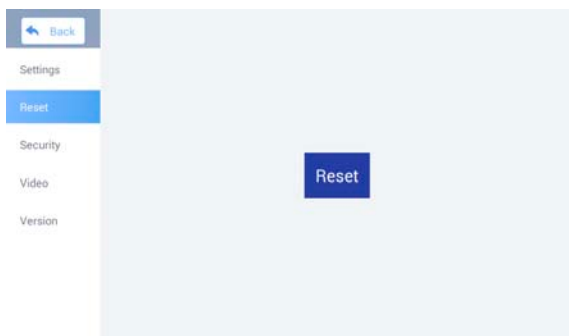
Click “Save” to save the settings.

Note: The customer service center can also be obtained automatically from the server. When the ward area No. and ward No. are filled in correctly and the setup information is consistent with the device information on management platform, the customer service center and other information will be obtained automatically.

7.4.2 Reset

Click "Reset" icon to enter into the following interface:

Clicking "OK" icon, the system offers voice prompt "Modified Successfully" to restore the factory settings of the ward door terminal.



7.4.3 Security

Click "Security" icon to enter into the following interface:

In this interface, the user can view the information of alarm device connected to the ward door terminal.

A screenshot of a web interface for a ward door terminal. On the left is a vertical sidebar menu with the following items: 'Back' (with a blue arrow icon), 'Settings', 'Reset', 'Security' (highlighted in blue), 'Video', and 'Version'. The main content area is light blue and contains a table with three columns: 'Alarm Zone', 'Type', and 'Interface'.

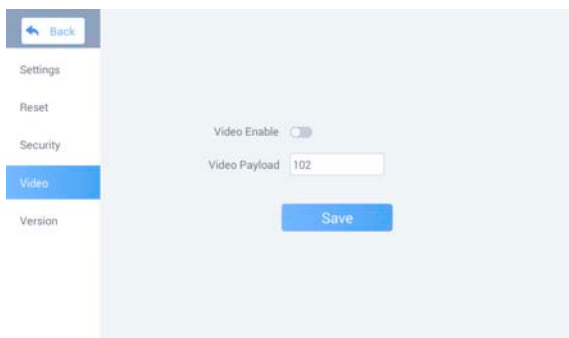
Alarm Zone	Type	Interface
1	Bathroom Alarm	NO
2	Bathroom Alarm	NO
3	Bathroom Alarm	NO
4	Bathroom Alarm	NO
5	Bathroom Alarm	NO
6	Bathroom Alarm	NO
7	Bathroom Alarm	NO
8	Bathroom Alarm	NO

7.4.4 Video

Click “Video” icon to enter into the following interface:

Click to turn on "Video Enable" and fill in "Video Payload".

Click “Save” to save the settings.



7.4.5 Version

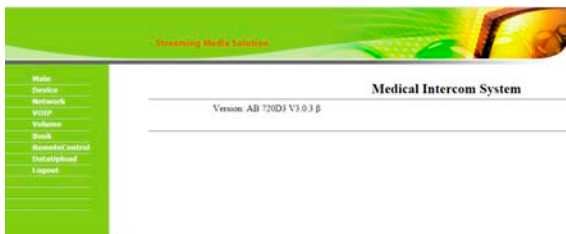
Click “Version” icon to enter into the following interface:



You can look over the relevant information.

Web Settings

Connect ward door terminal and PC to the network switch on the same LAN. Input IP address of ward door terminal in the web browser of PC, then input the user name and password(the default name is admin, the password is 123456) to enter into the following interface:



1. Device Settings:

Click “Device” icon on the interface to enter into the following interface:



Server: it is the same as the IP address of device server.

Server Port: Port No. of the server.

Seat: The corresponding call group number set on the management platform for this ward door terminal.

Host User: The sip account of the Nurse Terminal connected to the ward door terminal.

Host IP: The IP address of the nurse terminal connected to the ward door terminal.

Once this is set up, check “Enable” and click the key “Submit” to enable new settings.

2. Network Settings:

Click “Network” icon on the interface to enter into the following interface:



Network Settings	
IP:	192.168.12.139
Mask:	255.255.255.0
Gateway:	192.168.12.1
DNS:	8.8.8.8

IP: IP address should be unique in the same Network.

Mask: the default Mask is 255.255.255.0.

Gateway: it depends on the segment of IP address.

DNS: it depends on Network.

Click “Submit” icon to confirm settings.

3. VOIP:

Click “VOIP” icon on the interface to enter into the following interface:



SIP Settings	
Proxy:	sip:192.168.12.34
Realm:	192.168.12.34
User:	500023
Password:	*****
Enable:	<input checked="" type="checkbox"/>

Proxy: URL of SIP proxy server in format: sip:ip or sip: domain name.

Realm: realm of the device, generally the same as IP or domain name.

User: user name assigned by SIP server.

Password: password assigned by SIP server.

Once this is set up, check “Enable” and click the key “Submit” to enable new settings.

4. Book

Click “Book” icon on the interface to enter into the following interface:



Click the "Browse" icon, select the desired imported address book, and then click the "OK" icon.

Click “Submit” icon to complete the import of the address book.

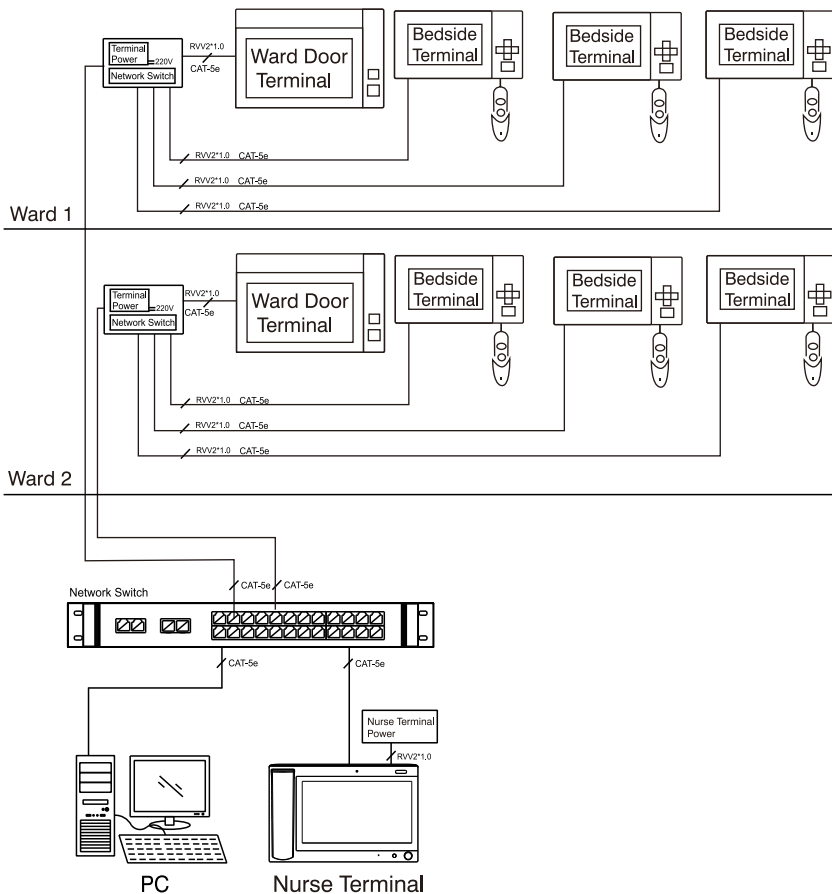
5. Logout

Click “Logout” icon on the interface to enter into the following interface:

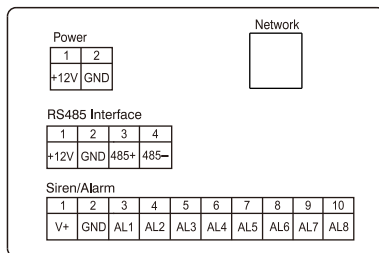


Click “Submit” icon to log out of the system.

System Configuration

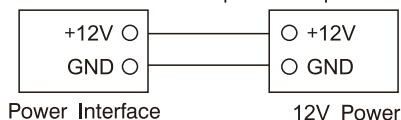


System Diagram



1. Power

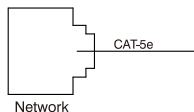
Power input interface: connect with 12V power adapter.



2. Network

Connect with nurse terminal, bedside terminal or other network equipment by network switch.

When ward door terminal has POE function, the interface can supply power by connecting with POE network switch. If network interface has 12V power supply, pin No. 4 and 5 of RJ45 interface should connect with +12 of power interface, and pin No. 7 and 8 should connect with GND of power interface.



3. RS485

It can connect to other equipment with RS485 interface.

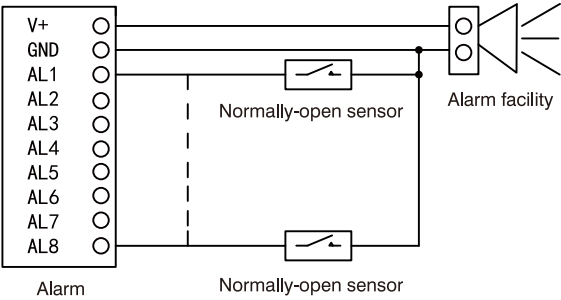
RS485 interface can output 12V/100mA power supply. If RS485 equipment to be connected doesn't require the power supply, no need to connect +12V.



4. Siren/Alarm

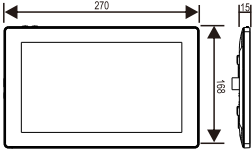
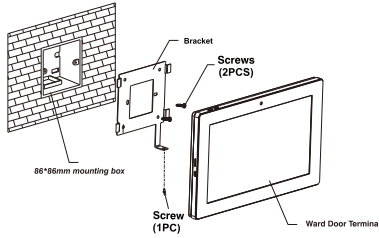
When alarm sensor is triggered, the output power is 12V/100mA.

Each interface of alarm zone can be connected with normally-open switch, such as bathroom SOS button.



Installation

Model: S3

Appearance dimension	Installation diagram
 <p>Dimensions: 270*168*15mm</p>	 <p>86*86mm mounting box</p> <p>Bracket</p> <p>Screws (2PCS)</p> <p>Screw (1PCS)</p> <p>Ward Door Terminal</p>

Installation method:

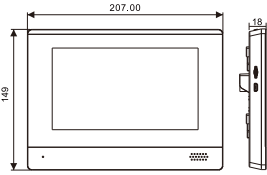
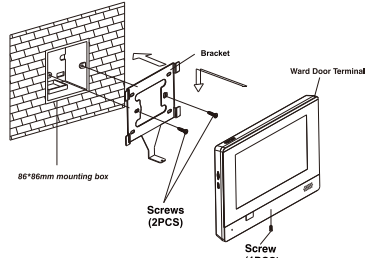
Step 1. The hole for 86*86mm mounting box is reserved in the wall.

Step 2. Fix the bracket.

Step 3. Connect the relevant cables to the ward door terminal, and then hang the terminal on the bracket.

Step 4. Install the bottom screw to fix the ward door terminal, and then debug the ward door terminal to complete the installation.

Model: KS2

Appearance dimension	Installation diagram
 <p>Dimensions: 207*149*18mm</p>	 <p>86*86mm mounting box</p> <p>Bracket</p> <p>Screws (2PCS)</p> <p>Screw (1PCS)</p> <p>Ward Door Terminal</p>

Installation method:

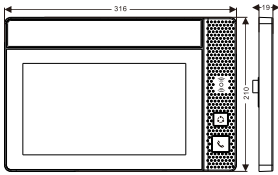
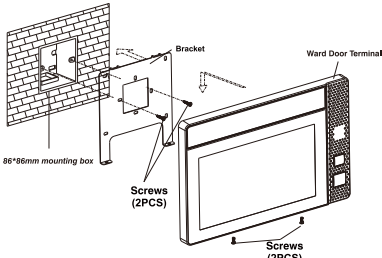
Step 1. The hole for 86*86mm mounting box is reserved in the wall.

Step 2. Fix the bracket.

Step 3. Connect the relevant cables to the ward door terminal, and then hang the terminal on the bracket.

Step 4. Install the bottom screw to fix the ward door terminal, and then debug the ward door terminal to complete the installation.

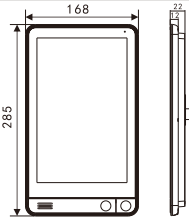
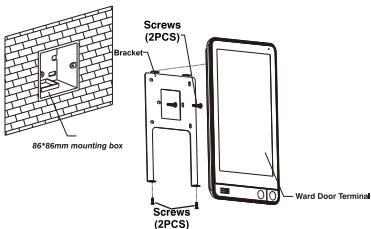
Model: KS3

Appearance dimension	Installation diagram
 <p>Dimensions: 316*210*19mm</p>	

Installation method:

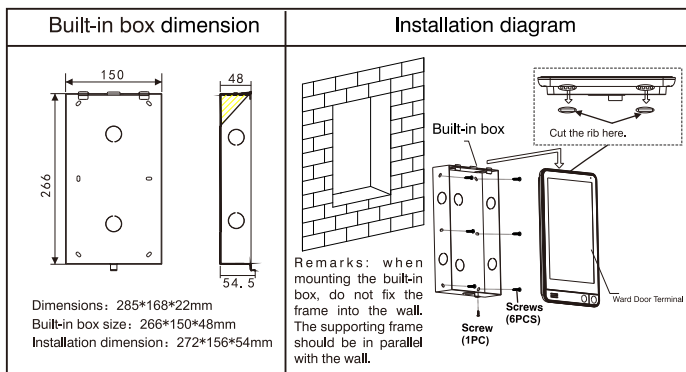
- Step 1. The hole for 86*86mm mounting box is reserved in the wall.
- Step 2. Fix the bracket.
- Step 3. Connect the relevant cables to the ward door terminal, and then hang the terminal on the bracket.
- Step 4. Install the bottom screw to fix the ward door terminal, and then debug the ward door terminal to complete the installation.

Model: KS6

Appearance dimension	Installation diagram
 <p>Dimensions: 285*168*22mm</p>	

Installation method:

- Step 1. The hole for 86*86mm mounting box is reserved in the wall.
- Step 2. Fix the bracket.
- Step 3. Connect the relevant cables to the ward door terminal, and then hang the terminal on the bracket.
- Step 4. Install the bottom screw to fix the ward door terminal, and then debug the ward door terminal to complete the installation.



Installation method:

- Step 1. According to the installation dimension of ward door terminal, dig a square groove at the appropriate position in the wall.
- Step 2. Cut off the rib on the ward door terminal.
- Step 3. Connect the relevant cables to the ward door terminal.
- Step 4. Install the bottom screw to fix the ward door terminal, and then debug the ward door terminal to complete the installation.

Troubleshooting

The ward door terminal cannot start up or power off automatically.

- Check whether it has power-failure, and power it on again.
-

The ward door terminal display screen is too dim.

- Check whether the brightness and contrast settings of screen are correct.
-

No sound during the communication.

- Check whether the ward door terminal is set to silent mode or the volume is set to the lowest.
-

Multimedia files cannot be played normally.

- Check whether the system supports the file format. Please refer to multimedia setting for details.
-

Touchscreen responses slowly or cannot make calibration.

- Take down any protective paster, since it may affect identification and input for device;
 - Ensure the finger is dry and clean when clicking touchscreen;
 - Restart the device to clear any temporary software error.
-

The temperature of device is too high.

- Long-term use leads to high temperature. It's normal and will not affect the device's use life and performance.

Safety Instructions

In order to protect you and others from harm or your device from damage, please read the following information before using the device.

Do not install the device in the following places:

- Do not install the device in high-temperature and moist environment or the area close to magnetic field, such as the electric generator, transformer or magnet.
- Do not place the device near the heating products such as electric heater or the fluid container.
- Do not place the device in the sunshine or near the heat source. This might cause discoloration or deformation of the device.
- Do not install the device in an unstable position to avoid the property losses or personal injury caused by the falling of device.

Guard against electric shock, fire and explosion

- Do not use damaged power cord, plug or loose outlet.
- Do not touch the power cord with wet hands or unplug the power cord by pulling.
- Do not bend or damage the power cord.
- Do not touch the device with wet hands.
- Do not make the power supply slip or cause the impact.
- Do not use the power supply without the manufacturer's approval.
- Do not have the liquids such as water go into the device.

Clean Device Surface

- Clean the device surfaces with soft cloth dipped in some water, and then rub the surface with dry cloth.

Other Tips

- In order to prevent damage to the paint layer or the case, please do not expose the device to chemical products, such as the diluent, gasoline, alcohol, insect-resist agents, opacifying agent and insecticide.
- Do not knock on the device with hard objects.
- Do not press the screen surface. Overexertion might cause flopover or damage to the device.
- Please be careful when standing up from under the device.
- Do not disassemble, repair or modify the device at your own discretion. The arbitrary modification is not covered under warranty. When any repair required, please contact the customer service center.
- If there is abnormal sound, smell or fume in the device, please unplug the power cord immediately and contact the customer service center.
- When the device isn't used for a long time, the adaptor and memory card can be removed and placed in dry environment.