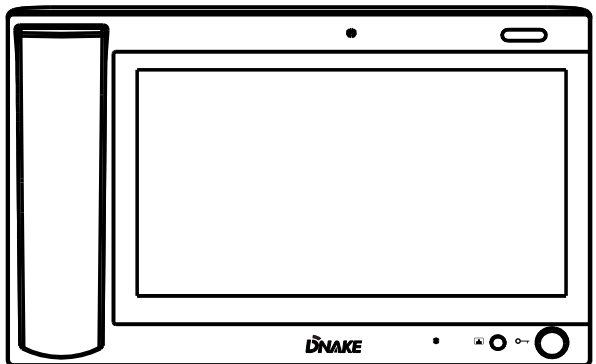


MASTER
STATION

MODEL:
902C-A



USER MANUAL

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

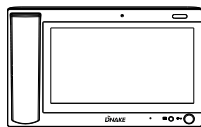
Technical Parameters	1
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Basic Operations	3
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System Configuration.....	16
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Installation	18
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Safety Instructions	20

TECHNICAL PARAMETERS

1. Working voltage: DC12V
PoE
2. Rated power: 10W
3. Standby power: 3W
4. Working temperature: $-10^{\circ}\text{C}\sim+55^{\circ}\text{C}$
5. Storage temperature: $-10^{\circ}\text{C}\sim+60^{\circ}\text{C}$
6. Working Humidity: 10% to 90% (non-condensing)

PACKAGE CONTENTS

Please make sure the package contains the following items:



Master Station



Screw

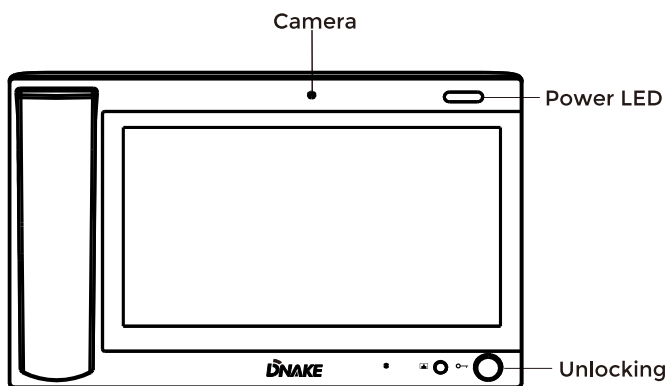


Quick Start Guide

BASIC FUNCTION

1. Two-way communication with indoor monitor;
2. Monitor wall station and unit station;
3. Record alert and intercom information;
4. Set automatic message and answer.

PICTURES





BASIC OPERATIONS



Main menu: call, monitor, security, system settings, talk records and Apps.






Status bar: network status, SIP registration.

Status bar description:

1. Network status : When there is a network connection, the icon is always lit up;
2. SIP registration : When the SIP registration is successful, the icon is always lit up.

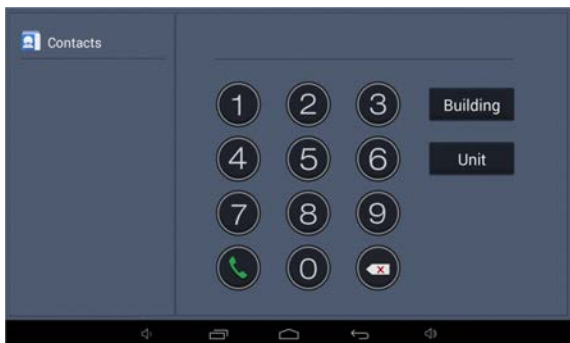
After entering the secondary menu, the status bar will be displayed at the bottom of the screen.


Notes:



1. Return : Click the icon to return to previous menu.
2. Home page : Click the icon to return to home page.
3. Background applications : Click the icon, and the interface will show the applications running in the background.
4. Volume- : Click the icon to turn the volume down.
5. Volume+ : Click the icon to turn the volume up.

1.1 Call

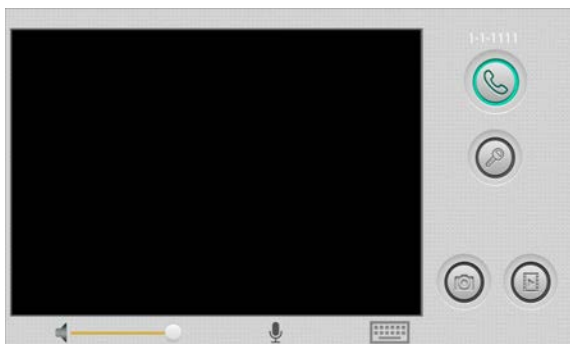
Click the icon , the system will enter into the following interface:



Input building No. of 1-4 digits+ “Building” icon + unit No. of 1-2 digits + “Unit” icon+ room No. of 1-4 digits (floor No. included), then click  icon to call.

For example, to call indoor monitor :0001010807, input 1+ “Building” , then 1+ “Unit” + 08(floor No.) +07(room No.) and click icon  to call. In case of input error, click the icon  to delete.




After making the call, the user will see the interface as shown below:





When the call is answered, call status is as below:

- ① If the called indoor monitor has a camera, the image of called party will be displayed in the master station.
- ② At the same time, the video is transmitted from indoor monitor to master station.

When there is a call from door station, wall station, indoor monitor or secondary door station, the master station will ring; If no one answers within 25 seconds, the system stops making the call.


Click the icon  to talk to door station; Click the icon  to end this call; Click the icon  to unlock the door for visitors.

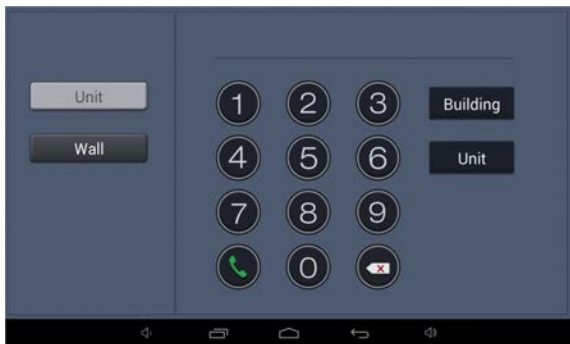
Audio and video recording can be realized during the call (TF card should be inserted into master station).

Click the icon  to capture the visitor's image; Click the icon  , the system will record and save the video image of current call.


The default calling time is 120 seconds.

1.2 Monitor




Click the icon  on the main interface, the system will enter the interface as shown below:







1.2.1 Monitor Wall station

Click the icon , enter two digits, and then click the icon  to monitor wall station.


1.2.2 Monitor Unit station

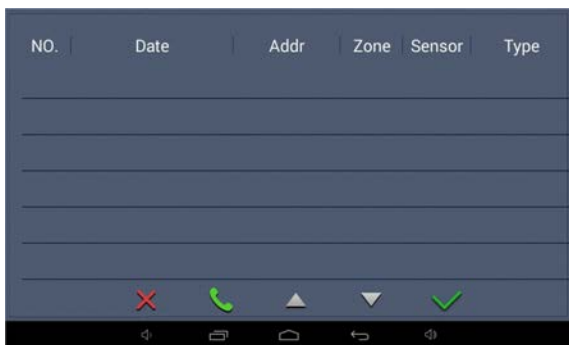
Click the icon , enter 7 digits, and then click the icon  to monitor unit station. The first four digits are building No., the following two digits are unit number, and the last one is the number of door station. In case of input error, click the icon  to delete the numbers or click the "*" icon to delete all numbers. The system will enter the monitoring interface as shown below:





Click the icon  to unlock the door for visitors; Click the icon  to end the current monitoring; Click the icon  to capture the visitor's image; Click the icon , the system will record and save the video during monitoring. The current volume can also be adjusted. The default monitoring time is 120 seconds.

1.3 Security

Click the icon  on the main interface, the system will enter into the following interface:



This interface records the alarm information sent by indoor monitor to the master station.

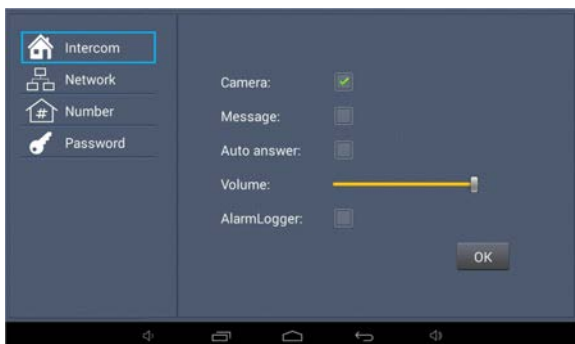
When indoor monitor gives an alarm, the interface will display the alarm address and alarm type, and show the current record in red. Click the alarm processing icon, the record will be displayed in black and saved in the alarm record list. Select a record and click the callback icon, the system will automatically call indoor monitor that sends the alert; Click  and  icon to switch between pages.

1.4 Settings

On the main interface, click the icon  to enter the system configuration interface.

1.4.1 Intercom

Click "intercom" icon, and the system will enter the interface as shown below:



To enable the functions of camera, automatic message, automatic answering and alarm logger, check the boxes, swipe left or right to adjust the intercom volume, and then click "OK" icon.

1.4.2 Network Settings

Click "Network", admin password window will pop up. Enter the admin password and click ok. The system will enter the interface as shown below:



DHCP: When enabled, the router automatically allocates the IP address.

IP address: In same network segment of the same system, IP address can not be repeated.

Subnet mask: The original subnet mask is 255.255.255.0 and does not need to be changed. To make changes, click the setting box next to the item, enter new one through the numeric keypad that pops up, and then click "OK" icon.

Default gateway: Fill in according to IP segment assignment on site.

DNS server: It refers to IP address of the DNS server.

Current IP: The system will automatically display IP address of master station.

1.4.3 Number Settings

Click "Number", and the system will enter the interface as shown below:



Index: the number of master station, which can be up to 2 digits.

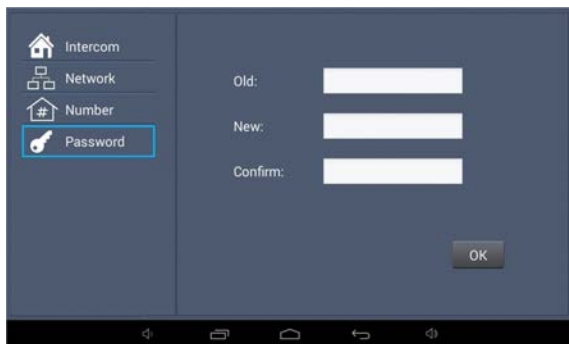
Device code: when the device code is set to 0, the master station is the main master station; When the device code is 1 to 4, it is the sub one. When indoor monitor calls the master station, five master stations can ring at the same time. If the device codes of all the 5 master station are set to 0 but the indexes are set to 1 to 5, when indoor monitor calls the master station, if the first master station is disconnected or busy, the call will automatically transfer to next master station.

Sync code: please change the sync code as soon as possible. The synchronization code is used to synchronize the main and sub master stations. The main and sub master stations can be synchronized only when their sync codes are consistent.

Server: IP address or domain name of server.


1.4.4 Password

Click "Password", the system will enter the interface as shown below:



Click the input box after the old password, enter the original password through the numeric keypad that pops up, enter the new six-digit password in the same way and then re-enter the password in the box next to the item "Confirm". Click "OK", the system will emit a beep.

1.5 Talk records

Click the icon  on the main interface, the system will enter the interface as shown below:







The screenshot shows a dark-themed interface with a table of call records. The table has four columns: 'NO.', 'Number', 'Date', and 'Length'. There are six rows of data. Below the table, there is a navigation bar with icons for call, home, back, and a red 'X' icon.

NO.	Number	Date	Length
1	1011111	19-04-17 11:41:01	6s 
2	1011111	19-04-17 11:38:27	32s 
3	17171112	19-04-15 17:18:18	2s
4	1019901	19-04-15 15:27:40	3s
5	12129905	19-04-15 15:00:41	4s 
6	12129905	19-04-15 13:41:38	4s 

The page lists the intercom records of the master station.

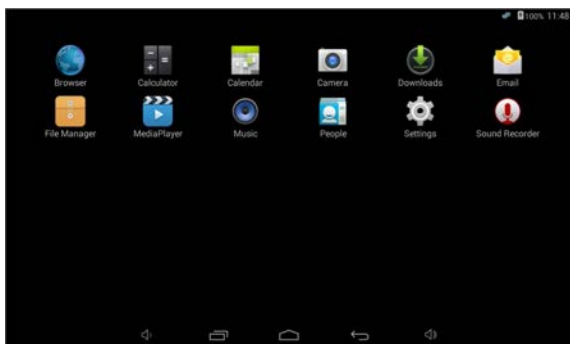
 refers to the outgoing call;  refers to the incoming call;

 indicates the missed call. It can save up to 64 records.

Click the  and  icon to scroll up and down the record. Select one record and click the icon  to call back; Click the icon  to delete it; Click  to make a backup. If there is a snapshot, a small icon will be displayed at the end of the record . Click  to view the picture.

1.6 Application

Click icon  on the main interface to enter into application function interface.



Gadgets: Browser, Calculator, Calendar, Camera, Downloads, Email, File Manager, Media Player, Music, People(Contacts), Settings, Sound Recorder, etc.

Data storage: Media Player, File Manager, Downloads.

Extended application: you can download the software that you need from the browser.

Settings: you can view the version information of the device, and set the ringtone, brightness and some related auxiliary functions of the device.

WEB SETTINGS

Connect the master station and the computer by the switch, input the IP address of the master station on the computer web browser (IP address of the computer and master station must be in the same network segment), then input the user name and password (the default user name of the system is "admin", and the password is "123456") to enter the interface:



Main page is used for showing firmware version and the status of SIP registration.

1. Network



Network page is used for setting up network of device here.

DHCP: obtain IP address via DHCP;

IP: static IP address;

Mask: subnet mask;

Gateway: gateway;

DNS: Domain Name Server;

Eth & WiFi: switch to activate network port and WiFi of the device to work simultaneously.

2. RoomNo



The screenshot shows the 'Room No. Settings' page. On the left is a green sidebar with a menu: Home, Network, RoomNo, VOIP, Advanced, WebUI, Office, License, Logout. The main content area has a title 'Room No. Settings' and the following fields:

Build:	<input type="text" value="1"/>
Unit:	<input type="text" value="1"/>
Room:	<input type="text" value="1111"/>
Device:	<input type="text" value="0"/>
Sync:	<input type="text" value="127827"/>
Server:	<input type="text" value="192.168.12.40"/>
Password:	<input type="text" value="123456"/>

At the bottom is a 'Submit' button.

RoomNo page is used for setting up connection with other devices.

Build: number of the building;

Unit: number of the unit;

Room: number of the room;

Device: the numbering system for same-room number devices (Indoor Monitor 0-9; Outdoor Station 1-9);

Sync: type in same numbers to make same-room number Indoor Monitors ring together;

Server & Password: server is the IP of CMS and password is the admin's password of device.

3. VOIP



The screenshot shows the 'SIP Settings' page. On the left is a green sidebar with a menu: Home, Network, RoomNo, VOIP, Advanced, WebUI, Office, License, Logout. The main content area has a title 'SIP Settings' and the following fields:

SIP enable:	<input type="checkbox"/>
Proxy:	<input type="text" value="sip:192.168.12.40"/>
Realm:	<input type="text" value="192.168.12.40"/>
Outbound:	<input type="text" value="sip"/>
User:	<input type="text" value="100"/>
Password:	<input type="password" value="*****"/>
Timeout:	<input type="text" value="300s"/>
Voice Multicast:	<input type="text" value="224.0.0.1:50001"/>

At the bottom is a 'Submit' button.

VOIP page is used for setting up SIP.

SIP enable: switch to enable or disable SIP;

Proxy: fill server address and port, the format: sip:server address:port;

Realm: fill server address and port, the format: server address:port;

Outbound: if you don't have outbound server, leave it blank;

User & Password: account and password of SIP;

Timeout: maximum call duration;

Voice Multicast: fill voice gateway to receive voice broadcast.

4. Advanced

Streaming Media Solutions

Home
Networks
Accounts
VOIP
Advanced
WebCall
Software
License
Logout

Advanced Settings

Ex Phone:

Auto Pickup:

ONU Pass:

Deaf Mode:

Quick Call:

URL:

DTMF Unlock:

DTMF:

RTSP Feed:

Advanced page is used for setting up accessibility features.

Ex Phone: add other brand's IP Phone as SIP extension (4 devices supported);

Auto Pickup: pick up automatically when receiving a call;

ONU Pass: if using optical cable but not network cable in the building, it should be enabled;

Deaf Mode: enable this when Indoor Monitor connecting a lamp for ringing;

Quick Call & URL: call the corresponding URL by management-center button or icon;

DTMF Unlock & DTMF: enable sending DTMF command;

RTSP Feed: the video source of the Indoor Monitor when call another Indoor Monitors.

5. Others



Others page is used for reboot.

Reboot: click to reboot the device.

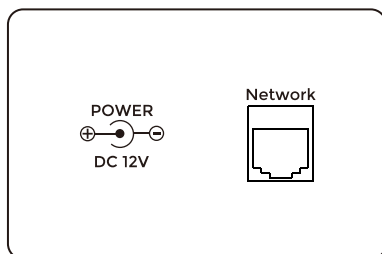
6. Logout



Logout page is used for signing off.

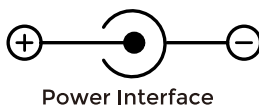
User Logout: click to logout the webpage. After that, you can use other accounts to login.

SYSTEM DIAGRAM



1. Power Interface

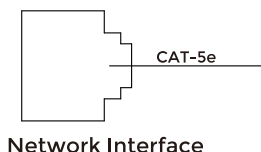
Power Input Interface of Master Station: connect with 12V DC power supply.



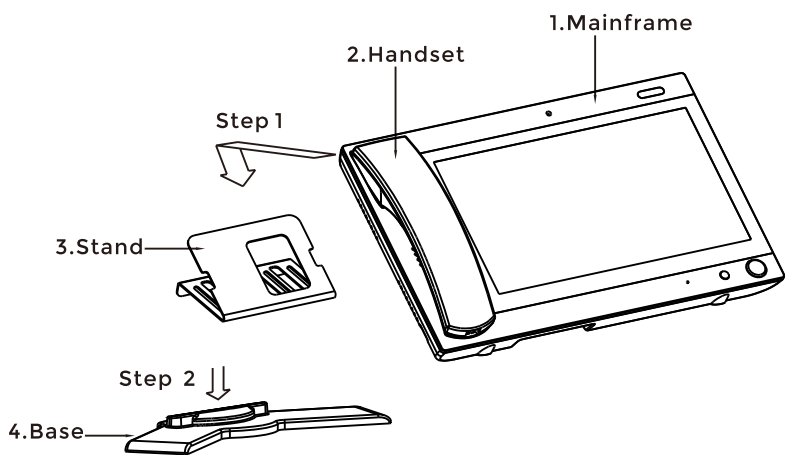
2. Network Interface

Connect to door station, indoor monitor or other network device through a switch.

With PoE function, PoE switch can be connected to supply power to master station.



INSTALLATION



Product size: 303x195x35mm
Installation: desktop installation

TROUBLESHOOTING

Some common failures and troubleshooting methods are listed for your reference. In case of failure that cannot be repaired, do not disassemble or repair the product by yourself. Please contact the after-sales service department.

The machine cannot be turned on or automatically shut down.

- Check if the power supply turns off and power it on again.
-

The screen is dim.

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

No voice from master station during the call.

- Check if master station is set to mute mode or if the volume is set to the minimum.
-

Master station cannot monitor door station.

- The system is in use by other users.
-

The multimedia file cannot play properly.

- Check whether the system supports the file format. Please refer to the multimedia settings.
-

The touch screen has slow response or is insensitive.

- Remove any protective film from the touch screen, which may affect the identification or input of the device.
 - Make sure your fingers are dry and clean when you touch the touch screen.
-

Device temperature is high.

- The high temperature is due to the long-term use of the equipment, which is normal and will not affect the service life or performance of the equipment.

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 sun or near the heat source, which 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 hand or unplug the power cord by pulling.
- Do not bend or damage the power cord.
- Do not touch the device with wet hand.
- 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 flopper or damage to the device.
- Please be careful when standing up from the area 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.
- When moving, please hand over the manual to new tenant for proper usage of the device.

 **EASY & SMART
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