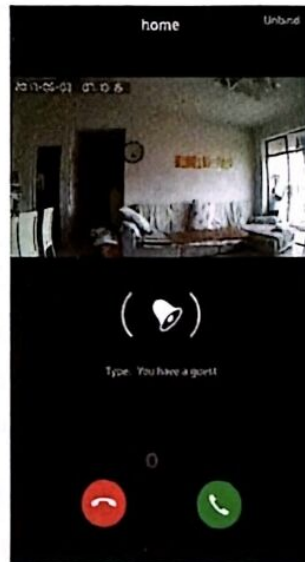


# Smart doorbell

## User manual



### 1 Introduction

The smart doorbell can be connected via WiFi or cat5e LAN Cable.

When the visitor presses the button on the doorbell, your smart device interacts with the doorbell:

- o via real time video and full duplex talk
- o take photo screenshots that save directly to your smart device and record videos that save directly to MicroSD card of doorbell
- o activates your indoor chime with preset melodies and volume control

Further features include unlocking and locking of gate or door via smart device whilst on a call, as well as RFID card access for 5 administrator users and more guest users.

### 2 Software App

The KBell app can be freely downloaded for Android and iOS operating systems.

APP's languages include Russian, German, Spanish, Japanese, Thai, Korean, French, Portuguese, Italian, Chinese Simplified, Chinese Traditional, English.

Window software's languages include Chinese, English, Thai, Korean.

A) Window software at <http://dl1.cloudlinks.cn:8765/dl/rar/CMS.zip>

B) Search "KBell" from APP store or Google Play Store according to phone system

C) Scan QR code to download and install



KBell



iOS



Google Play



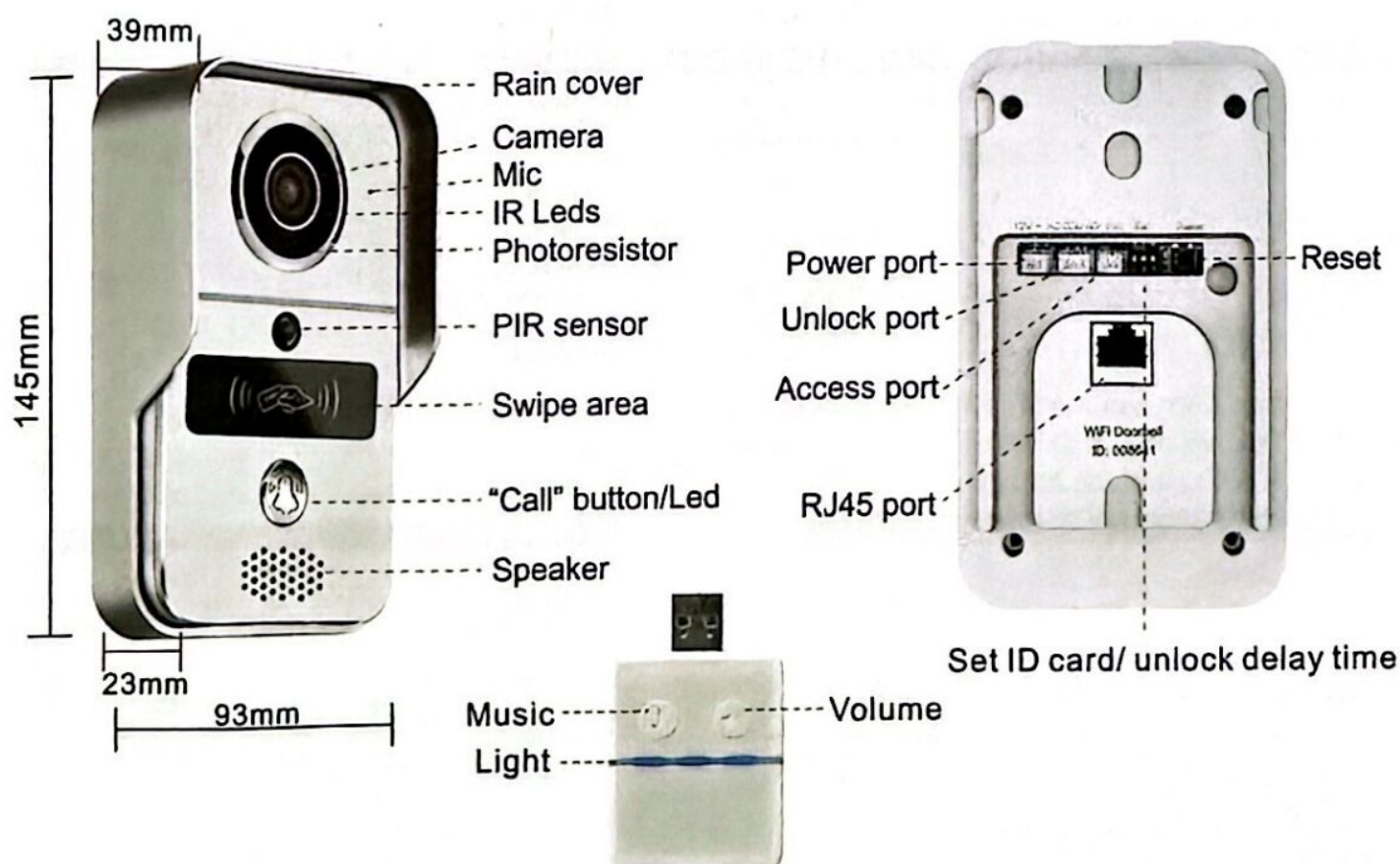
360



### 3 Technical Specifications

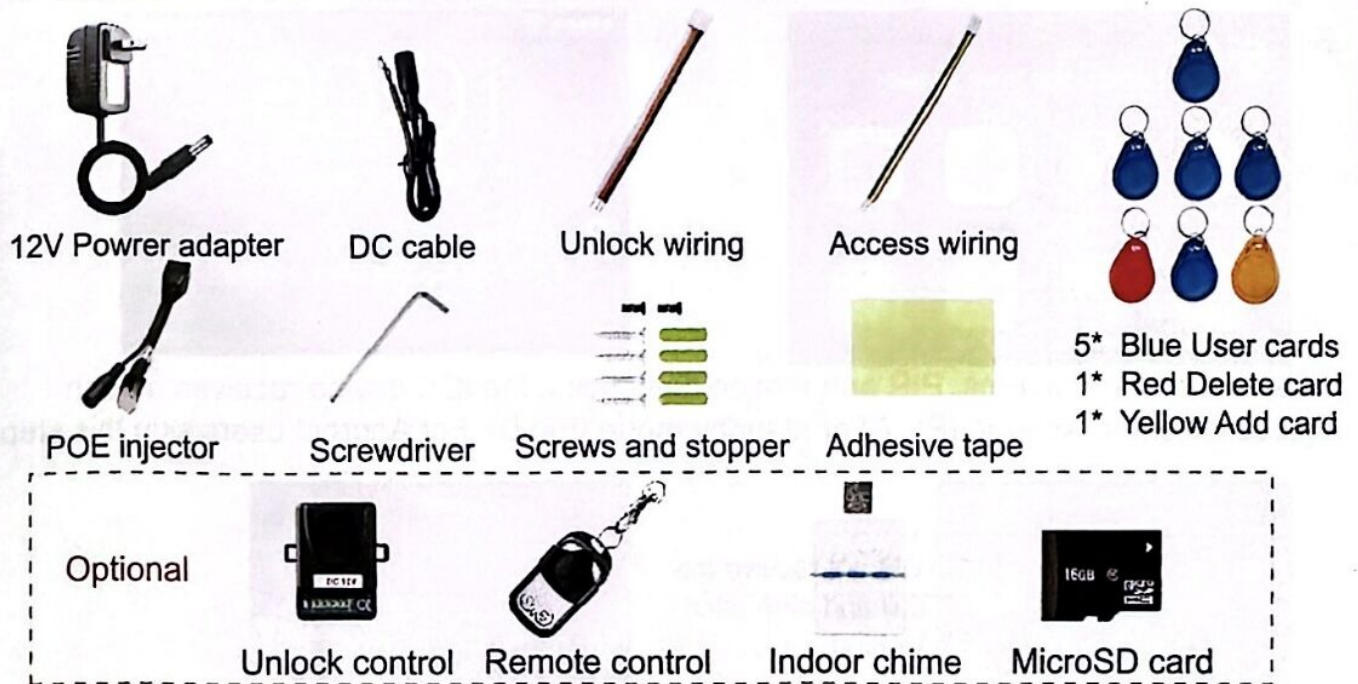
Server	P2P transmission, adaptive network
Network	WiFi 802.11 b/g/n/ac or directly connected to a wired network
Audio	G.711A compression mode
Talk	3Dvoice speech engine technology, Full duplex talk
Video format	H.264
Record mode	Manual, Record alarm, Record timer
External Memory	Micro SD card without limiting capacity
Camera	1 megapixels
Camera Lens	2.5mm, 130 degree wide-angle
Night vision	IR CUT no color deviation, B/W night vision within 5meters
Frame rate	25 Frame HD(1280*720), SD(640*360), LD(320*180)
Alarm	Motion detection, PIR alarm, Tamper alarm
Push	Push message to smart phone, send pic to the setting mail
Data interface	TCP/IP, UDP, SMTP, DHCP, UPnP, Onvif connect NVR
Power adapter	DC9~16V 1A or POE, power by connect POE injector
Waterproof level	IP44
Temp/humidity	-20~55°C 10-95% RH
Weight	G.W.: 650g

### 4 Smart Doorbell Technical Parts





## 5 Smart Doorbell Accessories



## 6 Network Connection and Power Supply

The smart doorbell can be powered and connected to the network in 3 ways, depending on location of power source and strength of internet connection.

We would recommend that the LAN cable configuration is used if WiFi is not strong enough, ie the distance between the doorbell and the router is greater than 10 meters.

### Configuration 1

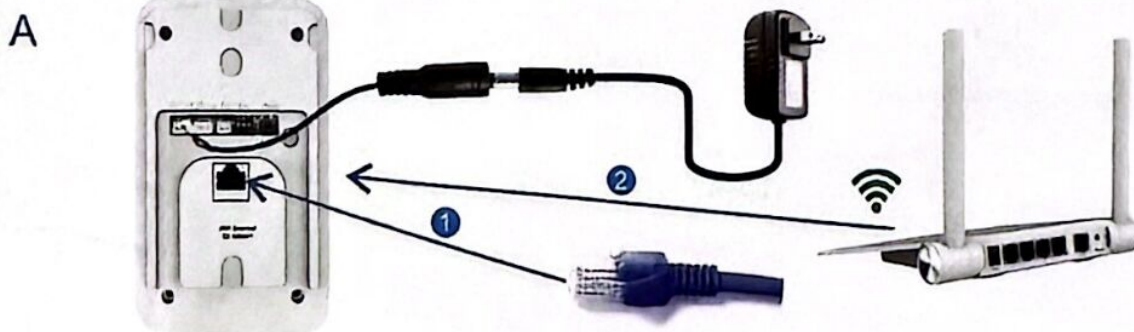
**Power:** Connect DC cable to doorbell and then to the power adaptor and then to mains.

**Internet:** The doorbell can be connected either via LAN Cable or WiFi. See pic A

### Configuration 2

**Power:** Connect the doorbell to existing 12V wiring on alarm system. We recommend this to be installed by a qualified electrician if this option is to be used.

**Internet:** The doorbell can be connected either via LAN Cable or WiFi. Pic A the same except that power cable goes to ALARM



### Configuration 3

**Power:** Connect the doorbell via LAN Cable (cable not supplied) at RJ45 port to POE injector and into Router.

**Internet:** The doorbell can only be connected via LAN Cable if using this configuration.

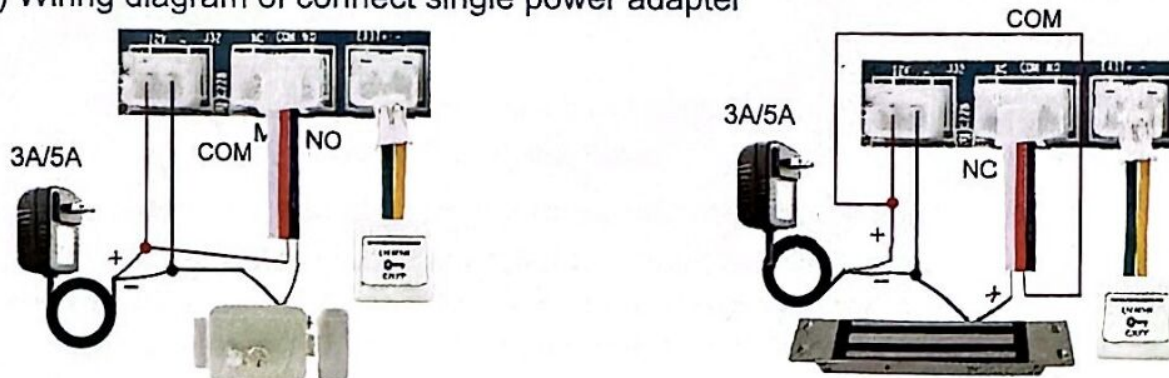




## 7 Unlock module settings

Please check the specification of electric current (3A or 5A) for existing electronic lock and access control, as the power charger supplied is for 1A/12V supply.

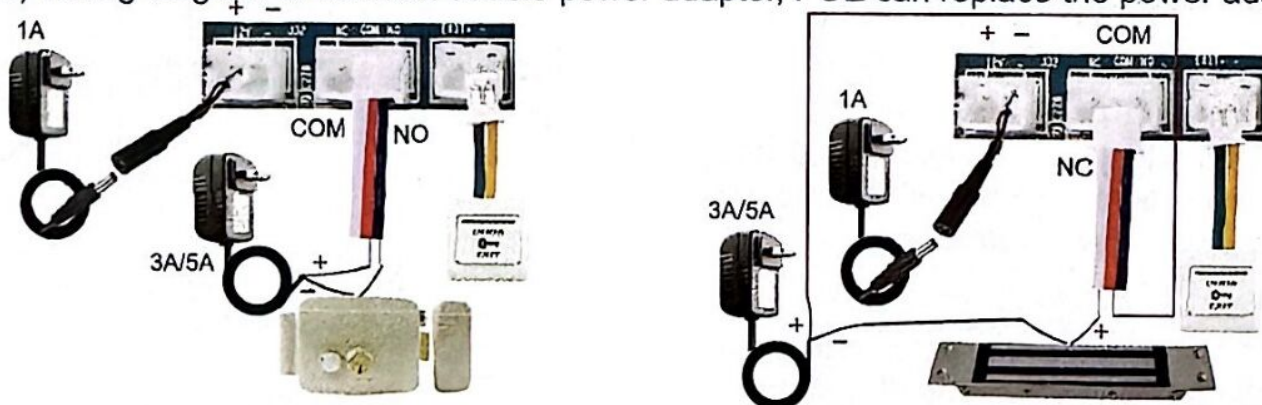
### A) Wiring diagram of connect single power adapter



Power on wiring diagram

Power off wiring diagram

### B) Wiring diagram of connect double power adapter, POE can replace the power adapter



Power on wiring diagram

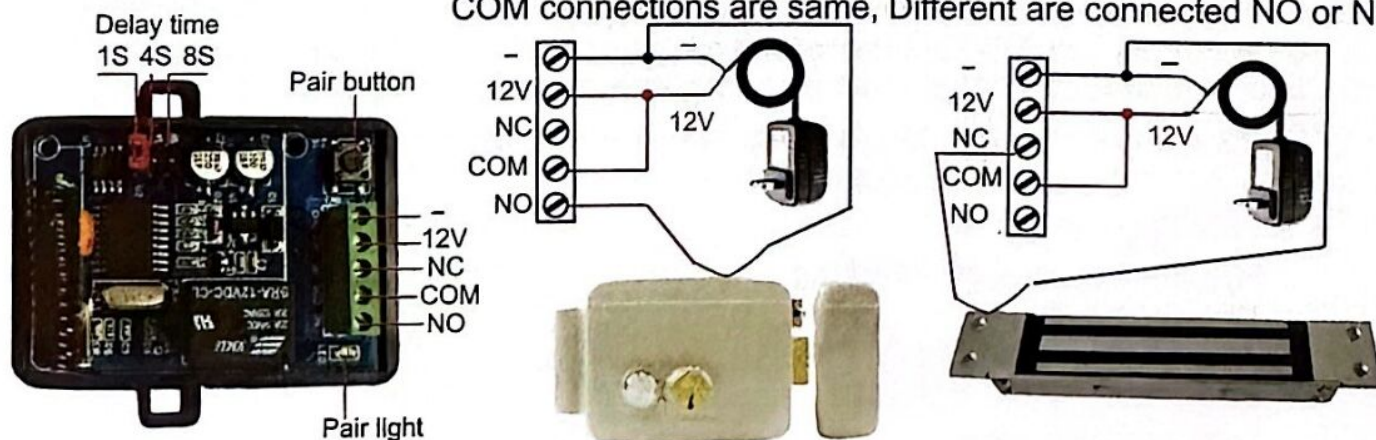
Power off wiring diagram



Position				
Delay time	1S	4S	8S	16S

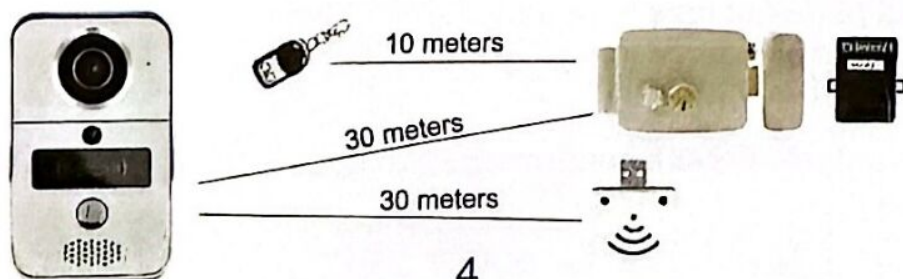
### C) Wiring diagram if connect unlock controller (optional)

COM connections are same, Different are connected NO or NC.



Power on wiring diagram

Power off wiring diagram





## 8 Pairing of Devices

### a) Pair indoor chime with smart doorbell

Ensure that indoor chime is connected to power, either in USB port or with USB adaptor through mains. Ensure that the Smart doorbell is powered and connected to router. Press the "volume" button of indoor chime and release until light goes out, then press the "call" button of doorbell, the light of the indoor chime will flash once, then press the "call" button of the doorbell again, and the indoor chime will flash several times. This means that the pairing is successful.

To unpair, press the "volume" button on the indoor chime for longer than 3 seconds for the light to go out.

### b) Pair unlock control with smart doorbell

Ensure that both the unlock control and doorbell are connected to power and router. Press the "call" button of the doorbell, and then the smart device will run a call as normal with the app. Open the call in the app and enter talk state. Press the "pair" button on the unlock control and the "unlock" button on the app on your smart device. The pair light will flash, then press the "pair" button again on the unlock control and the light will stop flashing, then press the "unlock" button in the app again and the light will flash several times. This means that the pairing is successful.

To unpair, press the "pair" button on the unlock control for longer than 3 seconds for the light to go out.

### c) Pair remote control with unlock control

Ensure that the unlock control is connected to power and doorbell.

Press the "pair" button on the unlock control, and the "pair" light will flash one time, then press the "unlock" button on the remote control, and the "pair" light will flash continuously then press the "pair" button on the unlock control and the light stops flashing, then press the "unlock" button on the remote control and the pair light will flash several times. This means that the pairing is successful.

## 9 RFID Card Settings

### a) Setting the Management Card

The smart doorbell is supplied with 1x yellow add card, 1x red delete card and 5x blue user cards.

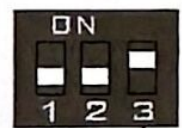
Ensure that the 3 switches are all set to off (bottom position).

Then turn off power of Smart doorbell by removing power and if applicable LAN cable, and set the position 3 switch to ON and then turn power of doorbell on again.

You are now in management mode and the red and blue light will illuminate on RFID front panel. Swipe the yellow add card and then the doorbell will beep to confirm. Then swipe the red delete card and the doorbell will beep and then the light will go off.



Default



Setting

### b) Add users and remove users

Turn the power to the doorbell off, by removing power and LAN cable if applicable, and reset the switches to default (all 3 switches to off/bottom). Connect the doorbell power on again.

Swipe yellow add card, and then light will illuminate and beep. Then swipe blue user card to activate, then light will illuminate and beep to confirm.

To remove the user, swipe the red delete card, followed by the applicable blue user card.

Troubleshooting:

- o Note that you cannot delete a user card if the card has not been added or deleted already
- o Likewise you cannot add a user card, if the card has been added already to another RFID access point.
- o If you hear 3 beeps, then there is either an issue with the card or a mistake in the operation

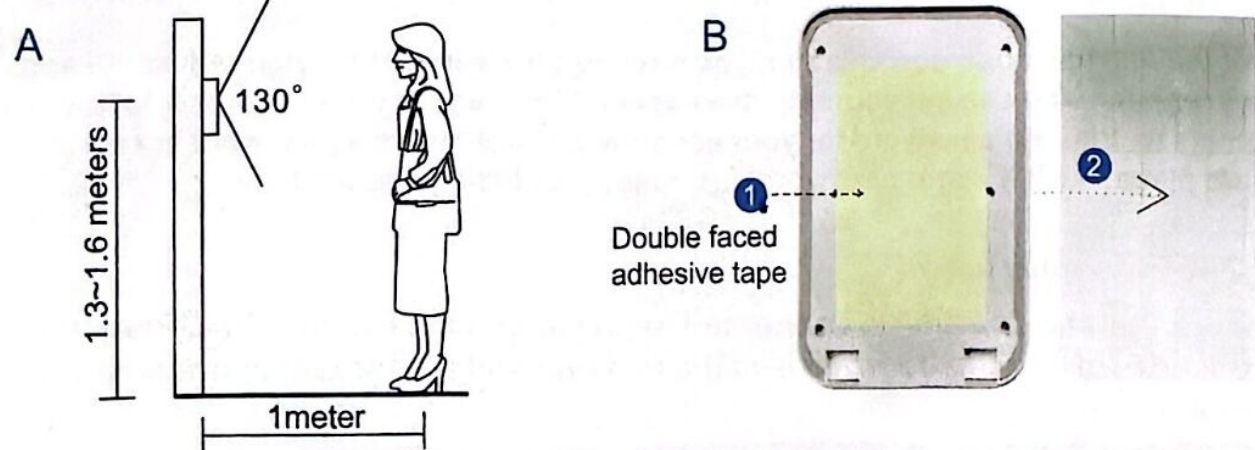


**x**

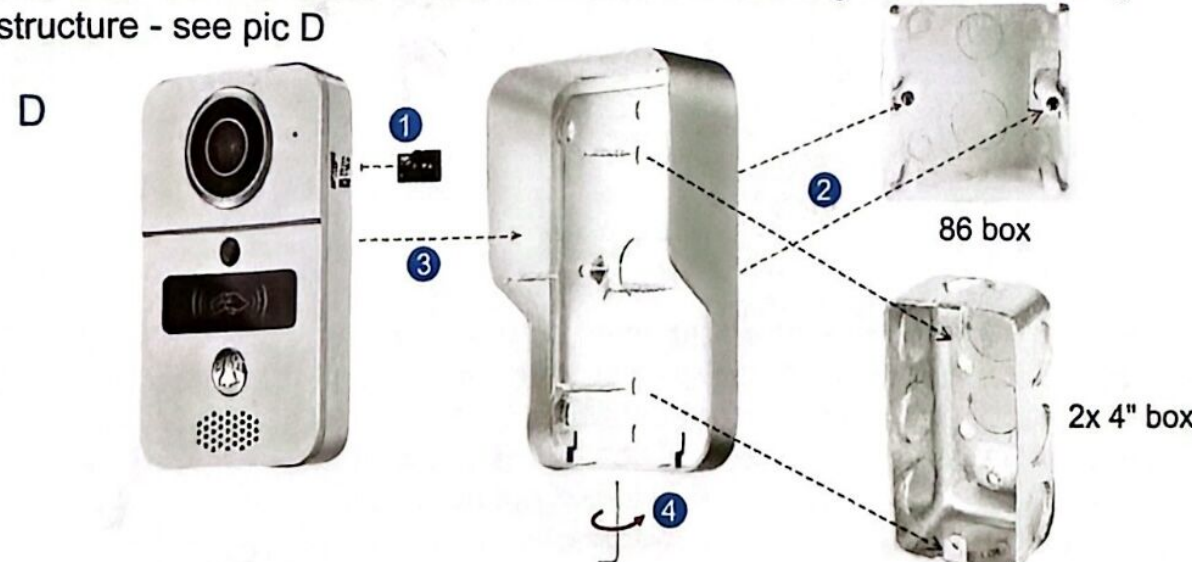
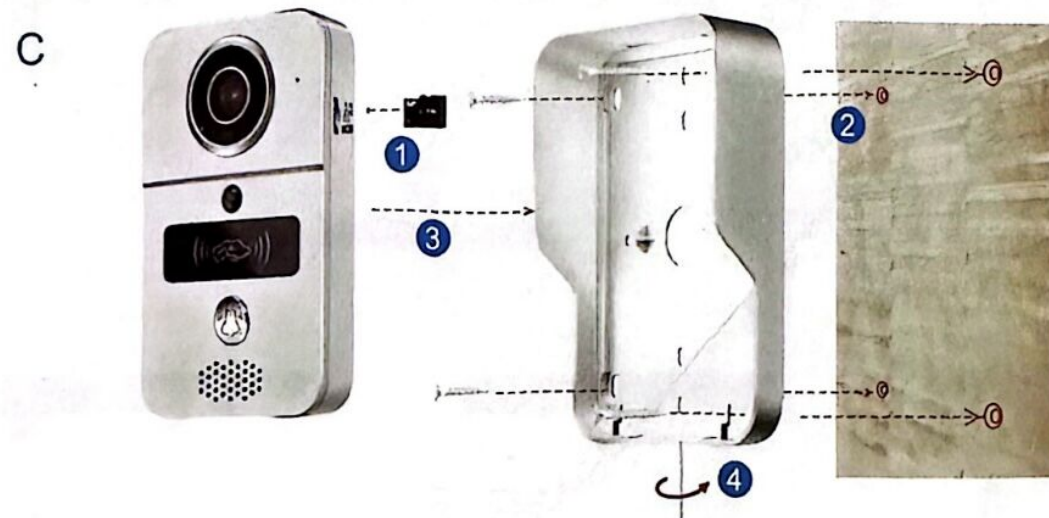
cures

2

e is



c C.





# 11 Adding the doorbell to your Smart Device

## 11.1 Register & Login

Login	Register via email	Retrieve password
<div>+86 China</div> <div>Enter a phone number or email address</div> <div>Enter a password</div> <div><input checked="" type="checkbox"/> Remember password</div> <div>Login</div> <div>Register Forget password?</div>	<div>Email address</div> <div>Enter a new password</div> <div>Enter again</div> <div>Register</div>	<div>Email address</div> <div>Next</div>

After the app has been downloaded, you need to create a user for yourself on the app. Click register. You can set yourself up as user either via your email address, follow prompts to create a password for your account. Ensure that this password is kept in a safe place. Click "Forget password?" to reset your login password

## 11.2 Add doorbell to APP

Ensure that the doorbell is connected to power and the router's DHCP function is on, ensure that the doorbell is in the housing and the tamper alarm screw is in place.

Device list	Access mode	Connect to WiFi	Device information		
<div>It is to add</div> <div>Add new device</div> <div>Add online device</div> <div>Scan the QR Code to add TVR</div> <div>Device Messages Images My</div>	<div>Choose one appropriate connection mode</div> <div>Smartlink Wired connection AP connection</div> <div>Smartlink is recommended for indoor model</div> <div>Wired connection is recommended for outdoor model</div>	<div>Device needs WiFi to connect</div> <div>Not support 5G WiFi Wi-Fi SSID</div> <div>Enter your WiFi password</div> <div>Does this device have any requirements for WiFi?</div> <div>Next</div>	<div>Set device nickname</div> <div>Enter device password</div> <div>Enter device password again</div> <div>Create a device password in 6-30 bits comprising letters and numbers</div>		
A	B	C	D		
<div>Device list</div> <div>Discover new device</div> <div>It is still blank. Click the upper right "+" to add device. Hurry up</div> <div>Device Messages Images My</div>	<div>New device list</div> <div>ID IP address</div> <div>There is no device I want to add?</div>	<div>Device information</div> <div>ID: xxxxxxxx</div> <div>Name the device</div> <div>Enter the device password</div>	E	F	G

Note:

Pic D means the device that was added from for the first time.

Pic E has text "Discover new device" means that the doorbell that has connected WiFi and had device password or connected via LAN.

Pic G means the device that has device password and added by other smart device already. You need to enter the device password to add.

You must press the "Reset" button of doorbell to reset device if you do not know the password.



### a) WiFi connection

To connect your doorbell via WiFi network, select **Smartlink** - see Pic B, the app will identify the WiFi SSID connection--see Pic C. Enter the password for your WiFi network, then prompts to add the doorbell.

Note that the doorbell is not far away from your router, ideally the distance between the router and doorbell should be within 10 meters, take into consideration concrete walls and other metal obstructions.

Ensure that the doorbell has not device password yet.

### b)Wired connection

To connect your doorbell to your router via LAN connection, connect the LAN cable into the RJ45 port and into your router port.

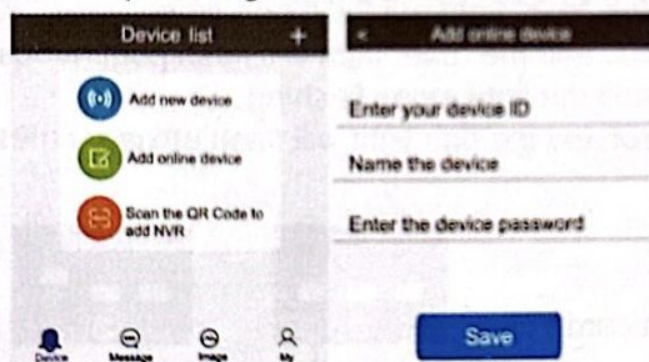
App will display iDiscover 1 new Device in the same LAN after refresh the device list--see Pic A or click Smart connection then

select iUse wired connection - see Pic B.

Device ID will be identified on Pic D or Pic G. You will also see the number on the back of the doorbell. Enter a doorbell name, which will be your nickname to identify your device if installing multiple devices, even if at various locations.

Enter a password for your device, and ensure that this is in a safe place. Your device ID and your password are extremely important, as you will need this to create additional users to access your doorbell.

### c) Adding online doorbell



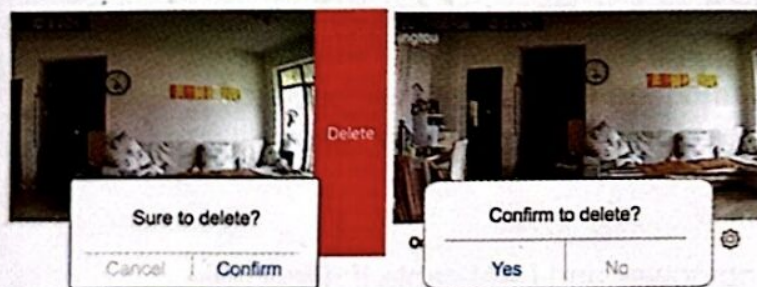
Provided that you have the device ID and device password, you are able to add the doorbell to your app remotely.

Select Addonline device on Pic A and enter details - see Pic B

A

B

## 11.3 Removing doorbell



A

B

To remove the doorbell from android app, you can long press image of device in app and confirm delete.

Slide right image of device in iOS app to display **Delete** and confirm delete.

iOS: see Pic A

Android: see Pic B

## 12 APP menu

### 1 Device Tab

by clicking this icon you will view the video files for the day and earlier

Note that the doorbell is only active if status is online. If doorbell is offline, it is because either the doorbell is not connected to power or there is not network connection between doorbell and your router.

click this to edit your doorbell name

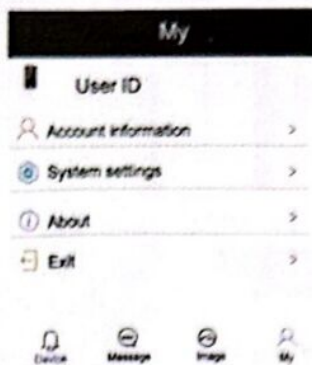


## 2 ☹ Message Tab

The message tab lists the time and date of visitor calls and alarms, with the most recent appearing on the top of the log.

## 3 ☹ Image Tab: To view and save captured photos.

## 4. 👤 My Tab



**Account information:** User can bind email, Phone, modify login password, logout.

**System settings:** Set alarm ring or to vibrate, Automatic start.

**About:** APP description and current version information

**Exit:** will not receive alarm and call if exit APP, Note the app has to be login the background all the time to operate properly.

**iOS APP without settings:** System settings, Exit

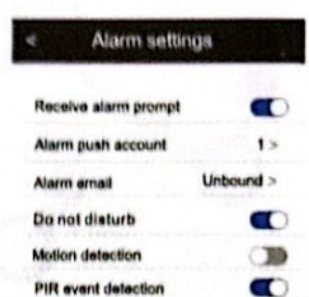
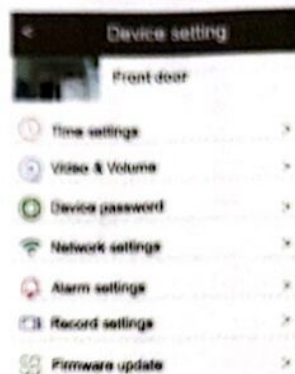
Click ⚙ enter "Device settings"

### - Time settings:

Ensure that the time and date is set to correct time zone to give you accurate and real time information.

### - Video & Volume:

PAL or NTSC are selected, The volume can be adjusted and send to smart device



- **Device password:** A guest password can be generated. Guests can monitor, take photos, but can not unlock, setting and playback.

- **Network settings:** Changing the network of your router.

- **Alarm settings:**

o This is enabled by default. If this is disabled, then user will not receive call from visitor, monitor or PIR alarm

o Alarm account: one device connect up to 5 administrator uses which are listed

o Do not disturb: Disable the interface of answer.

o Motion detection: this enables or disables the motion detection

o PIR event detection: this is enabled by default, which PIR detects within 3 meters of doorbell

### - Record settings:

There are 2 modes of recording.

#### o Record alarm

Alarm to be activated on PIR detection, motion detection, tamper alarm, call.

#### o Record timer

Choose a period of time to record  
All video files are saved in the SD card in 720P resolution.

☒ Record alarm

☐ Record timer

Record time

☒ 1 ☐ 2 ☐ 3

SD card capacity: 7572M

Remainder capacity: 7400M

Format SD card >

☐ Record alarm

☒ Record timer

Schedule

Hour	Min	Hour	Min
------	-----	------	-----

0	0	0	0
---	---	---	---

1	1	1	1
---	---	---	---

Save 00:00-24:00

- **Firmware update:** Please confirm whether update if there is new firmware

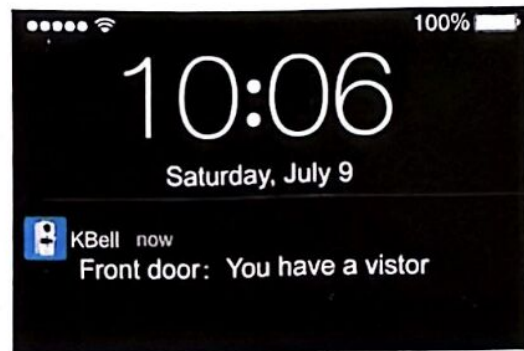


# 13 Push Notification

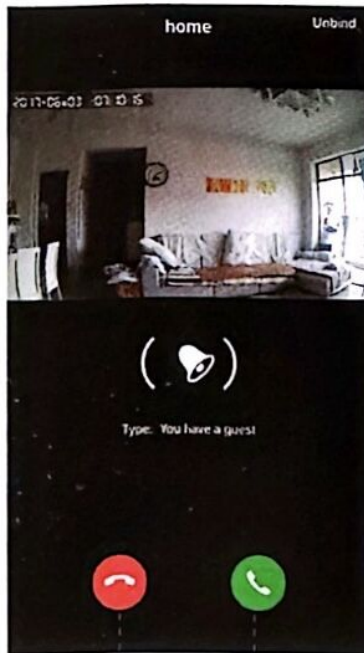
A



B



When visitor calls, alarms, PIR and motion detections, the iOS device receives a push notification when working (Pic A) or standby mode (Pic B). For Android users skip this step.



Hang up Answer

Will not receive the call and alarm after Unbind



Sound/Mute

Switch to full screen

Unlock

Record

Screenshot

Full duplex talk



HD= High definition

SD= Standard definition

LD= Fluent

Sound/Mute Talk Screenshot Record

Unlock

Back

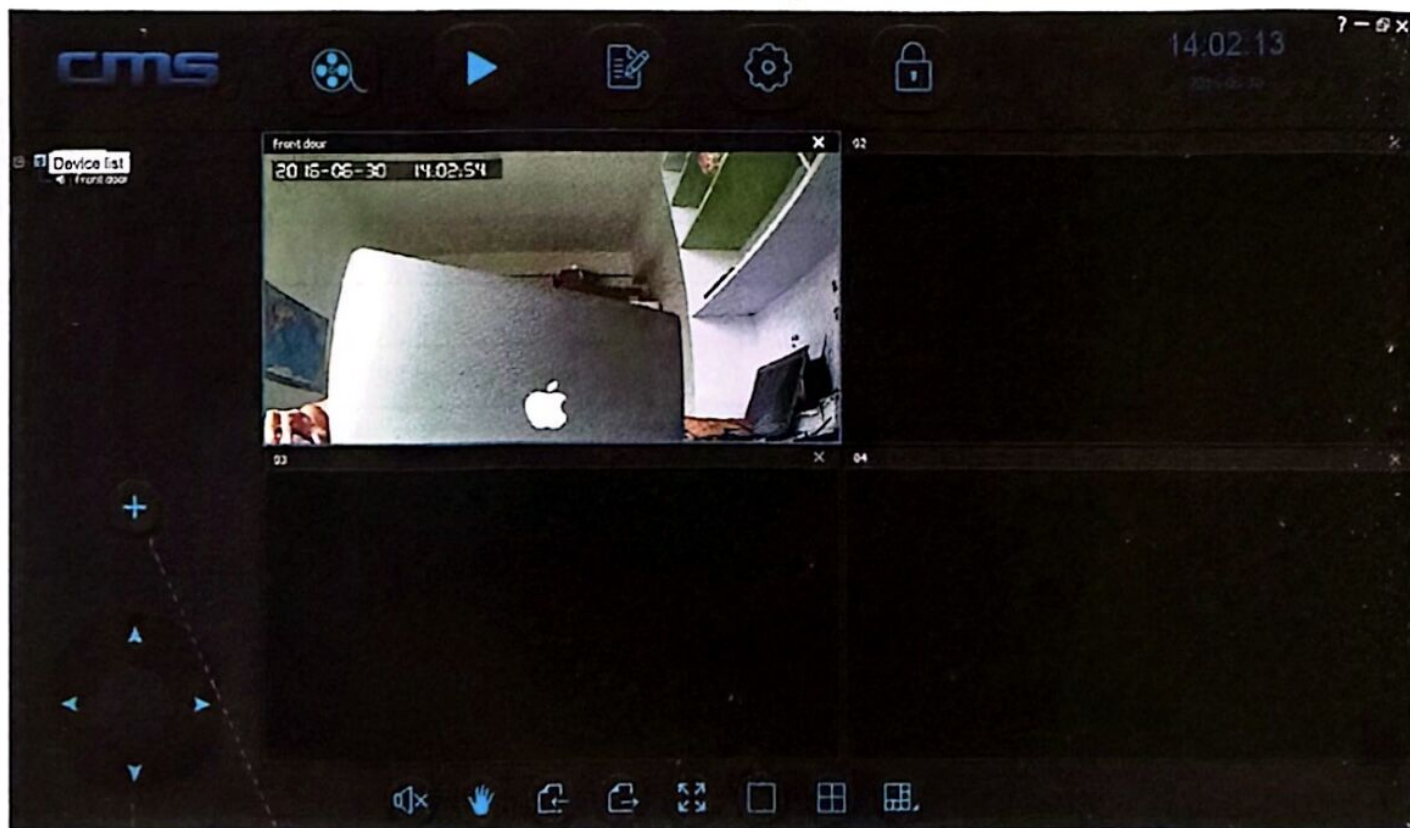


## 14 Windows client introduction

Windows Client CMS default account is admin, password is blank, supports up to 49 devices. Onvif connects NVR can be realized a large recording.

Windows software can snapshot, monitoring anywhere, record to the computer, view the recording file of Micro SD. and convert the recording file to mp4 format.

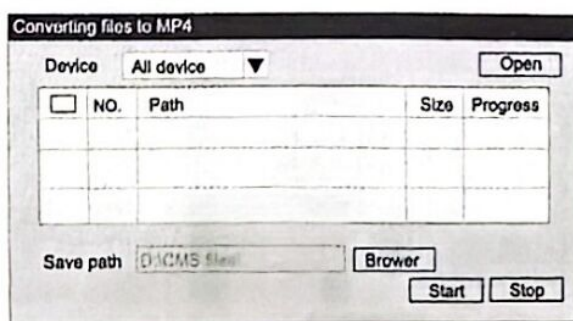
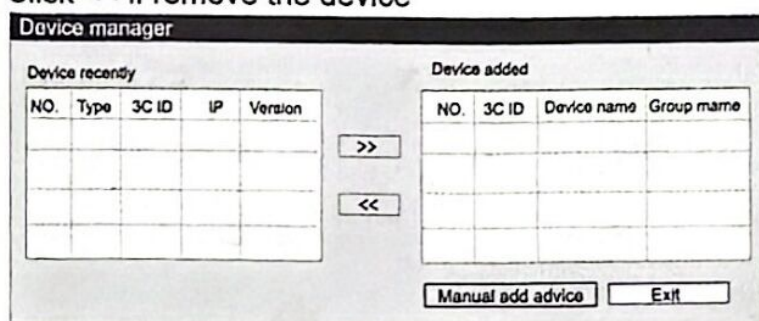
Preview Playback Log Settings Lock screen



Ignore Add device Mute Last/Next Page Multiple windows Full screen

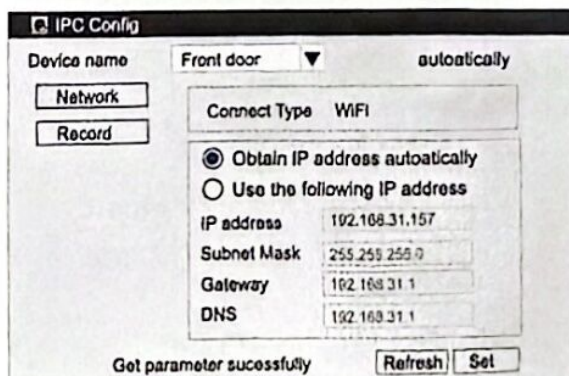
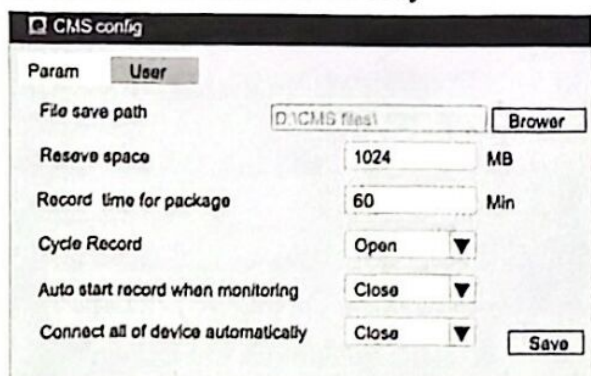
Click "Manual add device" to add device if can not find devices automatically, input device information to add. Click << if remove the device

Click ▶, click ⇄ convert the av files to mp4 files;



Enter settings user can modify the save path of video, whether cycle record, auto start record when monitoring, connect all devices automatically

Right-click on the selected device, user can change clarity of video recording, know about the network configuration





## 15 Troubleshooting

1 Q Doorbell cannot connect to WiFi

A 1 Confirm WiFi password is correct 2 Doesn't support 5G WiFi

2 Q When adding a device, APP don't prompts have new device

A Please check doorbell and smart phone whether within same LAN, please manual to add if it's not same LAN.

3 Q Forget the device password for the smart doorbell

A Remove the rain cover after hearing the alarm sound do not bother the sound, hold down the reset switch until the end of the alarm sound, then release the switch installed on the rain cover, wait about 1 minute to hear di.di. beep reset succeeds.

4 Q Doorbell show offline

A Confirm connects network cable or WiFi successful

5 Q MicroSD card can't recording and covering?

A 1 Check MicroSD card or has damaged

2 please check search the time of video files, system time of doorbell

6 Q The difference between user ID and doorbell ID

A User ID is registered generated, Doorbell ID is its own identification number

7 Q The difference between user password and doorbell password

A User password is registered setting, Doorbell password for APP connect the doorbell to setting

9 Q After visitor calls, Android only shock without ringing?

A No. Touch **My** to select ring settings and change alarm ring

10 Q Can't receive visitor calls

A 1 User ID is not in the alarm account

2 Make sure Android APP in the background and connects WiFi or 3G/4G

3 Push messages to iOS, touch it will enter above interface

4 Receive alarm must be enable.

11 Q How to delete the others alarm push account?

A **Device setting->Alarm settings->Alarm push account**, in front of alarm account have delete icon to deleted, then phone can't receive push messages

11 Q Alarm email password is the email password?

A No. Input App Password. For example gmail mailbox, An App password is a 16-digit passcode that gives an app or device permission to access your Google Account. If you use 2-Step-Verification and are seeing a "password incorrect" error when trying to access your Google Account, an App password may solve the problem. Note: If you have iOS 8.3 on your iPhone, you will no longer have to use App passwords to use 2-Step Verification.

How to generate an App password

1 Visit your App passwords page. You may be asked to sign in to your Gmail Account.

2 At the bottom, click **Select app** and choose the app you're using.

3 Click **Select device** and choose the device you're using.

4 Select **Generate**.

5 Follow the instructions to enter the App password.

Note: You may not be able to create an App password for less secure apps. Learn more about allowing less secure apps. Pls check your mail help input App password.