

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 photos 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

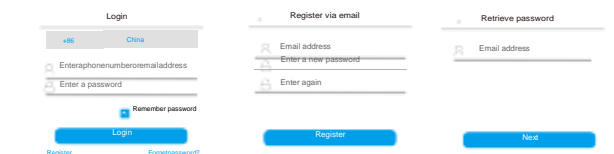
The KBell app can be freely downloaded for Android and iOS operating systems. APP's languages include Russian, German, Spanish, Japanese, Thai, Korean, French, Portuguese, Italian, Chinese Simplified, Chinese Traditional, English, Polish. Window software's languages include Chinese, English, Thai, Korean.

- Window software at <http://dl1.cloudlinks.cn:8765/dl/rar/CMS.zip>
- Search "KBell" from APP store or Google Play Store according to phonesystem
- Scan QR code to download android install



11 Adding the doorbell to your Smart Device

11.1 Register & Login



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

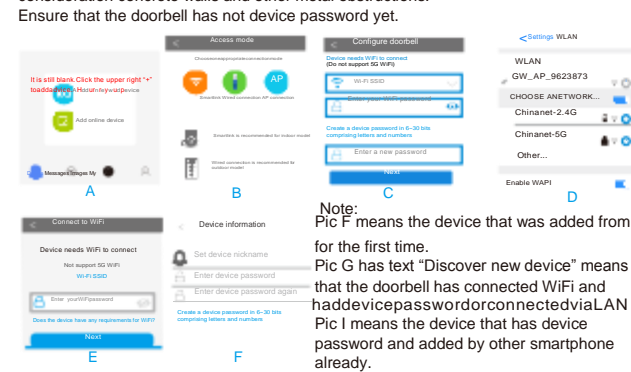
11.2 Add doorbell to APP

1 WiFi connection
Ensure that the doorbell is connected to power and the router's DHCP is on. WiFi connection include smartlink and AP connection. AP connection is recommended. AP connection -- see Pic B.

Select AP connection--enter the WiFi password--create device password then click "next" --iOS APP will click "Go to set WIFI" --select hotspot GW_AP_XXX that no password--Wait less than 10 seconds to connect, refresh the APP after device restart about 30 seconds.

Smartlink - see Pic B. (it might be failing to connect when adding via this way due to the restriction of certain routers, it fails, pls try to connect with AP connection)

Select smart link--enter your WiFi password--see Pic C, then prompts to add the doorbell --connected WiFi successfully--set your device password--save & add successfully. 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.

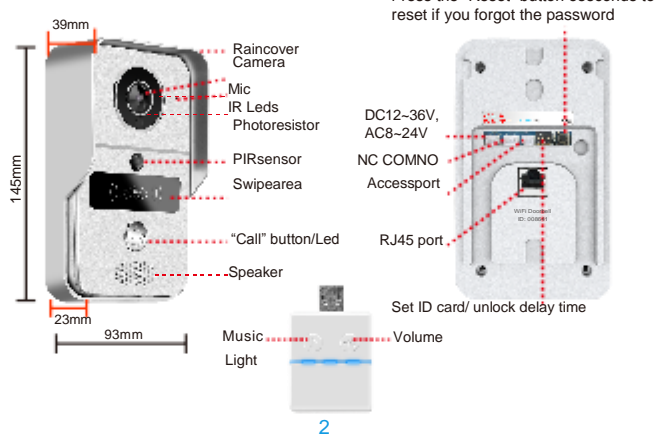


Note:
Pic F means the device that was added first for the first time.
Pic G has text "Discover new device" means that the doorbell has connected WiFi and had device password or connected via LAN
Pic I means the device that has device password and added by other smartphone already.

3 Technical Specifications

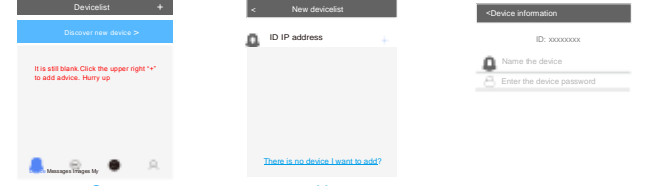
Server	P2P transmission, adaptive network
Network	WiFi 802.11 b/g/n/ac or directly connected to a wired network
Audio	G.711A compression mode
Talk	Full duplex talk
Video format	H.264
Record mode	Manual, Record alarm, Record timer
External Memory	Micro SD card without limiting capacity
Camera	1 megapixels
Camera Lens	1.8mm, 150 Horizontal angle
Night vision	IR CUT no color deviation, BW night vision within 3meters
Frame rate	25 Frame HD(1280*720), SD(640*360)
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	DC12-36V, AC 9-24V 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



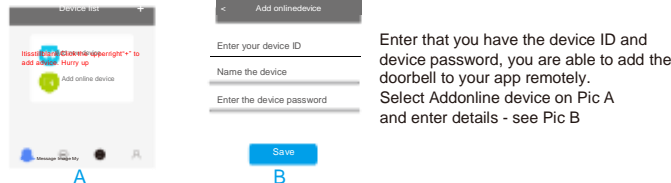
2 Wired connection

Connect the LAN cable into the RJ45 port and into your router port. App will display "Discover New Device" if in the same LAN after refresh the device list-- See Pic E, Click "Add new device" to add doorbell to APP. or Select "Wired connection"-- See Pic B. --select the device-- Enter nickname which identify your device if installing multiple devices, even if at various locations --> Enter device password--> save.

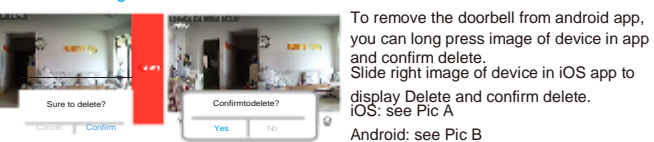


Device password are extremely important, as you will need this to create additional users to access your doorbell. Other users if using the way 2 in the same LAN, using the way 3 below if not in the same LAN.

3 Add the online doorbell remotely



11.3 Removing doorbell



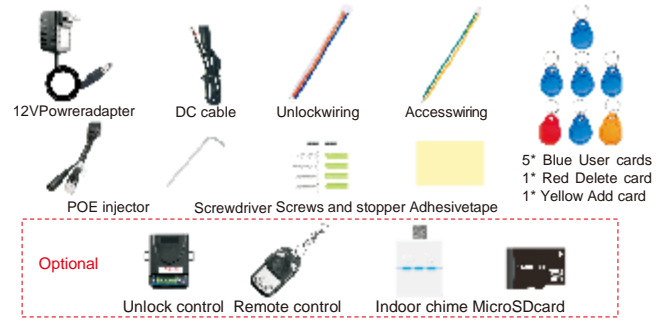
12 APP menu

1 DeviceTab

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

5 Smart Doorbell Accessories



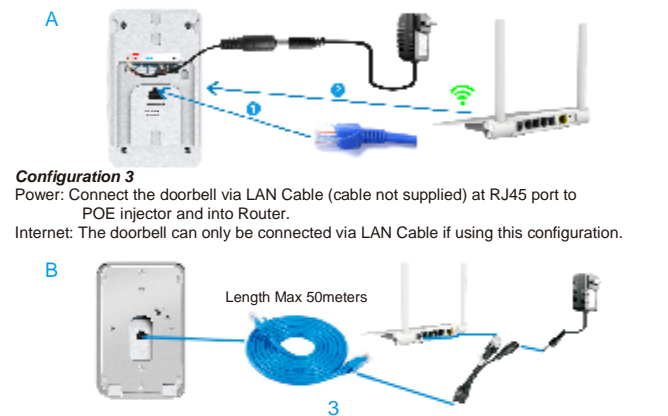
6 Network Connection and Power Supply

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, i.e. 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.

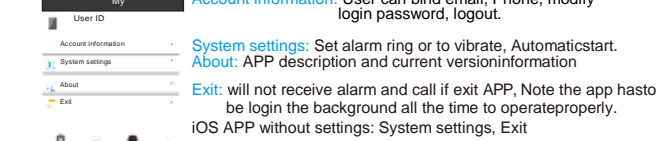


2 MessageTab

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 MyTab



Click "enter "Devicesettings"

- **Timesettings:** 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.
- **Alarmsettings:**
 - 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 PIR event detection: this is enabled by default, which PIR detects within 3 meters of doorbell
 - o Motion detection: this enables or disables the motion detection
 - o Do not disturb: Disable the interface answers.

- **Record settings:** There are 2 modes of recording.
 - o Record alarm
 - o 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.

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

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

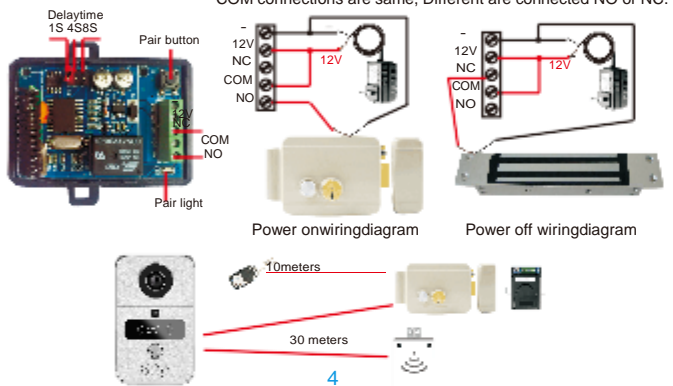


B) Wiring diagram of connect double power adapter, POE can replace the power adapter

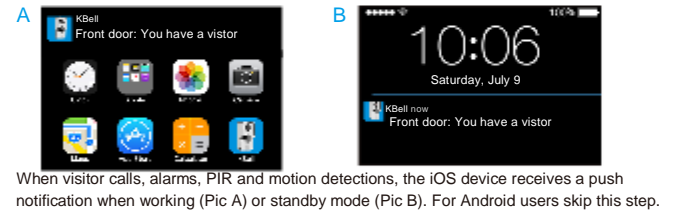


Position	COM	NO	NC	
Delay time	1S	4S	8S	16S

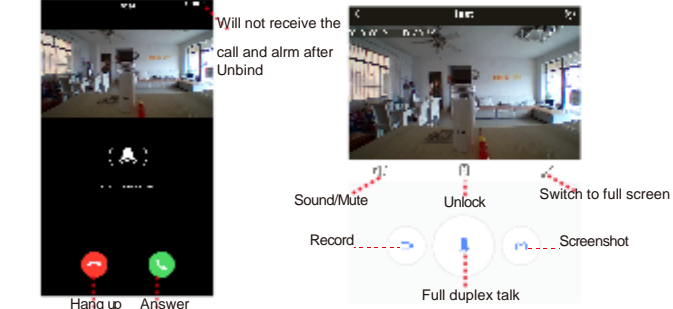
C) Wiring diagram if connect unlock controller (optional)



13 Push Notification



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.



HD= High definition
SD= Standard definition
LD=Fluent

8 Pairing of Devices

a) Pair indoor chime with smartdoorbell
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 smartdoorbell
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.

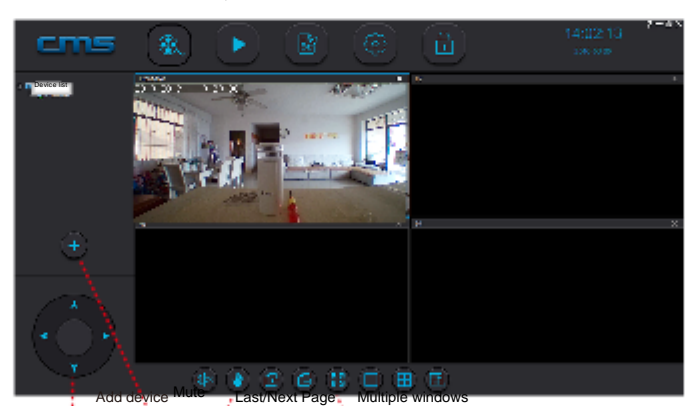
9 RFID Card Settings
a) Setting the Management Card
The smart doorbell is supplied with 1x yellow add card, 1x red delete card and 1x blue user cards. Ensure that the 3 switches are all set to off (bottom position). Then turn off power of Smart doorbell by removing power and if applicable LAN cable, 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.

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.

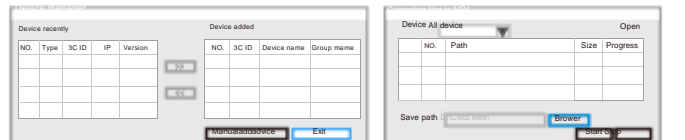
- Troubleshooting:
- o Note that you cannot delete a user card if the card has not been added or deleted already
 - o Likewise you cannot add a user card, if the card has been added already to another RFID access point.
 - o If you hear 3 beeps, then there is either an issue with the card or a mistake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

14 Windows client introduction

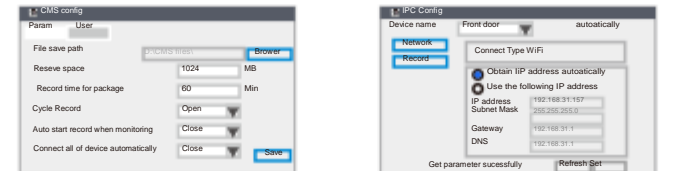
Windows Client CMS default account is admin, password is blank, supports up to 49 devices. Onvif connects NVR can be realized a large recording. Windows software can snapshot, monitoring anywhere, record to the computer, view the recording file of Micro SD, and convert the recording file to mp4 format.



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



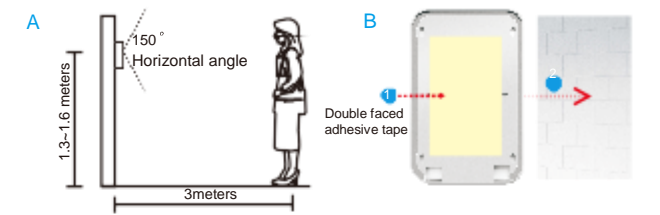
Enter settings user can modify the save path of video, whether cycle record, auto start record when monitoring, connect all devices automatically



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

10 Installation of Smart Doorbell

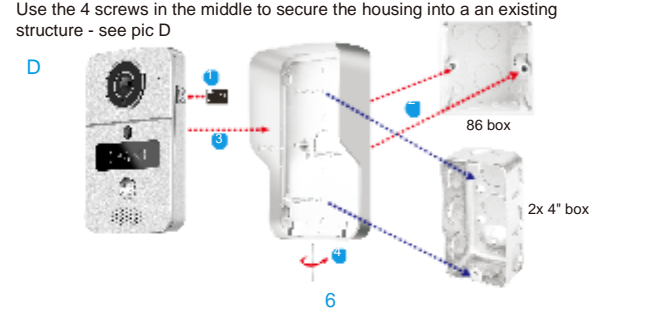
We recommend that you carefully consider the permanent location of your Smart Doorbell, avoiding direct sunlight as well as wind and rain. Furthermore, the ideal height is between 1.3m and 1.6 m. -See pic A The doorbell is supplied with 4x screws and plugs, double sided tape and 2x small tamper alarm screws. Note that the doorbell will not work unless the small tamper alarm screw secures your doorbell into the housing. We have supplied an extra one in case you lose it. See pic C - arrow 4 for location of screw to attach doorbell to housing. Should you not be able to use screws into walls or panels, double sided tape is applied to the housing. See pic B



Use the 4 screws in the four corners of the housing to attach to wall - see pic C.



Use the 4 screws in the middle to secure the housing into an existing structure - see pic D



15 Troubleshooting

- Q Doorbell cannot connect to WiFi**
A 1 Confirm WiFi password is correct 2 Doesn't support 5G WiFi
- 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.
- 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.
- Q Doorbell show offline**
A Confirm connects network cable or WiFi successfully
- 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
- Q The difference between user ID and doorbell ID**
A User ID is registered generated, Doorbell ID is its own identification number
- Q The difference between user password and doorbell password**
A User password is registered setting, Doorbell password for APP connect the doorbell to setting
- Q After visitor calls, Android only shock withoutringing?**
A No. Touch My to select ring settings and change alarming
- 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.
- 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
- 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.