User's Manual

Wi-Fi Smart Doorbell

ZJ008

Note: Software and hardware upgrades or parameter may change without notice.

1: Product introduction

This smart wireless wifi doorbell uses P2P technology, which can connect to a wireless network or connect to router by network cable. It supports smart phone and tablet PC(Android and IOS systems). When visitors press the doorbell, you can perform real-time video and talk, unlock, take photographs, record video, etc functions by APP.

It has PIR alarm, tamper alarm, day and night surveillance, record video store in TF card, indoor doorbell ringing, and remote unlock, etc functions.

2: Features
- Support IE EE 802.11b/g/n wireless and wired network standard
- Support mobile phones and tablet PCs with android and Apple system
- Support 32G TF card
- HD 1 Mega Pixels CMOS image sensor
- Support full-duplex voice intercom
- Support free P2P cloud record alarm information
- Support human body PIR sensor theft alarm
- Support tamper alarm
- Support five users simultaneously monitor
- HD 720P video picture quality
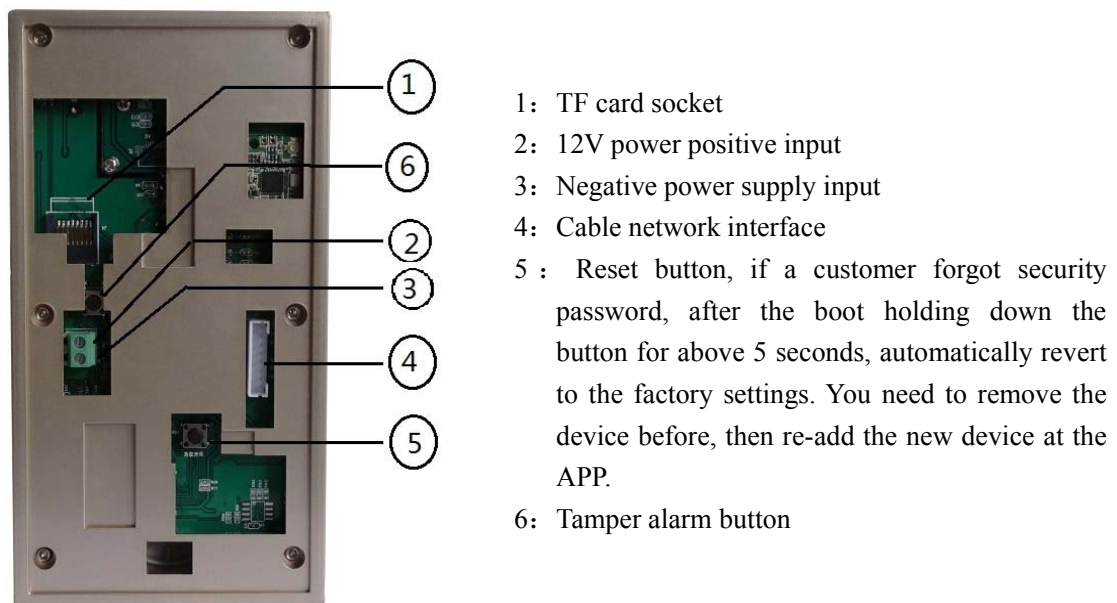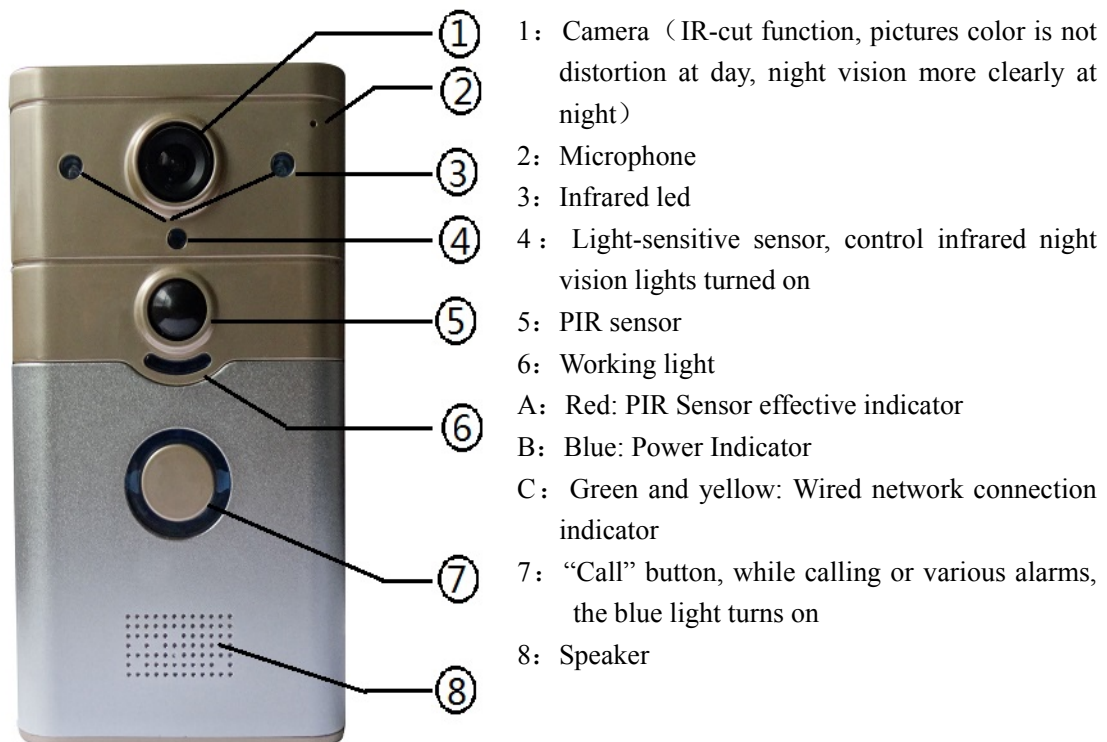- Support indoor doorbell ringing function

3：APP introduction

It has two types of systems are Android and IOS. Download the App for Android from 360 cellphone assistant@. Download the App for IOS from Apple APP Store@. Search "Wifiowl", or scan the two-dimensional code on the box to download and install the APP.
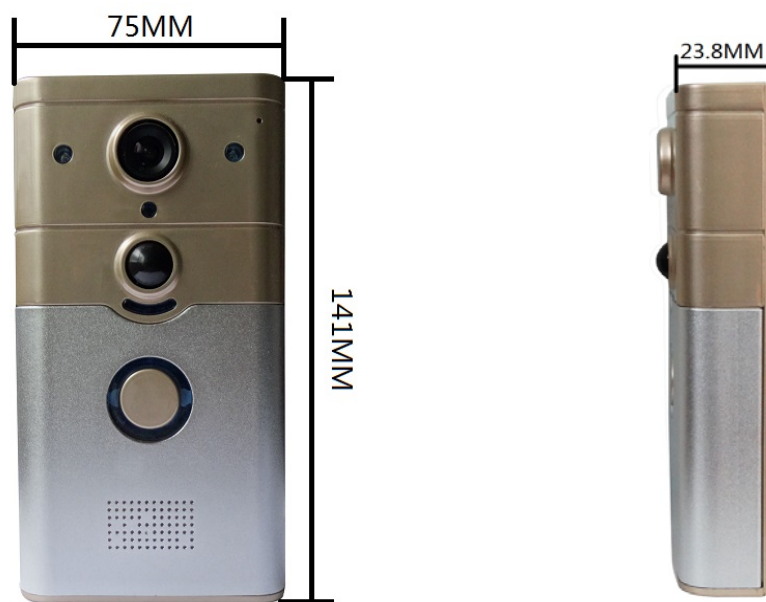
4：Function keys and Interface definition description

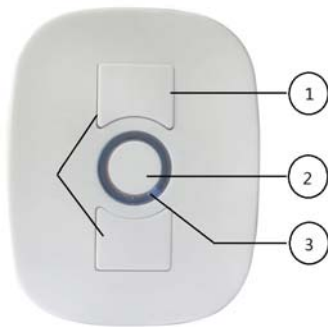4.1：Host function keys description

function keys description

1：Camera（IR-cut function, pictures color is not distortion at day, night vision more clearly at night）

2：Microphone

3：Infrared led

4：Light-sensitive sensor, control infrared night vision lights turned on

5：PIR sensor

6：Working light

A：Red: PIR Sensor effective indicator

B：Blue: Power Indicator

C：Green and yellow: Wired network connection indicator

7："Call" button, while calling or various alarms, the blue light turns on

8：Speaker

1：TF card socket

2：12V power positive input

3：Negative power supply input

4：Cable network interface

5：Reset button, if a customer forgot security password, after the boot holding down the button for above 5 seconds, automatically revert to the factory settings. You need to remove the device before, then re-add the new device at the APP.
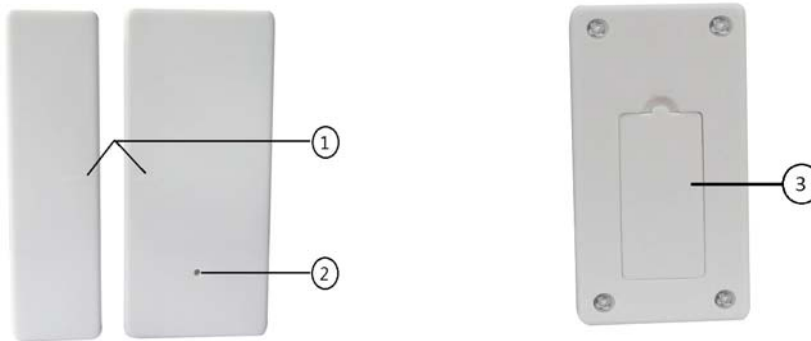
6：Tamper alarm button

5：Product size

75MM

141MM

23.8MM

6：Door magnetic，music box and unlocking device function description

6.1：music box（optional）

1：Music selection，the previous and next selections

2：Pairing button / Volume button, long press 3 seconds, green light flashing; Short press to adjust volume, have 4 levels of cycle adjustion

3：LED indicator light

Green：Wireless work indicator, slow flashing indicates standby; fast flashing indicate pairing, pairing success lighting 1 second

Blue：The blue light flashes when the music rings

6.2：Door magnetic（optional）

1：Magnetic induction surface, installed as above two arrows on the arrow, distance <1.5MM

2：Door magnetic emission indicator, when the work lights for 2-3 seconds off

3：Battery cover, built-in 12V 27A model battery

6.3：Wireless unlock reception and remote control

Wireless unlock control receive box, shared 12V power supply with electronic locks. The default unlock time is 4 seconds. If modify unlock time, change the jumper cap position

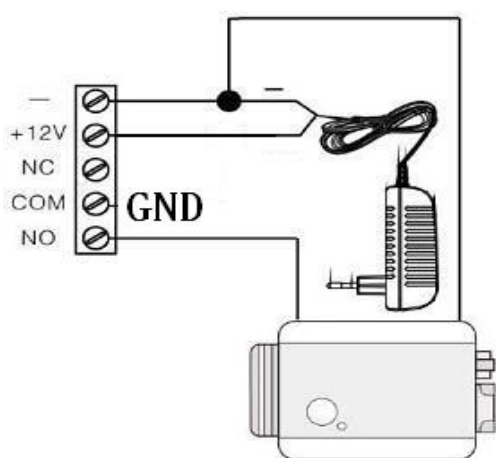Pairing button, long press 3 seconds

—Negative electrode

+ Positive electrode of 12V power
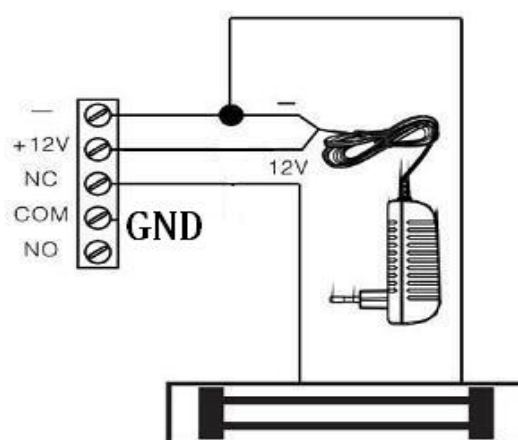
NC. off power and unlock

COM internal GND negative

NO . Power on unlock connector

Pairing code work light. Working: slow flash. Pairing code: quickly flash. Pairing success: lit a while

Power on unlock diagram

Power off unlock diagram

Wireless remote control

Pairing code button, firstly press pairing code button at Wireless unlock control receive

Unlock button. After pairing code is successful, press it to unlock.

7：APP use introduction

First doorbell connected to power. The wireless router should be placed near the doorbell. Try to less metal, brick walls between doorbell and router to get a better Wi-Fi signal. If using a wired network cable connects the doorbell, you do not consider these issues.

7．1：Register and login account

Open "Wifiowl" software, first need to register an account. Click the new user registration, enter the mailbox number, and then set a good password, click on the registration after landing to return to the login screen. Andriod app registration will automatically login; IOS app, enter the

password you just registered and click Login.

Note:Enter the mailbox, the mailbox format must be correct. As long as there is no registration will be registered successfully. After logging in for the first time, go to the "Discover Devices" menu. If the doorbell is connected to a wired network cable, phone is also connected to the router wifi，after a while or refresh it will appear a device number.

7．2：Add doorbell

7.2.1：LAN add（Wired network cable to connect doorbell）

After entering the "Device list" interface, click on the right of "+" to add devices. Then enter "Add devices" menu, click "Search LAN". If the device does not appear then click refresh. Search ID number and click the ID, enter the device name (self-defined), and then enter the password. The default password is 123.

Note: Smart phone is connected to Wi-Fi the same as doorbell network

7.2.2：Manually add

After the device is connected to a wired network, click Add manually, enter the doorbell ID number（The number corresponding to the bar code attached to the device），then click next, enter the device name (self-defined), and then enter the password. The default password is 123.

7.2.3：Smart link（Doorbell does not need to connect the wired network cable）

Doorbell connected to power, about to wait for about 30 seconds, hear the "drop .. drop .." sound, click "Smartlink". input the Wi-Fi network password. When input the password displayed wifi. Then click next, after hearing the tone, the device has been connected to the wifi（Note: input the wifi password must pay attention to the normal input, and sometimes the password input error will also be prompted, but has been connected）. More than a few seconds will pop up prompted to enter the device name and password, the operation ibid.

Remark: If you do not change the initial password for the device, the device initial password is still 123. If changed, please input the password changed. If you do not remember the password, please press "Reset" button above 5 seconds reset doorbell after power on. And there is voice prompt, automatically revert to the factory settings.

7.3：Device Settings

In the device list, click on the right ">", enter the "Settings" interface.

Note: To set up the device, the device must be online.

7.3.1：Time synchronization

Click on the time synchronization, the device can synchronize the time and the phone time.

7.3.2：Security settings

Click on the security settings, you can modify the initial password of the doorbell, click Save after setting, the next time you add a new set of doorbell password will be able to correctly add the doorbell

Note: The initial password is 123, the password is set to 4 digits.

7.3.3：Open door password settings

Click "Open Door Password", setting when video intercom and open door whether need to enter a password. Show open, need input a password, the default password is 1234.

Gray, indicate that video intercom and unlock does not need input a password. When set on/off open door password, must input the password to operate.

Note: Only users in the user management inside to open the door, or video calls can not open the door action.

7.3.4：Modify unlock time

　　Click the unlock time, you can modify the video call when the radio unlock launch time, the general set in 1 second, if the launch time is too short can be set to 4 seconds.

7.3.5：Modify unlock password

　　　Click Change Password, enter the original password (default password 1234), and then enter the password you want to set (password length 4 digits), and then confirm the new password entered, click Save.

7.3.6：Network settings

　　　Click on the network settings, before the wired connection of the device, to modify the wifi connection doorbell, just click the wireless list which displays the wifi, And then correctly enter the wifi password to switch to wifi connection mode, And then correctly enter the wifi password to switch to wifi connection mode. Modify the doorbell through the wifi connected to the wireless router, wifi connection unplug the network cable after the success of the device will work.

7.3.7：Human detection alarm

　　　Click "Human Detection", indicate that open this function. Within a set period of time, when someone stays in front doorbell 1.5-3 meters, an alarm and push the message to the APP. Grey indicate that turn off human detection alarm function.

　　　Open human detection alarm function, selectable trigger the alarm time is 10 seconds, 20 seconds, 30 seconds.

Note: Select the time is to stay in front of the doorbell for more than a set time will trigger an alarm, no more than set the time to go away after the re-timing.

7.3.8：Tamper alarm

　　Click "Tamper Alarm", indicate that open this function. When someone dismantles the doorbell, the doorbell will sound alarms and push messages to APP. Grey indicate that turn off tamper alarm function.

7.3.9：Local alarm

　　Click "Local Alarm", indicate that open this function. Alarm duration can select 30 seconds, 45 seconds, 60 seconds, after the alarm sound stops. Grey indicate that turn off local alarm function.

Note: Once the local alarm is turned on, the doorbell buzzer will sound an alarm when the doorbell has human body sensing or tamper alarm, stop the pronunciation after the set time.

7.3.10："ID Card Manager". This product no this function, do not set.

7.3.11："Fingerprint Management". This product no this function, do not set.

7.3.12：Restore factory settings

　　　Click "Restore Factory Settings", pop-up a dialog box, input the admin password. After clicking OK, the settings of APP will be restored to the initial settings.

Remark: Prompt successful restore after restored, please re-add a device. Restore factory settings, security password not be changed, other settings restored to the state before setting. Only press "Rest" button on the doorbell, to reset all settings to factory state.

7.3.13：Alarm push mail settings

Click "Alarm push Email", pop-up "Modify Email" interface. Then input the e-mail account and password（This password is not E-mail password, but the mailbox authorization code. Through your mailbox settings, obtain authorization code. After setting it ok, occur alarm and take photos, then automatically sent a picture to the mailbox.）

Note: The domestic mailbox is not a mailbox login password, instead, the mailbox authorization code. Change the settings in the mailbox settings. Such as Yahoo directly enter the mailbox login password can be. Do not forget open mailbox "IMAP / SMTP" function at setting on your email.

7.3.14：Remote playback

Click "Remote Playback". Doorbell inserted TF card, when a video intercom, can record video and stored in TF card, in this interface you can view the videos. According to one recent search, search the last three days, the latest month search, custom time

7.3.15："Local Playback". This product no this function, does not support recording video stored in the phone memory card.

7.3.16：Device Information

Click the device information to display the current version of the device, and the APP version.

7.3.17：Motion detection

Click "Motion detection", indicate that open this function. Moving the object before the doorbell triggers the recording（The doorbell to be inserted TF card will be video），But will not push information to APP. Grey indicate that turn off　motion detection function.

7.3.18：User management

Click User management. You can add your own account, you can also delete other accounts. If there is no a user account management, you can not push any information to this user, and in the video view, you can not operate the door to unlock. Other functions are normal. After setup is complete, Click the arrow at the top left to exit the setup.

7.3.19：Wireless pairing

Press the remote control lock receiver on the code switch for 3 seconds, or press the volume key of the Music Box for 3 seconds, the green LED flashing indicates the start of the pair （If not received the pair information is transmitted at 10-15 seconds, it indicates pair fail, and automatically stops pair code. Re-press the button to start pairing code again）. Then press the APP wireless code, the wireless code into a gray, or green LED of remote control receiver or music box is light, that indicates success of the code. After pairing is successful, click "unlock" at "video intercom" interface to wireless unlock. Wireless unlock time is set to 1 second. In addition the music box after the success of the code, press the doorbell call button after each music box will ring about 15 seconds after the stop.

7.4：Information records inquiry

Click above shown icon at "Device list" interface, pop-up "Alarm message" interface. Click above shown picture can view the picture. Long press above shown "Device" number can delete this record. Click "Trash" sign can empty all records.

7.5：Images inquiry（Photos inquiry）

Click above shown icon at "Device list" interface. Click above shown picture can view the picture. Long press above shown picture can delete the picture. Click "Trash" sign can empty all pictures.

Note: These pictures are in the call interface, click on the screenshot (camera icon) to save the

picture, is stored in the phone memory.

7.6：System settings

　　　Click above shown icon at "Device list" interface, pop-up "System Settings" interface.（Three horizontal icons）You can view account information and operate.

7.6.1：Account information

　　　Click "Account info", pop-up "My Account" interface. Display account information and mailbox. Can bind phone number, after forgot password can retrieve your password by phone. Change password.

7.6.2：Receive alarm message

　　　Click "Receive msg", indicate that open this function. Premise smart phone connected to wireless network, the smart phone can receive messages when a visitor press the doorbell button. Grey indicate that turn off receive alarm message function.

7.6.3：Ringtone setting

　　　Click "Ringtone", pop-up "Ringtone setting" interface. Notice: Only Android system can to select to set. You can choose from three tones as a call ringtone. Alarm ringing is system default. Different versions or models of mobile phones may be different voices.

7.6.4：Sign out

　　　Click "Sign Out", exit the current login account, and back to login interface.

7.6.5：Exit

　　　Click "Exit" to exit the APP. The phone will not receive the alarm and call information from doorbell. Recommended not to opt out, click return, so that APP running in the background.

7.7：Video intercom

　　　When there is an alarm or a visitor call, the phone can receive a call message. Click the "Green" icon to answer. Click the "Red" icon to hang up.

：Microphone icon

： Recording video icon. Click start to record video. Click again to stop. Video stored in TF card.

：Speaker icon

：Screenshot icon. Click take photos stored in memory of phone

：Hang up icon

：Unlock icon. Click unlock to door. If set a password, you need to input a password to unlock

8：Electrical parameters

Function	Description
Camera sensor	1/4 COMS 1 Mega-Pixels
Wireless standard	IE EE 802.11b/g/n
Resolution	720P MAX
Minimum illumination	2LUX
Night vision distance	1.5—3 meters

Camera angle	＞100 degree
Indoor doorbell receiving distance	＞8 meters
Indoor doorbell operating voltage	AC100—230V @50/60HZ
Wireless unlock distance	Doorbell Host＞5 meters，Remote Control (optional)＞8 meters
PIR distance	1.5-3meters, the front angle＞30 degree
Power	12V/1A
Working power	MAX 5W
WiFi distance	About 20 meters, depending on the work environment and the wireless router

FCC STATEMENT :

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

RF warning statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.