

## KB – Door Bell Camera Setup Guide



Slimmer. Sleeker. Lighter.

### Key Features:

- Replacing to the existing doorbell button, no extra wire needed\*
- 2.1MP 1080P Full HD @30fps with audio
- 180° panoramic view
- See/hear/speak to visitors via phone APP
- Support Day/Night view with WDR image, built-in IR Light (up to 15ft)
- Connect/record to LTS NVR (Exclusive)
- MicroSD Storage support up to 128GB (SD card not included)



### Key Features - Changeable Faceplates

4 different color faceplates are included in the package



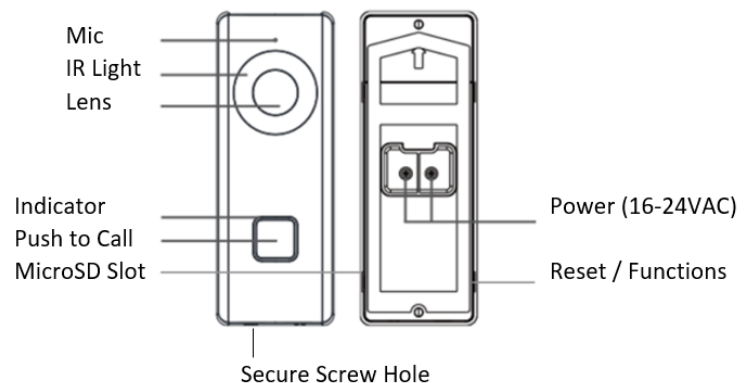
\*Support Mechanical Doorbell system & Door Chime. May not work for musical door chime. Not compatible with Wireless Doorbell & Door Chime.

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## Doorbell Camera Setup Requirement:

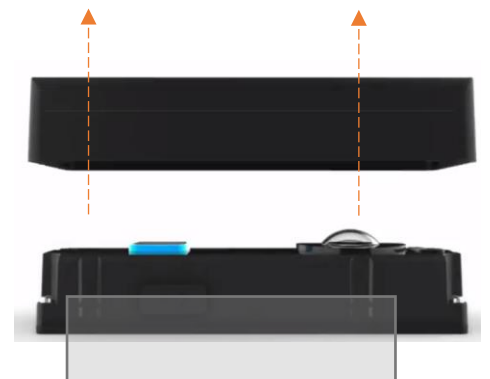
1. Internet Connection
2. Wi-Fi Router (2.4G or Dual Band)
3. Smart Phone (Android / iPhone)
4. Existing Wire Door Chime System (16~24VAC)
5. NVR (Optional)



## Releasing the Case Cover:

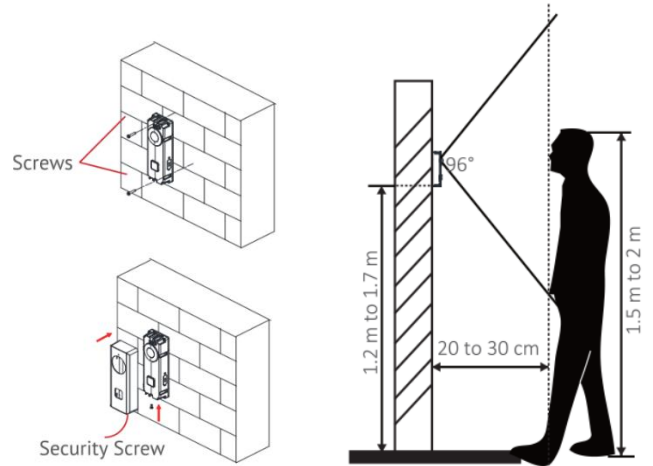
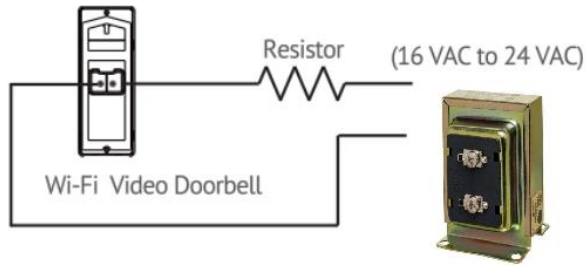
Make sure doorbell secure screw remain unlocked.  
There are two hidden clips on each side to secure the cover.

Use nail to release the secure clips or insert thin cardboard to unlock.  
Hold the cover and push down the button should be easy to release it.

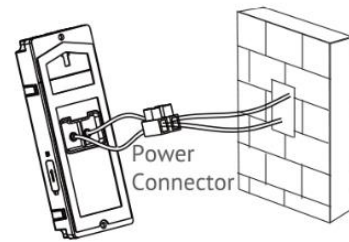
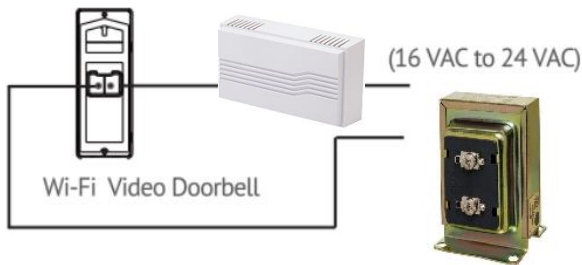


# Hardware Connections:

## 1. Without Door Chime System

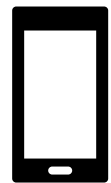


## 2. With the existing Door Chime System (Wired)



## Download & Install the App **LTS Connect**

(Android / iPhone)

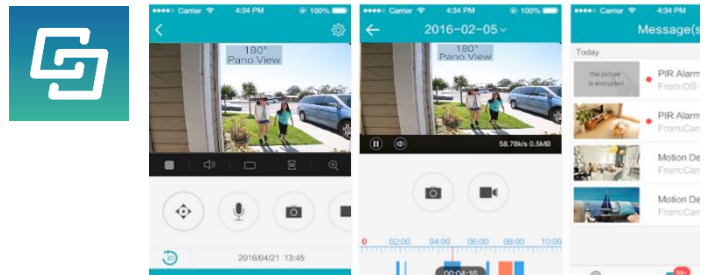


Please download the LTS Connect app for the Android / iPhone first before everything.

### **Note:**

Please make sure the Smartphone connected to the local Wi-Fi network first. (Support 2.4GHz WIFI, 802.11b/g)

(Double check the Wi-Fi signal strength is strong from your smartphone first, and remember connects to the correct Wi-Fi network. Please don't use the Wi-Fi Guest network)

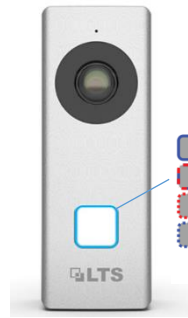


# First-time Setup / Pairing WIFI Network

Agenda: use the Smartphone to Generate QR code (the WIFI setting) & let the camera to scan & program it.

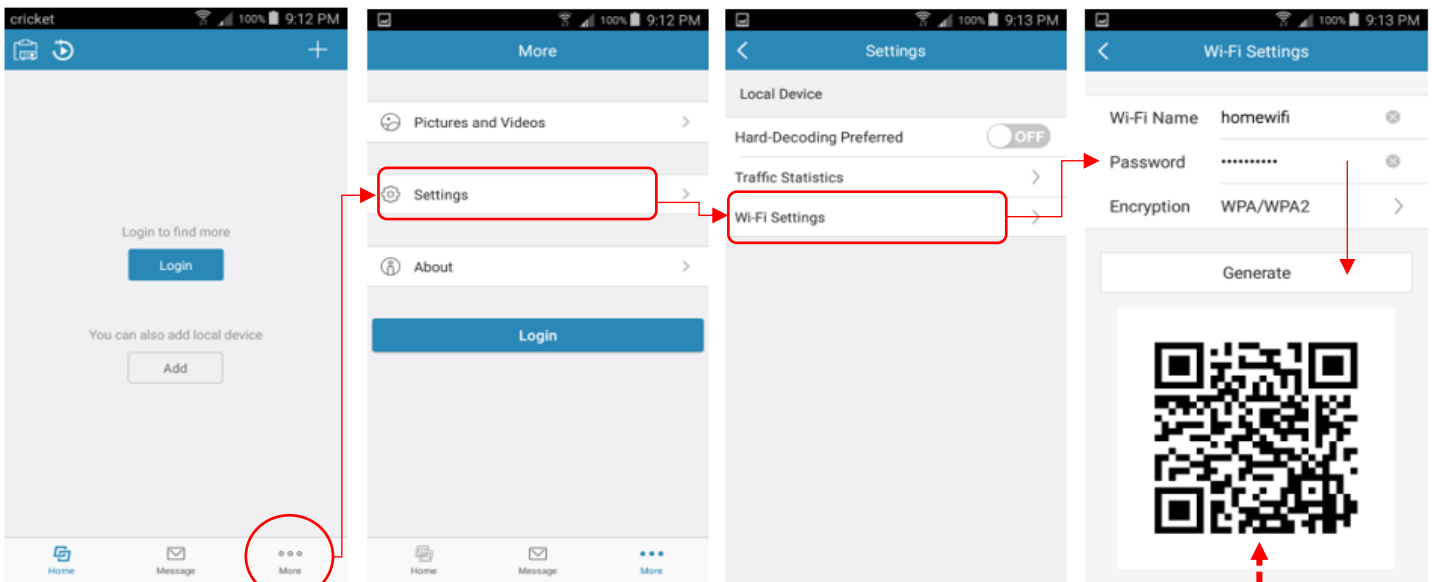
For the first time, please check the backlight status.  
If you see no light, please check the wiring.

Blue & Red flicker alternately. It indicates Ready for the Wi-Fi configuration (by default).



- Backlight Indicator:
- Starting up
  - Ready for Wi-Fi configuration
  - The Doorbell is upgrading
  - The Doorbell is calling the App WiFi connection or MicroSD card error

Open **LTS Connect App**  
**More > Settings > Wi-Fi Settings > (Enter WIFI SSID & Password) > click Generate**



- Backlight Indicator:
- Starting up
  - Ready for Wi-Fi configuration
  - The Doorbell is upgrading
  - The Doorbell is calling the App WiFi connection or MicroSD card error



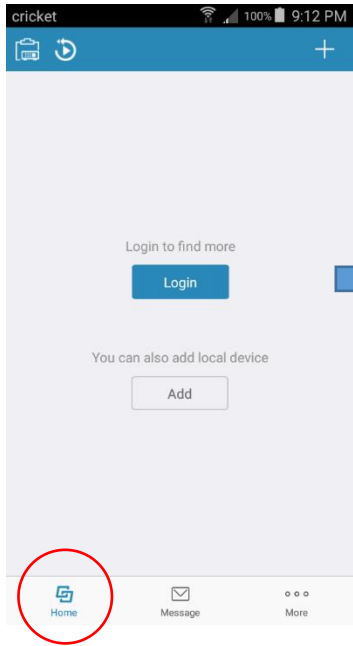
**Scanning:** While the camera indicator is still flickering **Blue & Red** light. Put the phone (the QR Code) at front of the doorbell camera. Keep distance between doorbell and phone around 4 inches. Let the camera scan the QR code generated from APP. Once the doorbell detected the QR code (about 2-5 seconds). It will come out a **“De”** sound.

**Connect Success:** After hearing the **“De”** sound, wait about 5-10 seconds. It will try to connect the Wi-Fi Router. If it is connected, the camera indicator will turn to **Solid Blue** color and it will respond **“the WIFI is connected”**.

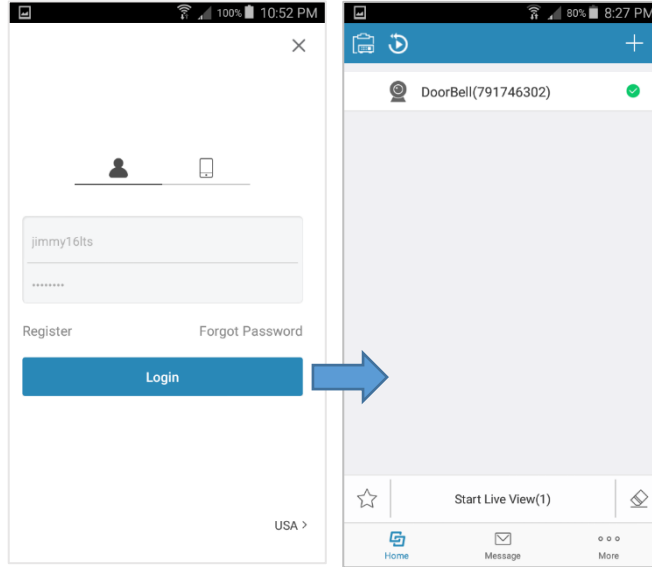
**Connect Fail:** vice versa, If it connects fail, the doorbell will respond **“the WIFI is not connected”** or no Sound. If failed, most likely could be the wrong password or the SSID cannot be found. You need to double check the setting again and start over again. If Doorbell is far away from the Wi-Fi router, please confirm the Wi-Fi signal strength from your smartphone and then try scan couple times.

# Register / Login Account for the LTS Connect App

Remember to press the **Home** button, always can go back to the Homepage.



If you registered the account already, just enter the ID and Login.



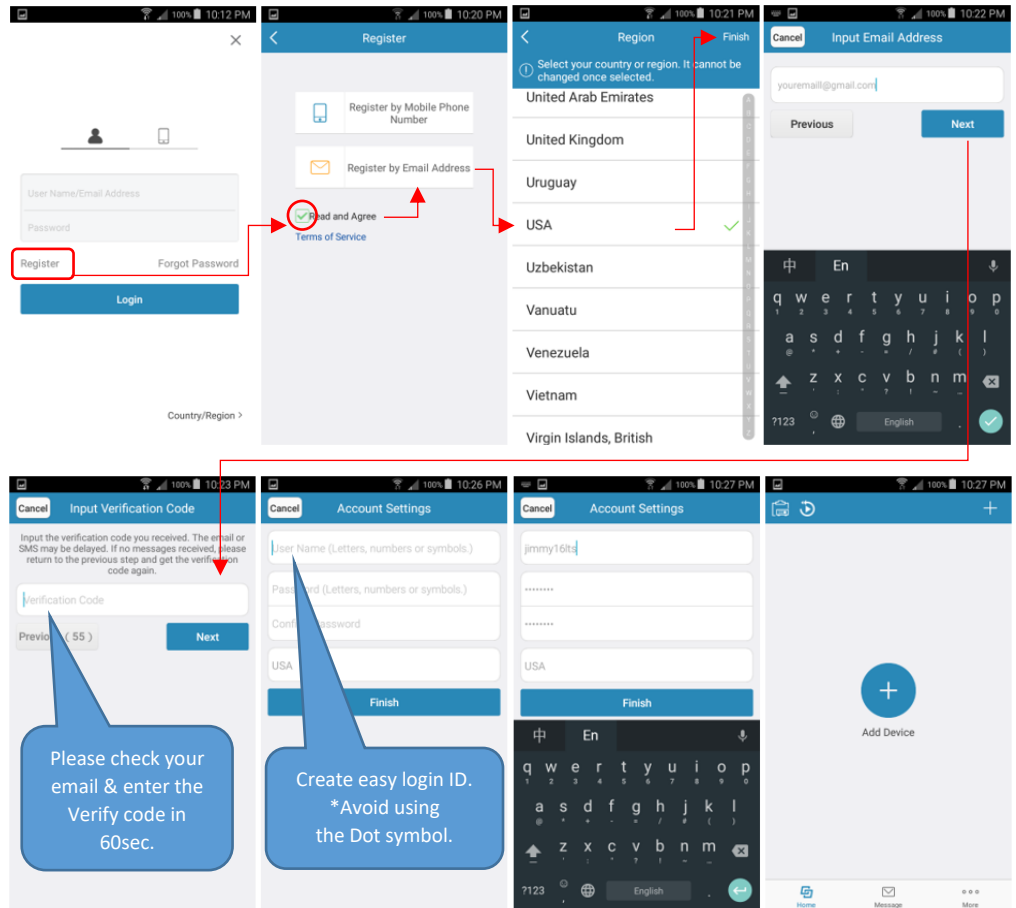
Select the Doorbell Camera, and choose Start Live View to view at the bottom.

If you forgot the password, click the forgot password. Follow the recovery procedure to get the password back.

## Register

The first-time user, please create your account before login.

**Register** > Read & Agree > Register by Email Address > Select Region > Finish > Input Email Address > Input Verification Code > Create Login ID and Password > Finish



**Notice:** Each doorbell only can register once. If you already registered, you just need to log in the account. If you want to re-register again, please unbind the camera from the previous account first.

Please check your email & enter the Verify code in 60sec.

Create easy login ID. \*Avoid using the Dot symbol.

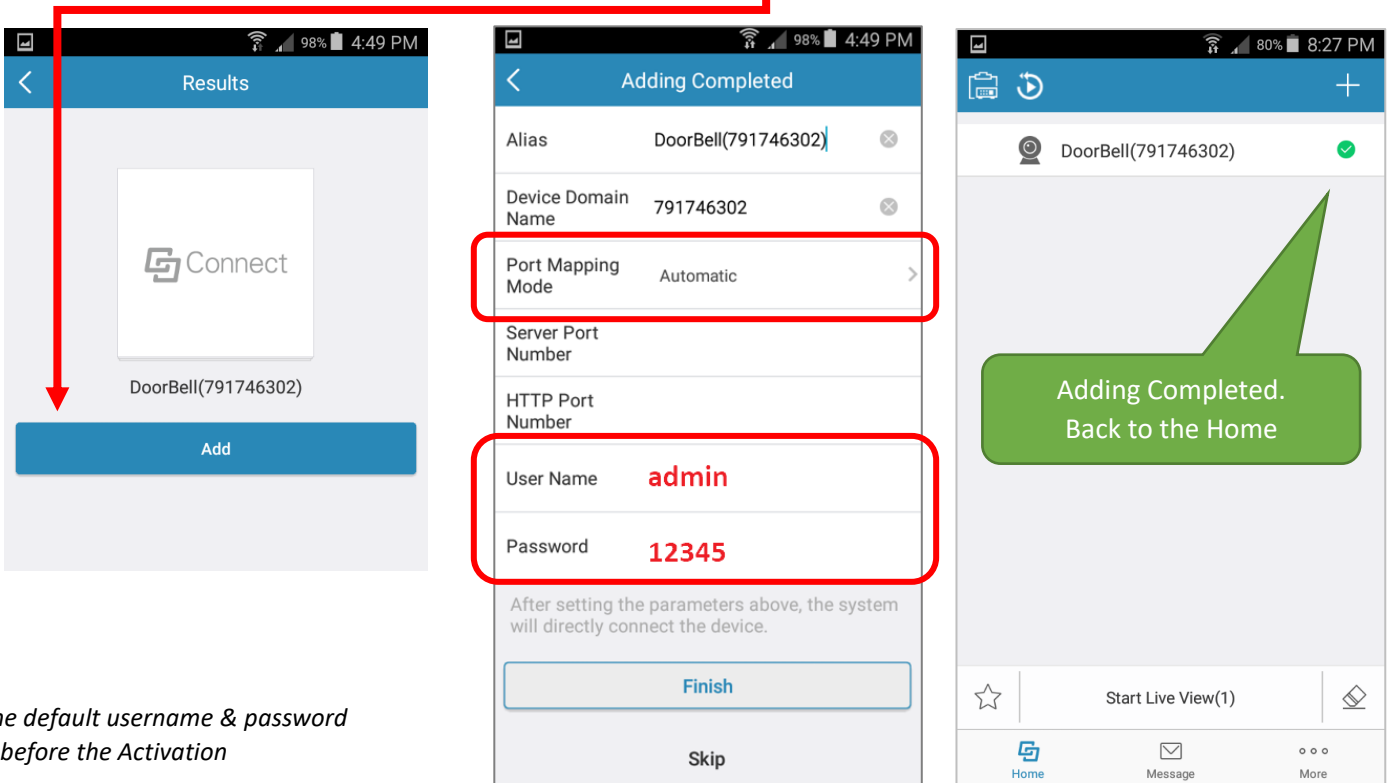
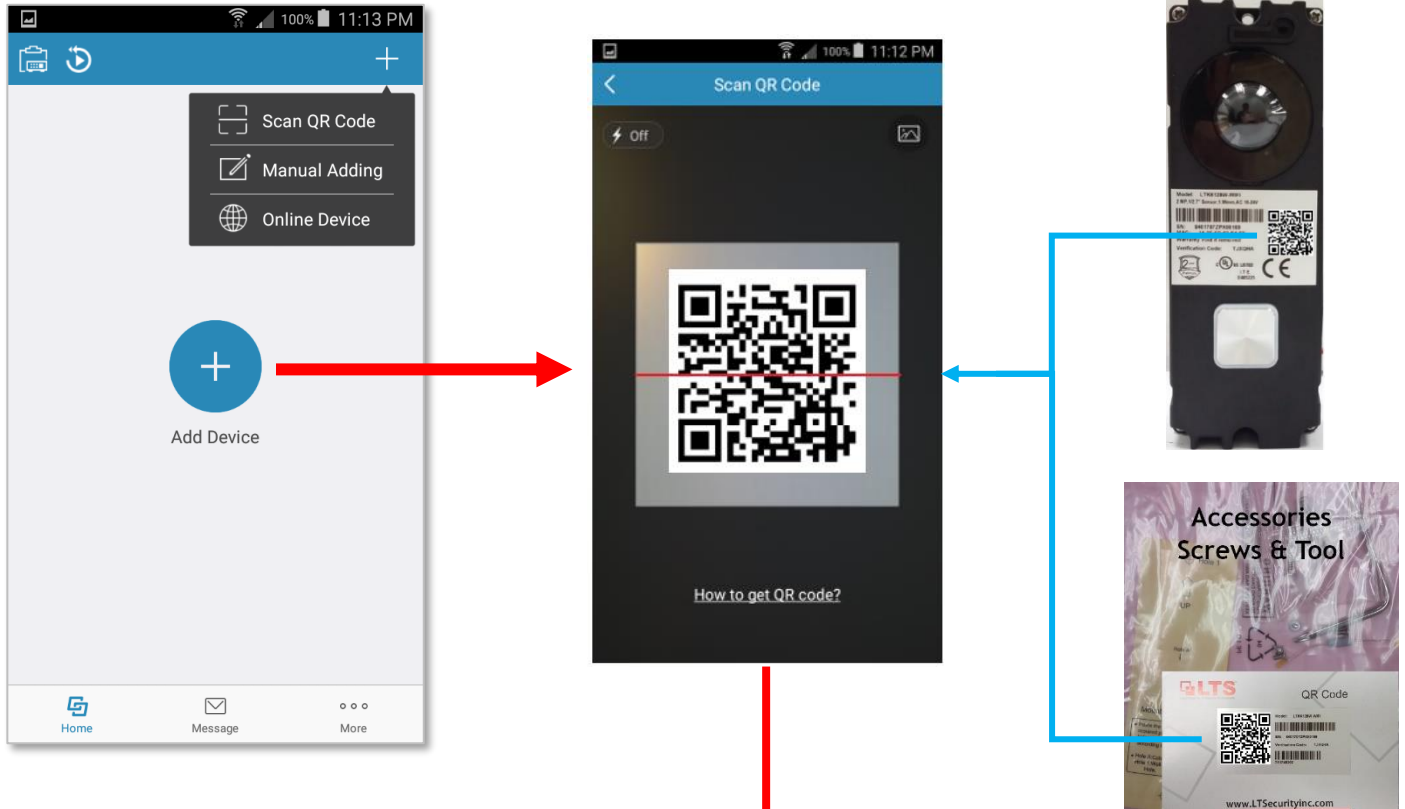
## Adding the Doorbell Camera into the LTS Connect.

For the first time, there is no existing device. We need to add the Doorbell camera into this account.

Press the (+) sign to Scan the QR Code.

Open the doorbell camera case cover and Scan the QR Code from the sticker.

Or, you can scan the QR code Card (Included inside the bag).



The default username & password is before the Activation

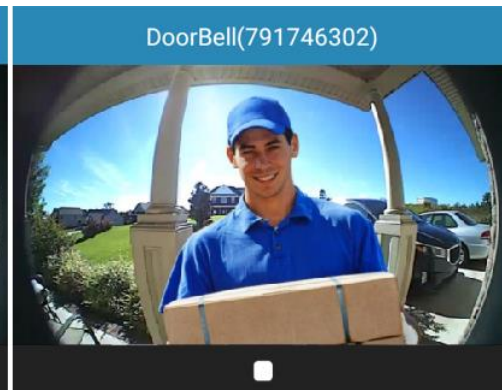
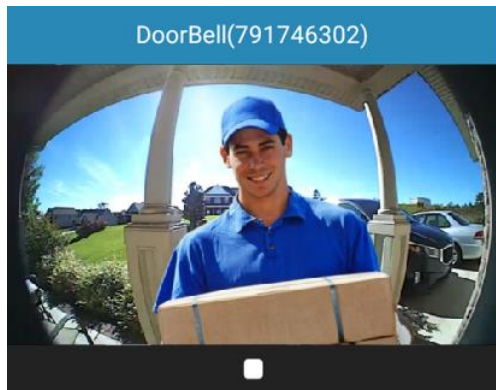
# Basic Operation – Starting up & Push to Call

When the doorbell camera power up and start to check your WIFI status, it will prompt the message as follows:

*The doorbell is running  
WIFI connected  
The server has been registered.*



- Blacklight Indicator:
- Starting up
  - Ready for Wi-Fi configuration
  - The Doorbell is upgrading
  - The Doorbell is calling the App
  - WiFi connection or MicroSD card error



Hello



# Basic Operation – Live View

Device List is for manage the device setting.  
(See Advance Operation Section)

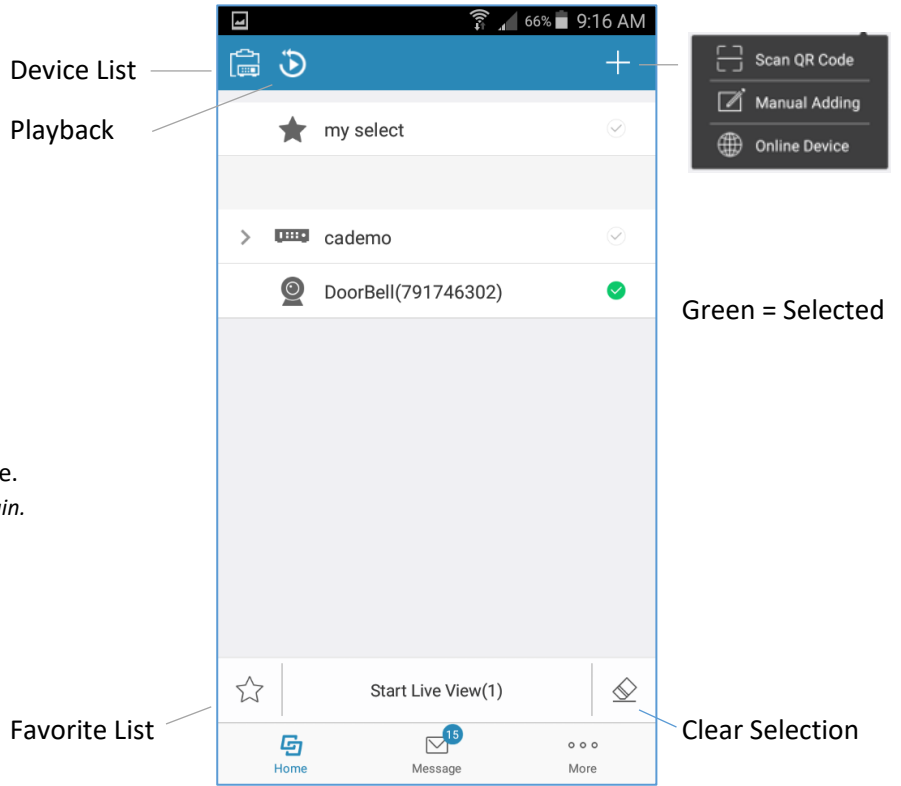
Playback – Playback the recorded video

If you have more doorbell camera to add, click + button  
**Scan QR code** to scan (same step as page 6).  
Or, using Manual Adding by SN number  
**Online Device** provides Scanning IP camera from WIFI.

Favorite List – Save current selected to my favorite.  
So, the next time you don't need to select one by one again.

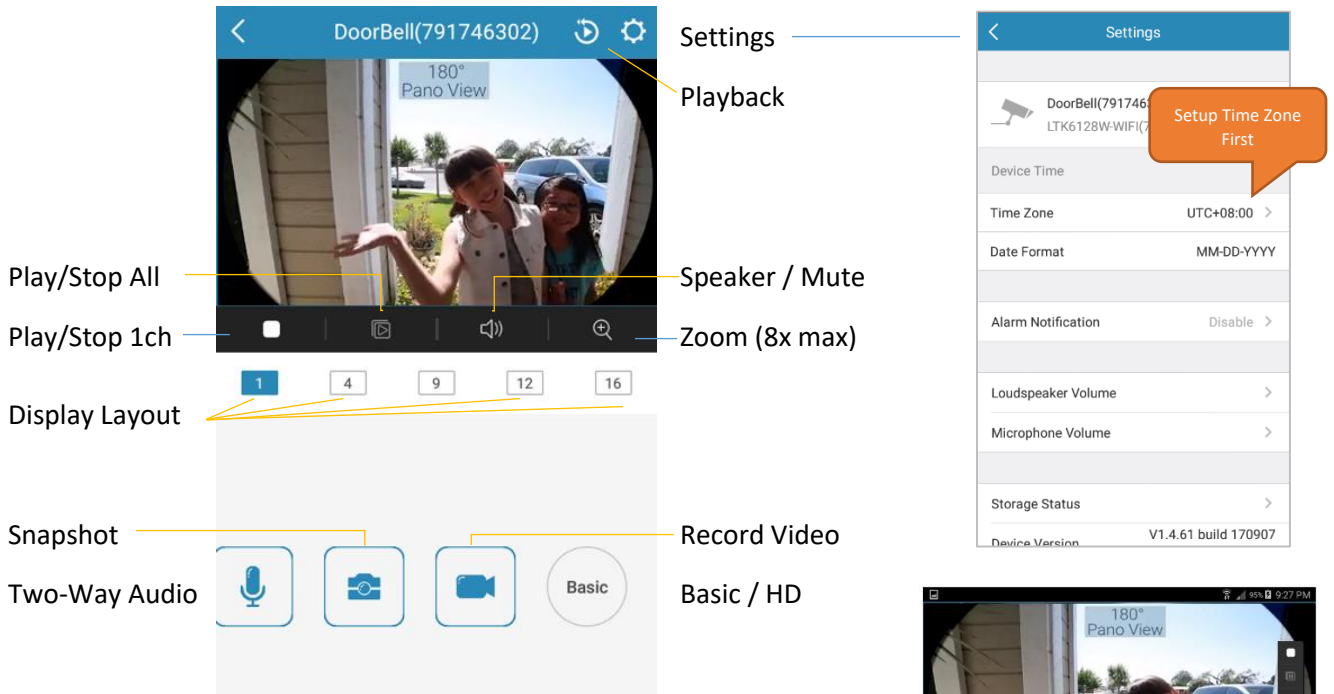
Operation:

1. Select Device
2. Select Start Live View



## Live View

**Settings:** If you want to adjust the camera setting, click the Settings button.  
Contains Date / Time, Alarm Notification (Motion Detect Notification), Speaker Volume Adjustment, Microphone Volume Adjustment and More.



**Important:**  
Setup correct Time Zone first. This will affect your video recording.



## Basic Operation – Playback

The screenshot shows the playback interface for a video titled 'cademo-CMIP3352W-28'. The video is playing from 08:55:44 on 2017-09-19. The interface includes several controls:

- Play/Stop All**: A play/pause button.
- Play/Stop 1ch**: A play/pause button for a single channel.
- Snapshot**: A camera icon to capture a still image.
- Record Video**: A video camera icon to start recording.
- Speaker / Mute**: A speaker icon to toggle audio.
- Zoom (8x max)**: A magnifying glass icon to zoom in.
- Quality**: A '1X' icon to adjust video quality.
- Speed (8x Max)**: A double slash icon to adjust playback speed.
- Playback Time**: A timeline at the bottom showing the video's duration from 7:00 to 10:00.

To the right, a date selection calendar is shown for September 2017, with the 19th highlighted. A blue arrow points from the date '2017-09-19' in the video player to the calendar.

## Basic Operation -- More Settings

The screenshot shows the 'More' settings menu. The options listed are:

- Pictures and Videos
- Manage Sharing Settings
- Account Management
- Settings
- About
- Logout
- Exit

The 'More' button in the bottom navigation bar is circled in red.

The screenshot shows the 'Pictures and Videos' storage area. It displays a date '2017.09.19' and a thumbnail of a snapshot. Below the thumbnail, it says 'Snapshots / Videos' and 'Available Space 1.6GB'.

Pictures and Videos are the places to keep your snapshot clips and video files.

You may click to review or delete to save space from here.

Manage Sharing Settings  
Account management  
Settings

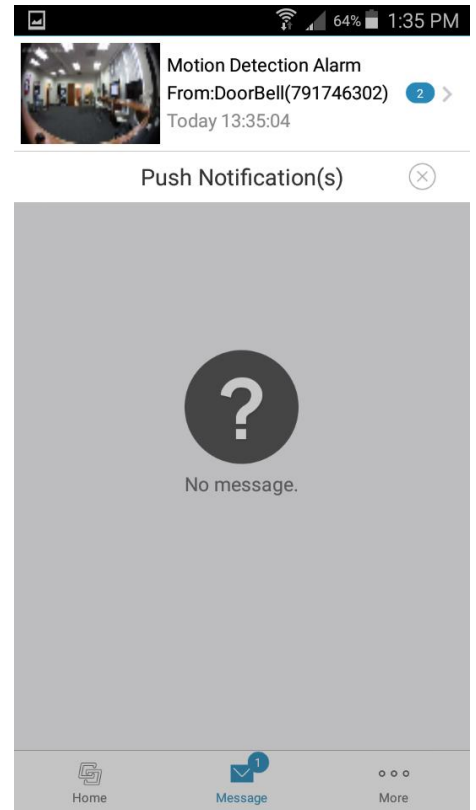
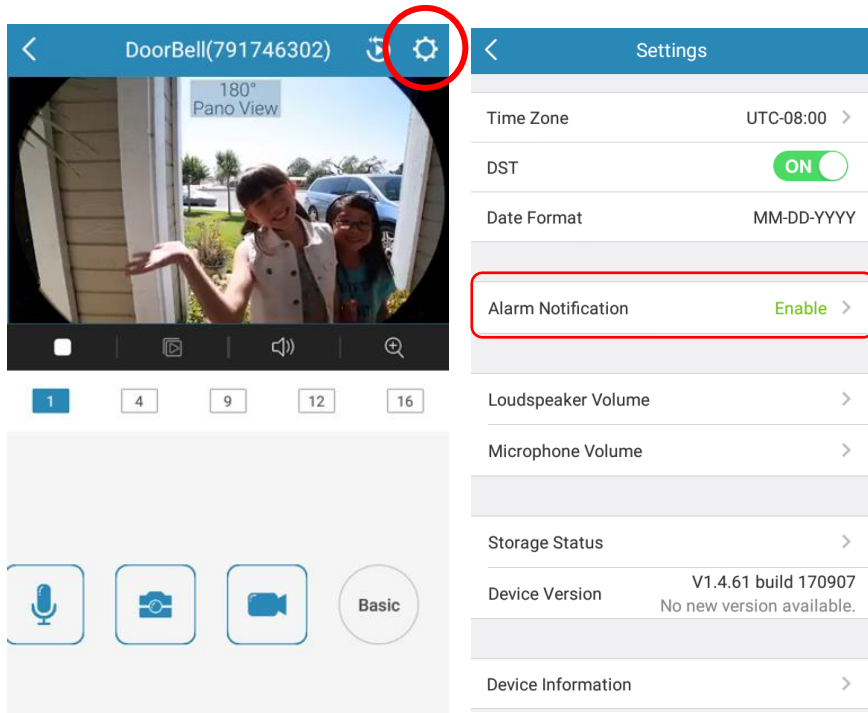
(For the advanced user, check the advance operation guide)

Logout – exit current account and back to the Login Screen.

Exit – Exit this app but next time will automatic resume from the previous login without asking login. Unless you're already logout.

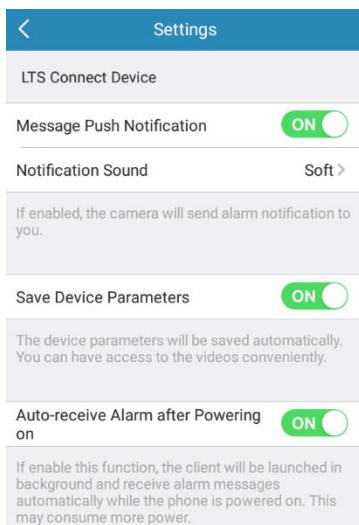
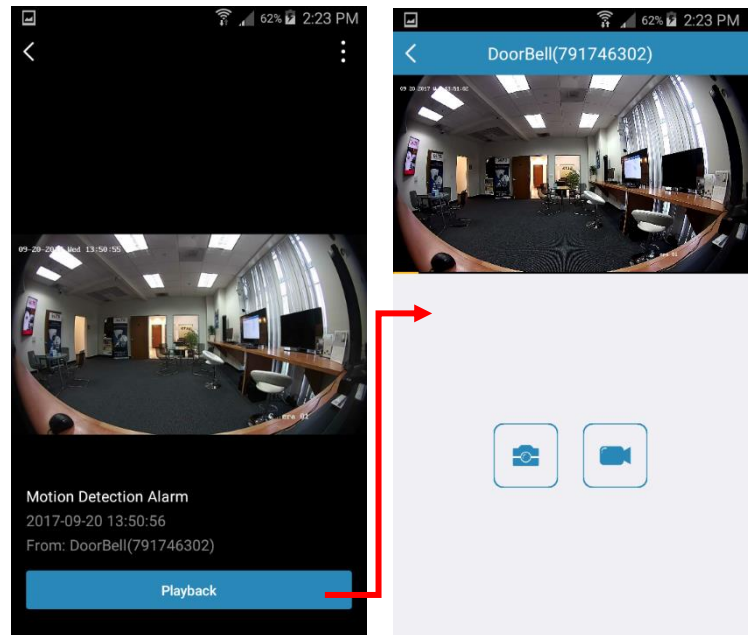
# Basic Operation – Push Notification

Open **Setting** from the camera Live View page. Enable **Alarm Notification**



When there is motion detected, the camera will send a Push Alarm notification to your Smartphone.

If you are the iPhone user, make sure iPhone Notification setting is turn ON before you enable this feature.



**Advance Settings:**  
**More > Settings**

### Auto-receive Alarm after Powering on

If enabled this function, the client will be launched in the background and receive alarm messages automatically while the phone is powered on. This may consume more power.

## Basic Operation – Insert MicroSD card / Format

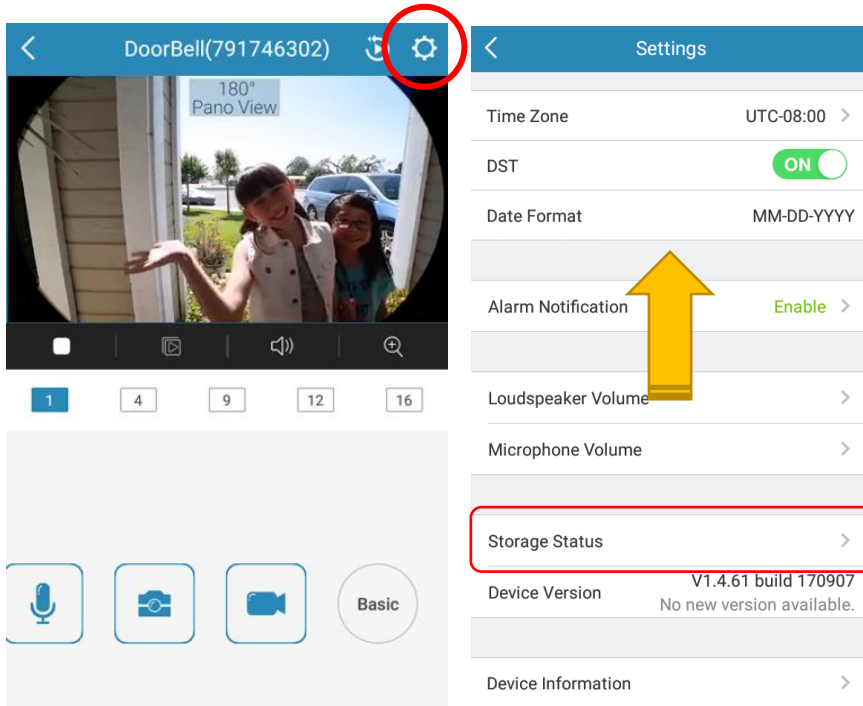
Open the camera case cover, and remove the protective cap. Insert the MicroSD card in the slot. Gentle insert the MicroSD card and push into secure position. Put the water protection cap back.



### Important:

**MicroSD card must initialize before its uses.**

Select Doorbell camera, go to Start Live View first.



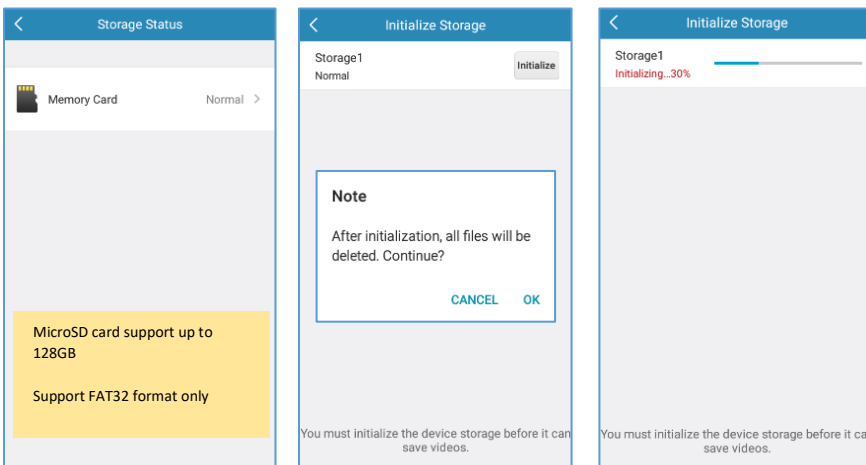
### Check Time Zone

Always check correct Time Zone setting. This effects the video recording time.

### How to initialize the SD card?

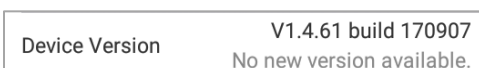
Go to Camera Live View first.

**Settings > (swipe up) > Storage Status > Memory Card (Health: Normal) > Initialize > OK**



MicroSD card can support up to 128GB, FAT32 format only.

### Check Update Settings > (swipe up) > Device Version



If there is a new version, it will show up in here.

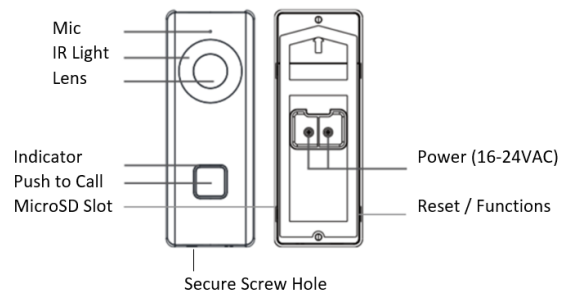
# Specifications

Video Doorbell	
Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System
Image Sensor	CMOS
Lens	f1.96 mm, F2.2
	180°(Horizontal), 96°(Vertical)
Light Sensitivity	Low Illumination
Video Parameters	
Video Compression	H.264
Video Streaming	Dual Stream Main Stream: Max. 1080P@30fps, Sub-Stream: VGA@30fps
Anti-Flicker Frequency	50Hz, 60Hz
Wide Dynamic Range	WDR
Audio	
Audio Streaming	Two-Way, Full Duplex
Audio Input	Built-in Omni Directional Microphone
Audio Output	Built-in Loud Speaker
Audio Compression Standard	G.711 U
Audio Compression Rate	64 Kbps
Audio Quality	Noise Suppression and Echo Cancellation
Network	
Network Protocol	TCP/IP, RTSP
Network Interface	1 Wireless Interface (Wireless Network Card), Supporting 2.4 GHz (G Only)
Light Supplement	
Light supplement mode	IR Supplement, IR Distance: 5 Meters
Wave Length	940 nm
Event / Alarm	
Motion Detection	Supported
Motion Detection Alarm	Supported
Device Interface Card	TF Card Max. 128 G
Device Interface Button	1 Call Button, 1 Reset Button
General	
Ingress Protection	IP54
Power Supply	AC16V to 24V
Power Consumption	Max. 12W
Working Temperature	-30°C to +50°C (-22°F to 122°F)
Working Humidity	10% to 90%
Dimension	122.4 mm x 45.9 mm x 28.1 mm (4.82" x 1.81" x 1.11")

IR Light: Auto light source for night vision. The lights are behind the panel.

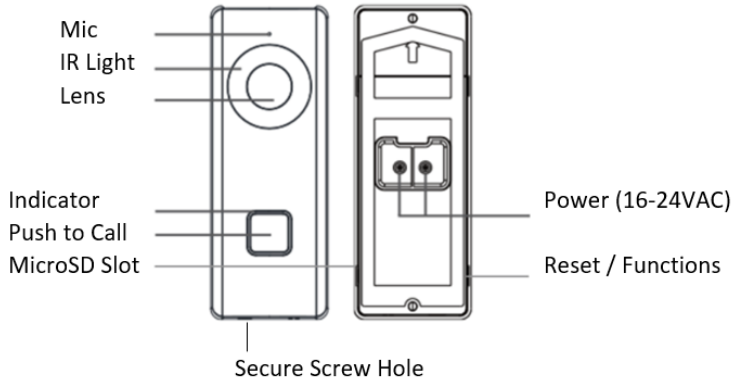
## Indicator Colors:

- Solid Blue: The doorbell is starting up and running properly.
- Cycling blue and red: WIFI is not connected
- Flashing Red: The doorbell is upgrading
- Flashing Blue: The doorbell is calling the App
- No light: The doorbell is speaking with the App





Slimmer. Sleeker. Lighter.



### Advance Operation – Reset

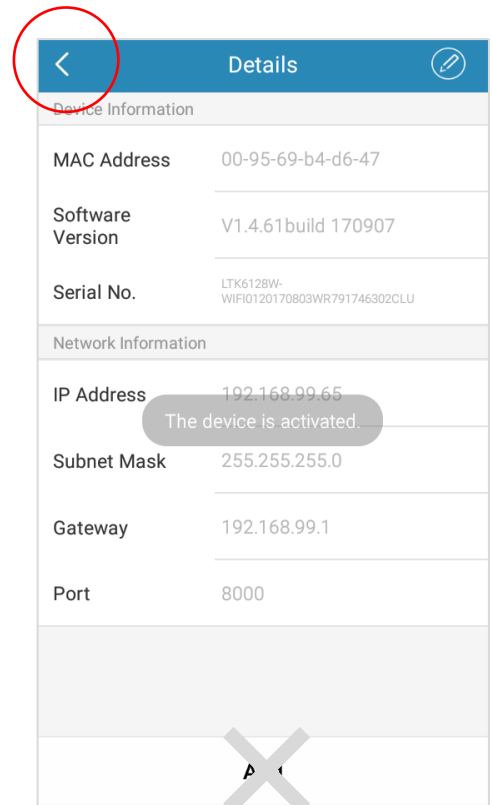
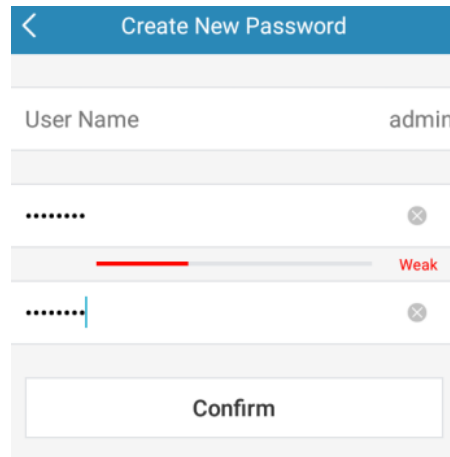
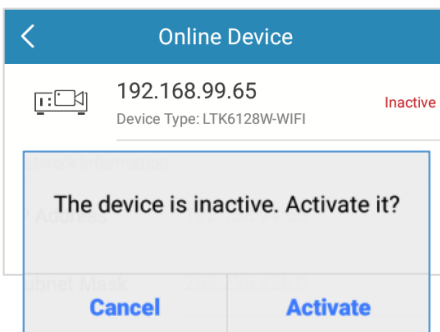
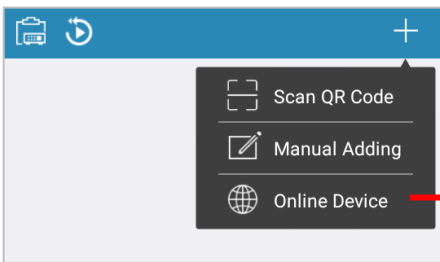
Press **Reset** button for 5sec, the camera will reboot.

**Default:** If you keep press more than 15sec, the doorbell will respond **“the device is rebooting”**. Then, the device will reset back to default. The button will Cycling between **Blue & Red** Status.

Notice: The camera still binds with the account if it is registered already.

### Advance Operation – Finding the IP Address / Activate / Create Password

Press (+), then **Online Device > Select Camera > Activate > Password**



**Online device** will search current local WIFI device and list in here. If you see the device is inactive, please **Activate & Create Password** first. After it activated, No Need to click Add at the bottom.

Now, you are ready to connect the NVR system.

## Advance Operation – Connect the Doorbell camera into the NVR camera list

Go NVR setting.

**MENU > Camera > Camera**



Find your camera IP address from the list, use Green  to add

Or, choose **Custom Adding** button to add the camera manually.

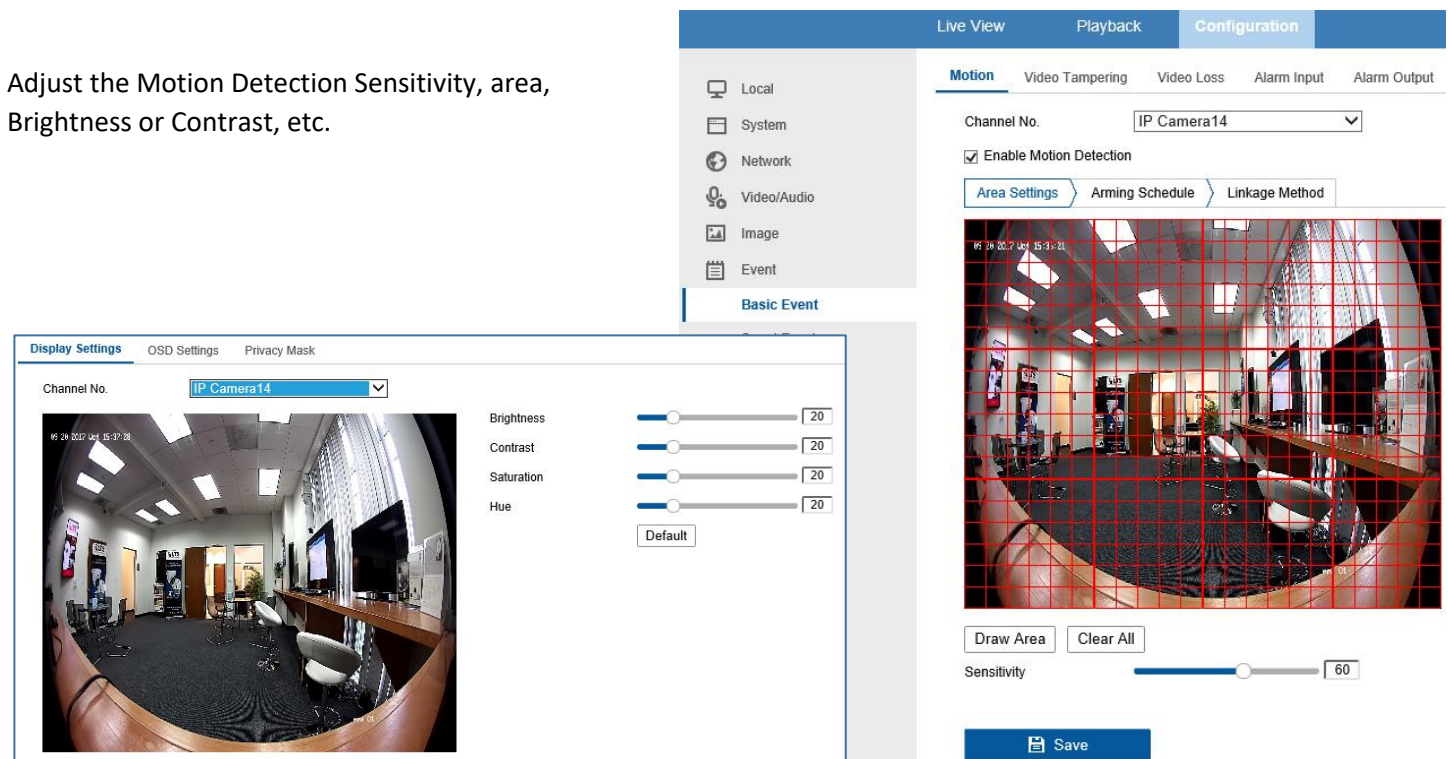
Enter the doorbell camera IP address, ID, and password correctly & finished.

**Congratulation**, you just success to adding the doorbell camera into the LTS NVR.

## Advance Operation – Camera Configuration

You can configure the doorbell camera more settings from the NVR web configuration, or thru the NVMS7000 (PC).

Adjust the Motion Detection Sensitivity, area, Brightness or Contrast, etc.



Note:

Doorbell camera is defined as the doorbell function, currently supports Motion Detect only. No VCA or I/O function. Doorbell Camera Web GUI could be added depends on the Marketing demands.