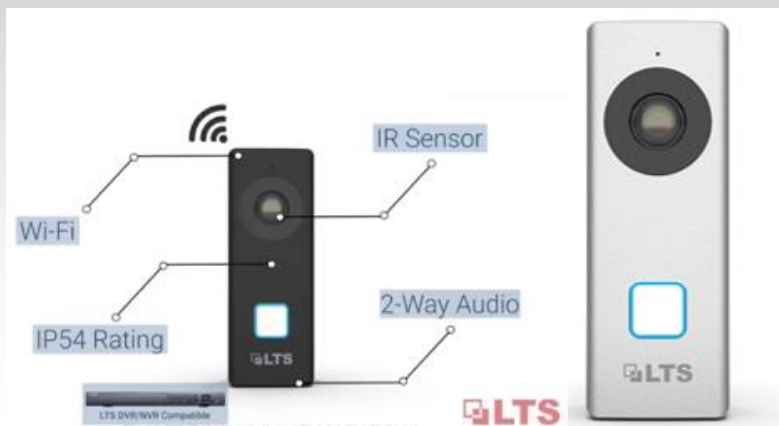


## KB – Door Bell Camera Setup Guide



### Key Features - Changeable Faceplates

4 different color faceplates are included in the package



Black



White



Silver



Charcoal Grey

### 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)



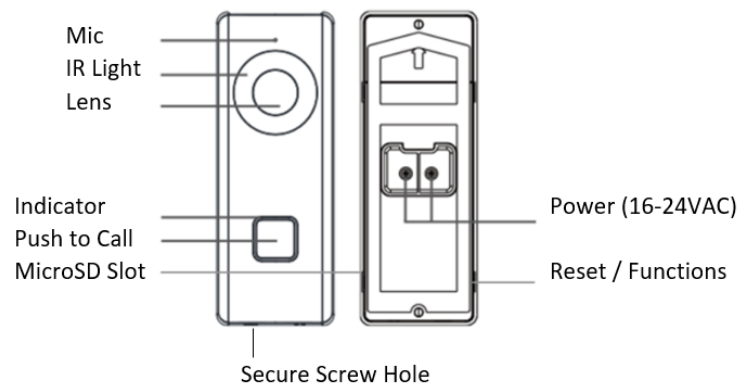
\*Support Mechanical Doorbell system & Door Chime. May not work for musical door chime. Not compatible with Wireless Doorbell & Door Chime.

# Index

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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)

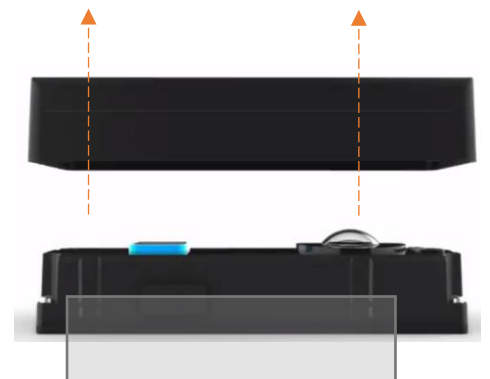


## Releasing the Case Cover:

Make sure doorbell secure screw remain unlocked.

There are two hidden clips on each side to secure the cover.

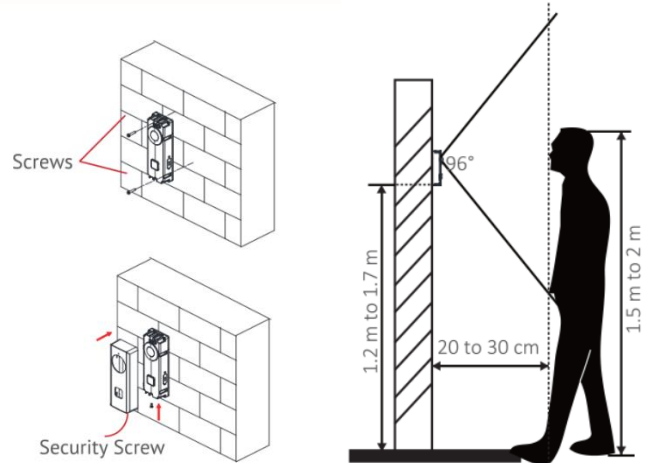
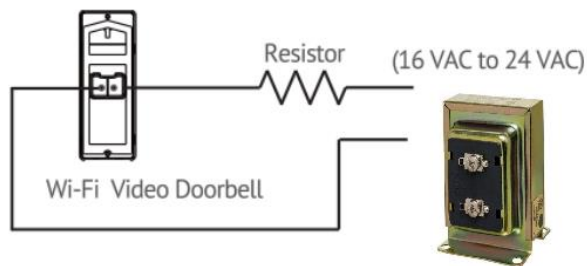
Use nail to release the secure clips or insert thin cardboard to unlock. Hold the cover and push down the button should be easy to release it.



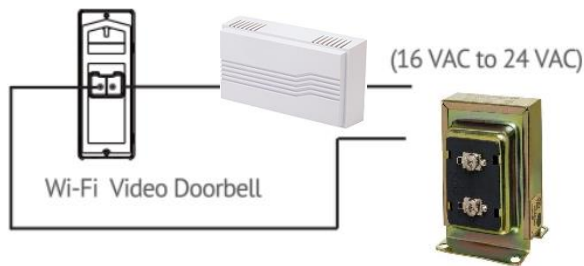
# Hardware Connections:

**Installation Notice:** These are the two types of the Doorbell Chime system that won't work with the LTS Doorbell Camera. **Not support Music Doorbell Chime, nor Wireless Doorbell chime.** Also remind, the camera angle cover range is 96° wide. Avoid positioning the camera next to the side wall to prevent the IR reflecting from the wall.

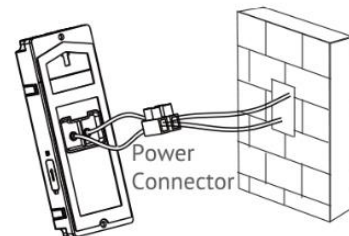
## 1. Without Door Chime System



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



## Mechanic Chime Doorbell system



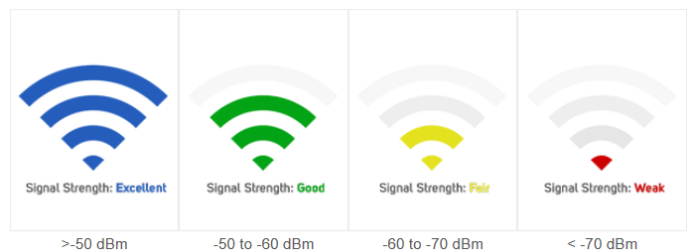
## Wi-Fi requirement (2.4GHz 802.11b/g, IPv4 Only)

LTS Doorbell camera support 2.4G B/G Wifi only.

**Wi-Fi signal** requires **Excellent** or **Good** (< -60dBm)

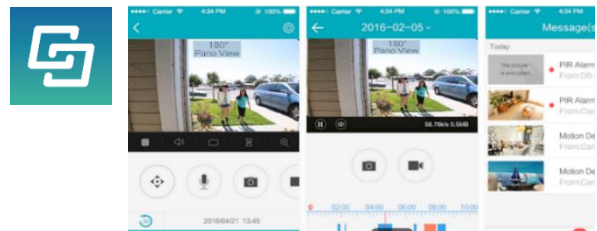
condition. If you are not sure about the doorbell location

Wifi signal strength, please use your Smartphone and install Wifi Analyzer to check the signal before you install the doorbell camera. If your Wifi signal is fair or weak, please use Wifi extender or repeater to enhance the Wifi signal coverage.



## Download & Install the App LTS Connect (Android / iPhone)

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



## 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**

**WIFI Password**

Set **Encryption**

(Today mostly: **WPA/WPA2**)

> click **Generate**

**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.

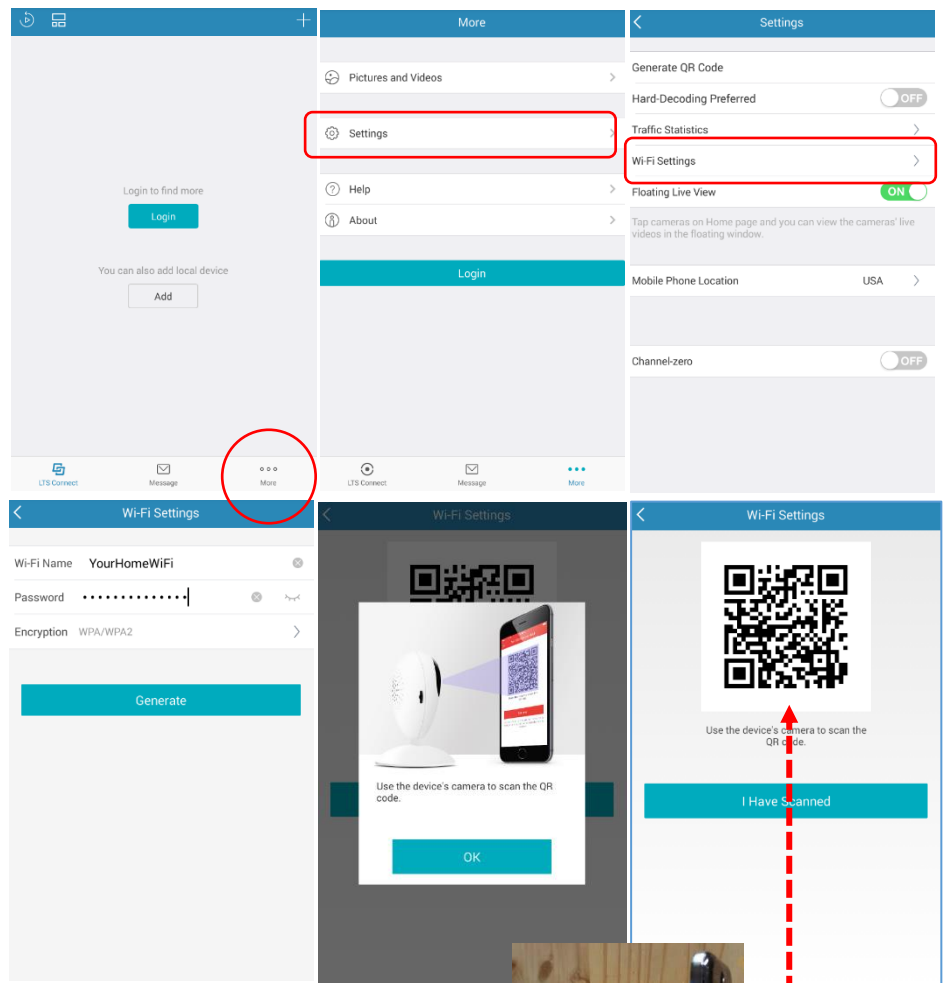
Let the camera scan the QR code generated from APP. Once the doorbell detected the QR code (about 2-5 seconds). It will come out a "De" sound.

### 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 Cloud Account

(Cloud Account)

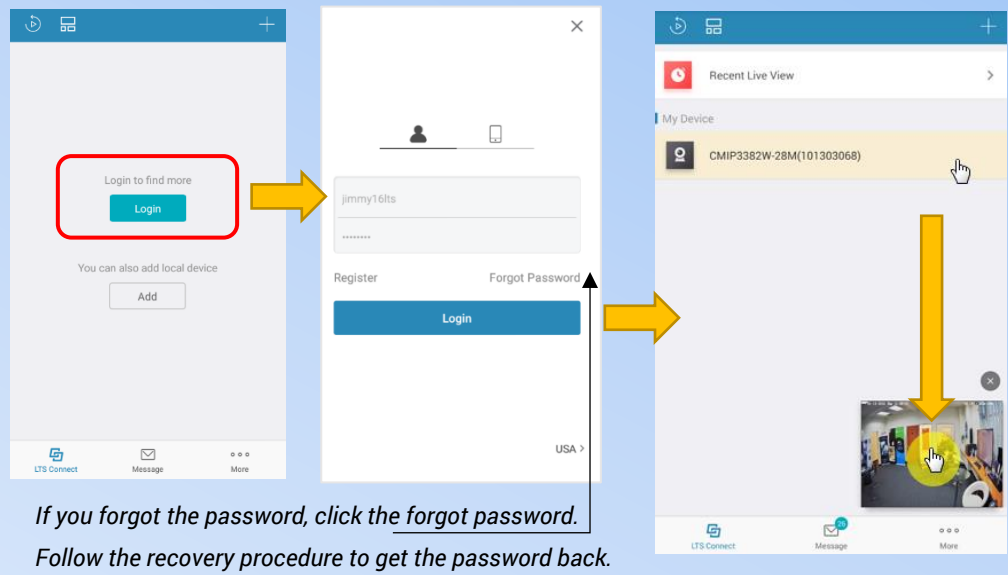
### LOGIN

Click Cloud Access Login.

If you registered before, enter the ID and Login.

If it is the first time to use, please click Register. (see below)

After Login Success,  
Select a device from the top.  
Double click Flowing View to  
enlarge to full screen.



### Register

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

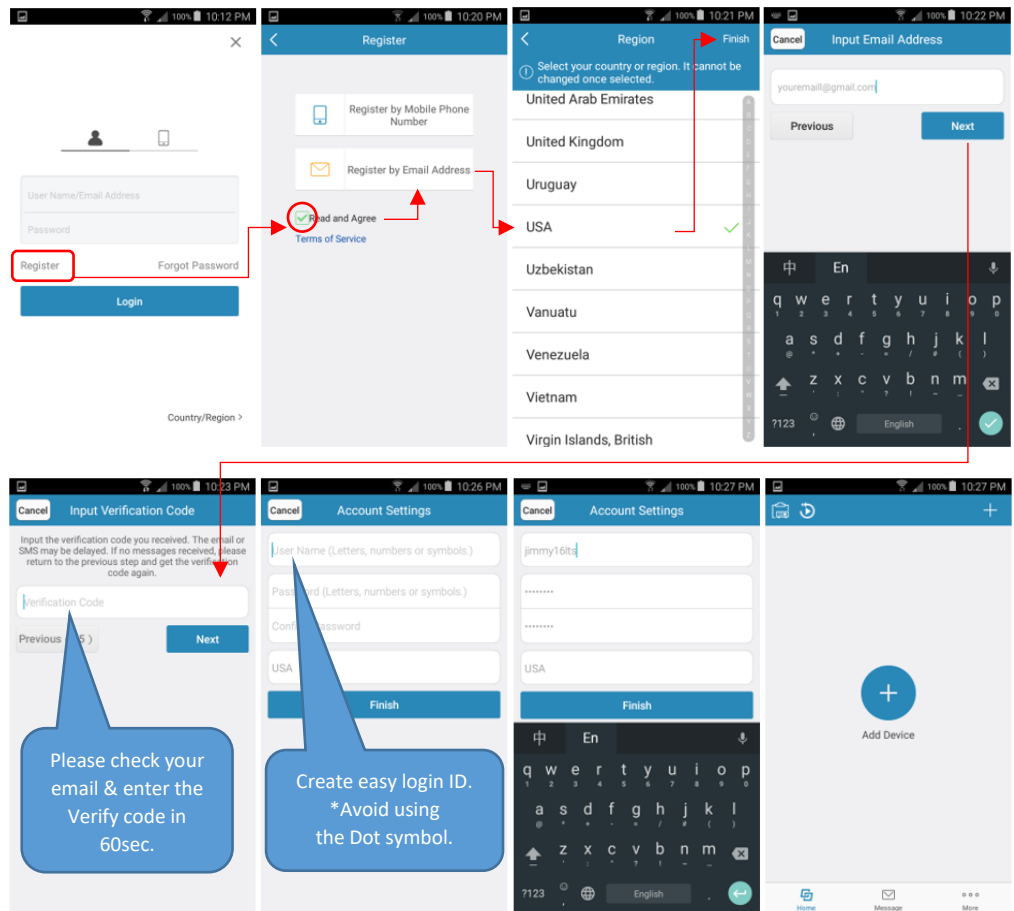
**Register >**

**Read & Agree >**

**Register by Email Address >**

**Select Region > Finish >**

**Input Email Address > Next**



(Check your Email to get the Verify Code)

Enter Verification Code > Next

Create Login ID and Password >

Finish

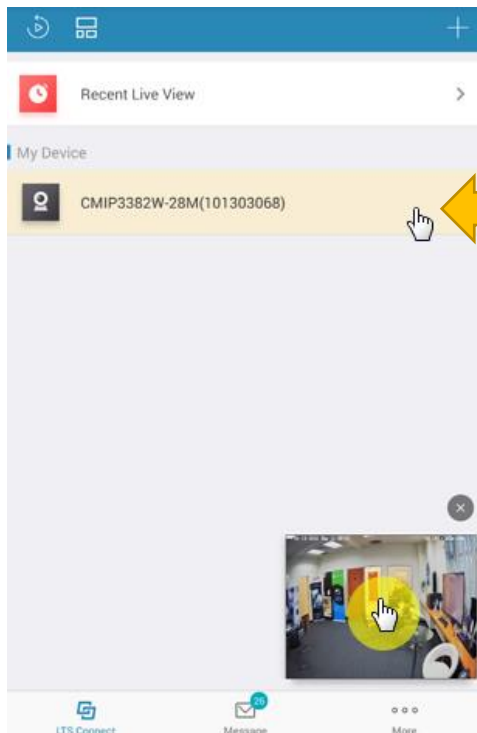
## Adding the LTS Devices into the LTS Connect.

For the first time, there is no existing device. Make sure Turns on the PTCloud function from the device first. Then, we need to add this Device QR Code to this account. (How to enable PTCloud from the device? Read KB – Setup PTCloud)

1. Enable PTCloud from your local IP device.
2. Click Add Device
3. Press the (+) sign to Scan the QR Code Sticker  
(Remember: QR code ONLY need add 1 time to the Master Account)
4. After Server verify the connection. Click Add.
5. Enter the verification code. The code you enter in the device.
6. Click Skip to finish.
7. Press Device and View it. (Done)

### Manual Adding

1. Click upper right + sign.
2. Select Manual Adding
3. Enter the ID number (9 Digits)
4. 5.,6.,7. same as the previous steps.



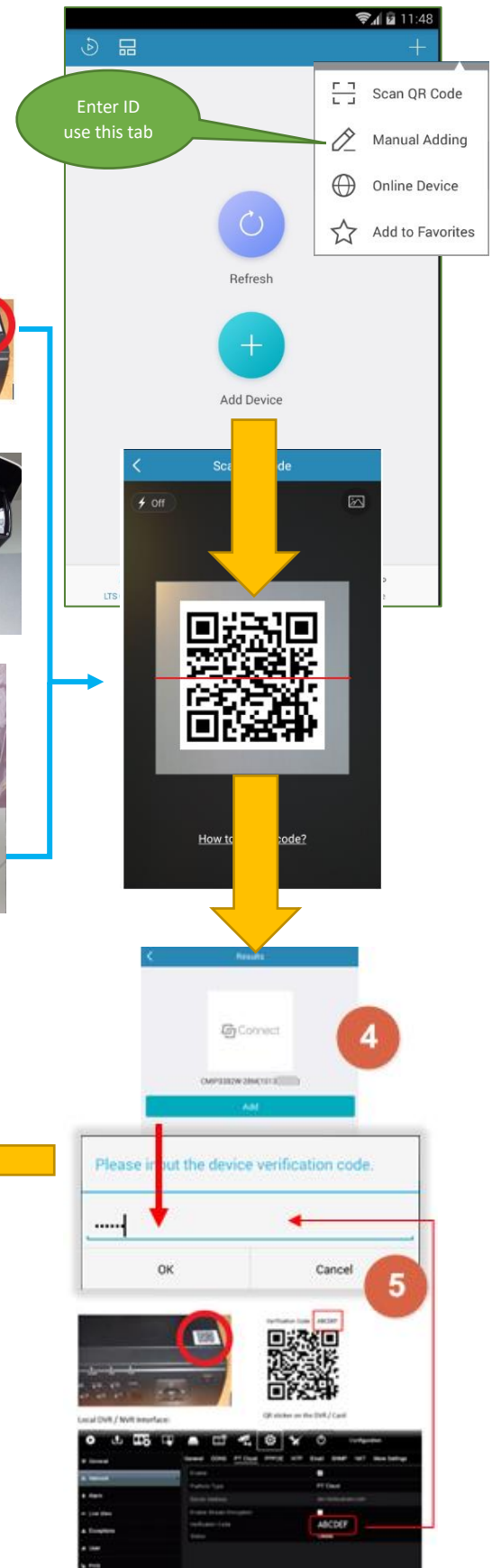
Adding Completed

Alias	CMIP3382W-28M(101303068)
Device Domain Name	101303068
Port Mapping Mode	Manual
Server Port Number	
HTTP Port Number	
User Name	admin
Password	

After setting the parameters above, the system will directly connect the device.

Finish

Skip






# 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






DoorBell(791746302)






DoorBell(791746302)









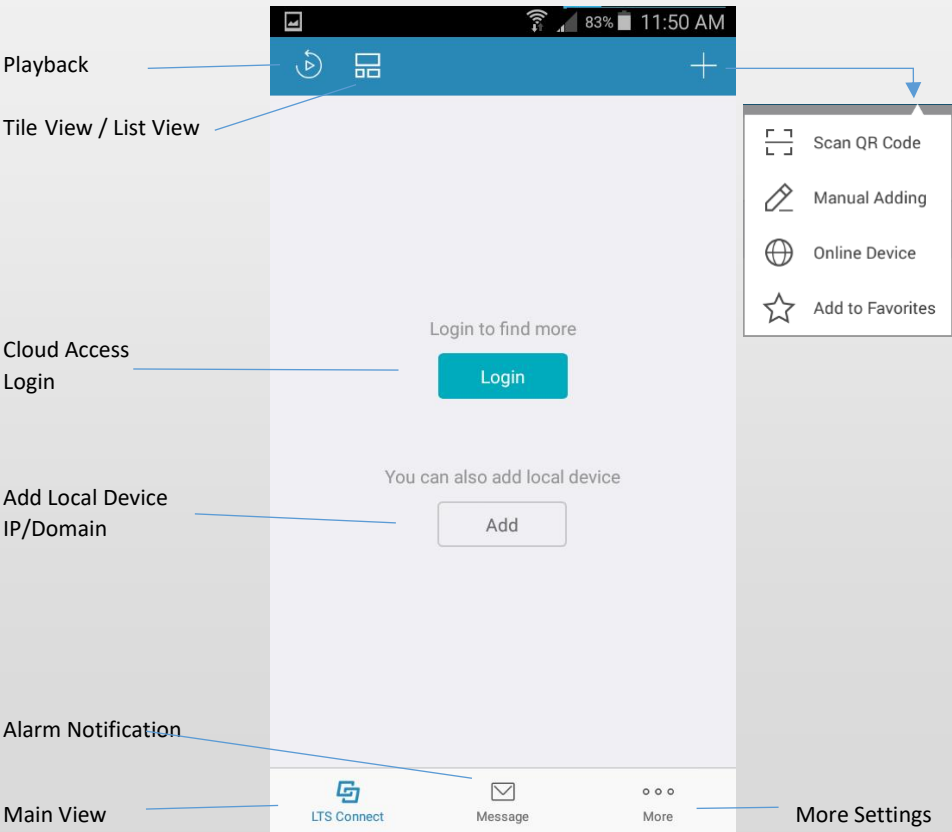


# LTS Connect Main User Interface

## Cloud Access Login

(See Page 5)

## Local Access

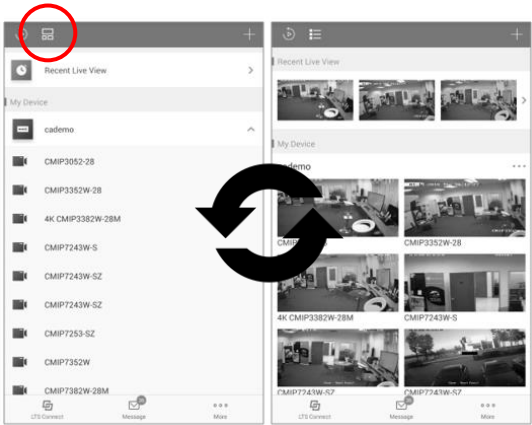


Scan QR Code	– Scan QR Code to add the devices.
Manual Adding	– Manual enter ID to add.
Online Device	– Same as IP Portal;
Add to Favorites	– Add current device to my favorites
Playback	– Remote Playback (Page 11)
Tile / List View	– Change Main View layout
Main View	– List all available devices.
Message	– Cloud Access Push Notification,
More	– Advance Setting: Pictures & Videos, Settings, Wi-Fi settings, and About version.

### FAQ:

Q: What is Tile View / ListView?

A: Tile view provide the previous viewing thumbnail picture. It can help to identify the camera view looks like. List view is the traditional listing layout.

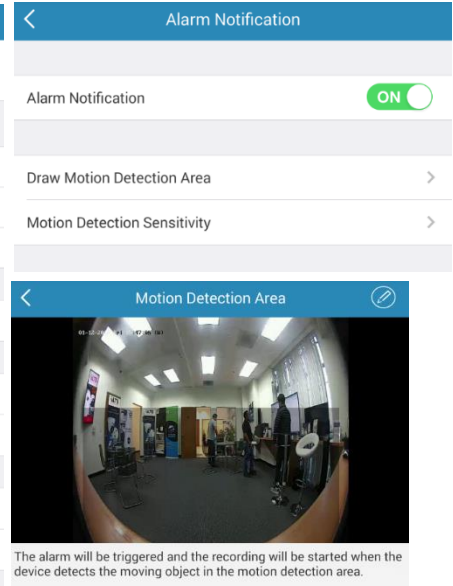
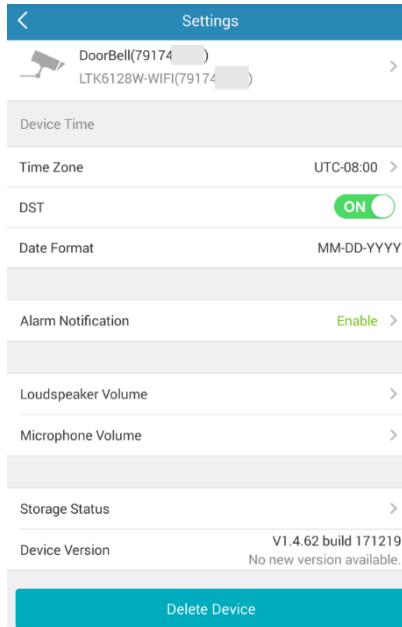
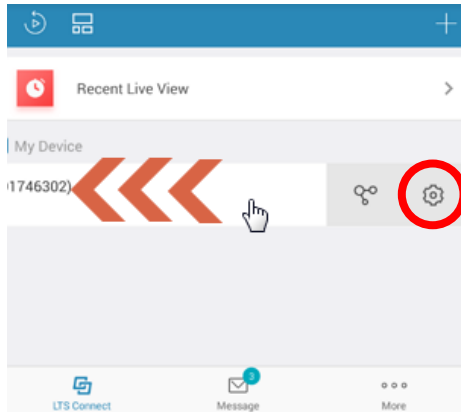




# Device Management

## Doorbell Configure button

Use finger swiping device from the right to the left. The setting button should reveal.

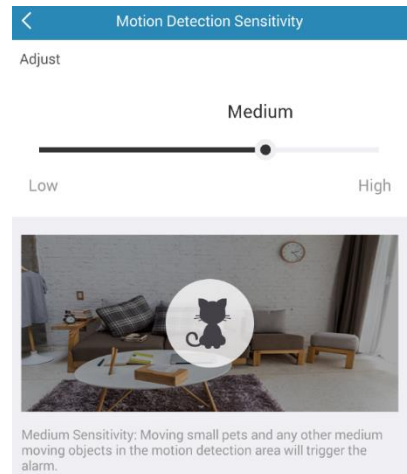


**Alarm Notification** -- (Push Notification) switch Enable / Disable / Schedule.

**Device Version** -- display current device Firmware Version. If a newer version is detected, you can upgrade it from here.

### (Caution - Delete Device)

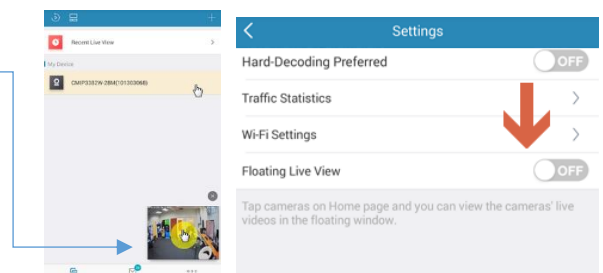
Press **Delete Device** button will remove device away from current account. This action will cause unbind the QR code, another PTCloud account will be allowed adding the QR code again.



## FAQ

Q: How to disable the Floating Live View?

A: Go to LTS Connect > ... More > Settings > Floating Live View (Off)

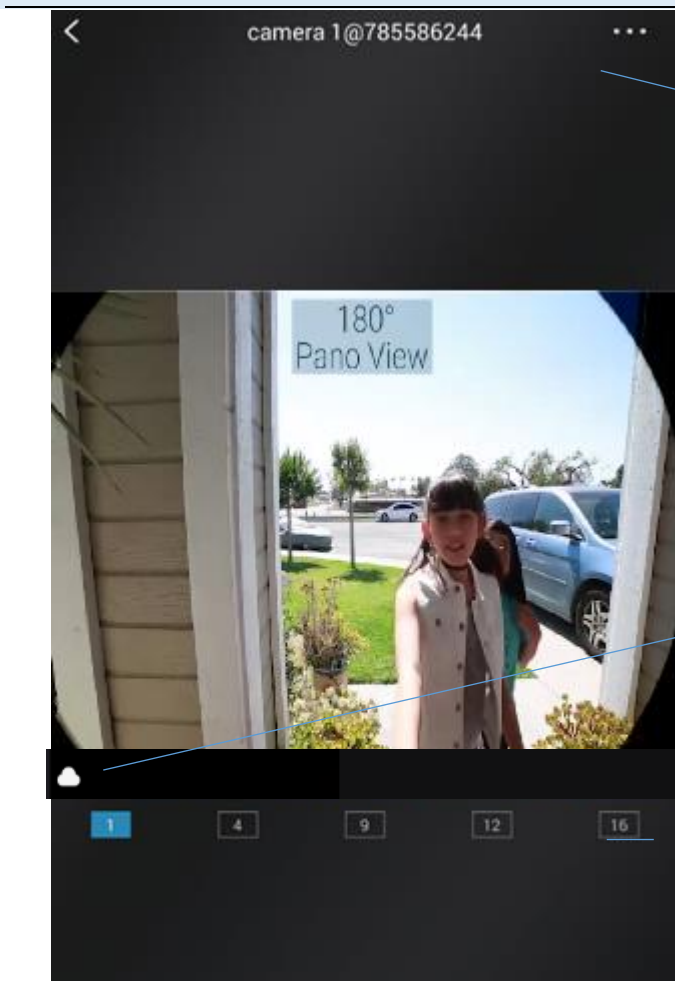


Q: How to Logout the account?

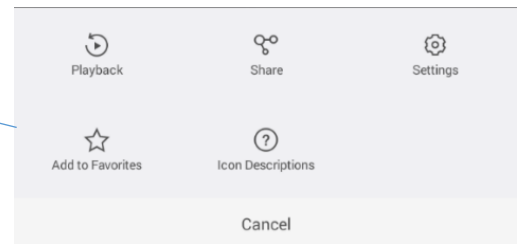
A: Go to LTS Connect (Main Screen) > ... More > Logout

*Tips: Open more camera at once, it needs more CPU speed / Bandwidth.*

*Try reducing the open number of channels to minimal as possible. Disable Floating Live View may improve the performance.*



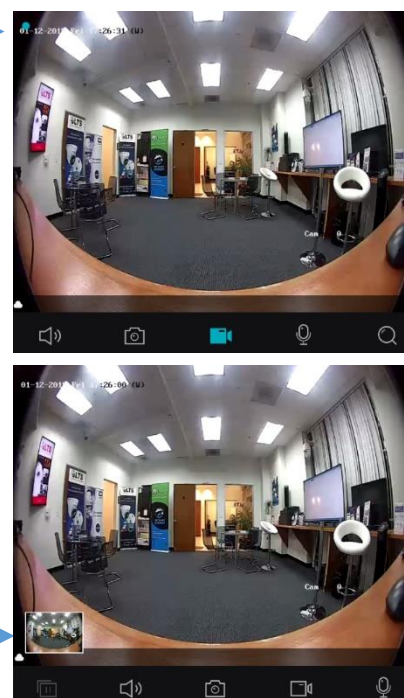
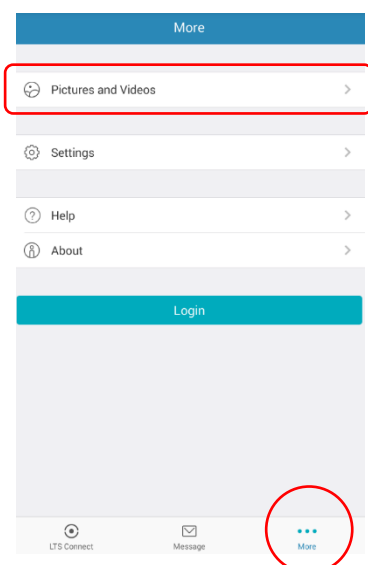
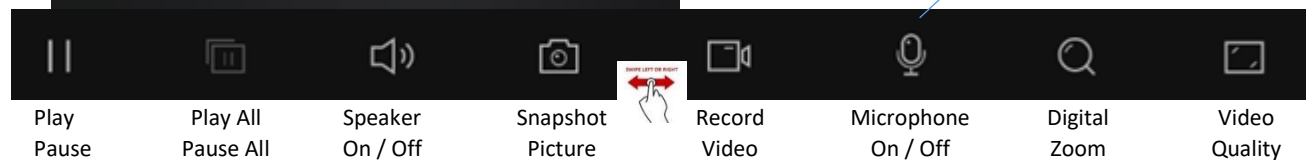
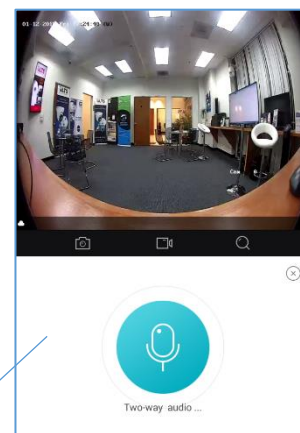
... More Functions



- Playback – Remote Playback
- Share – Share to another PTCloud Account
- Settings – Configure Device Settings
- Add to Favorites – Set to Favorites
- Icon Descriptions – Help

Cloud icon -- indicates this device is the Cloud device.

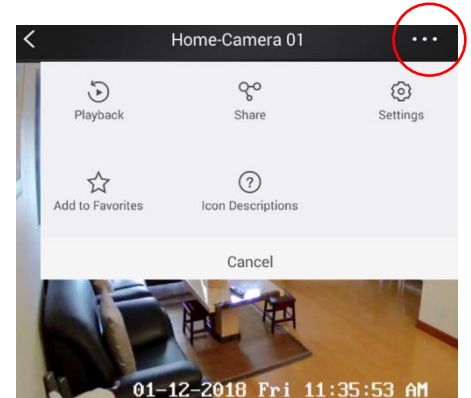
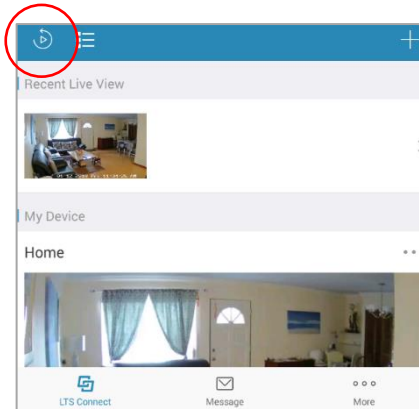
Screen Layout



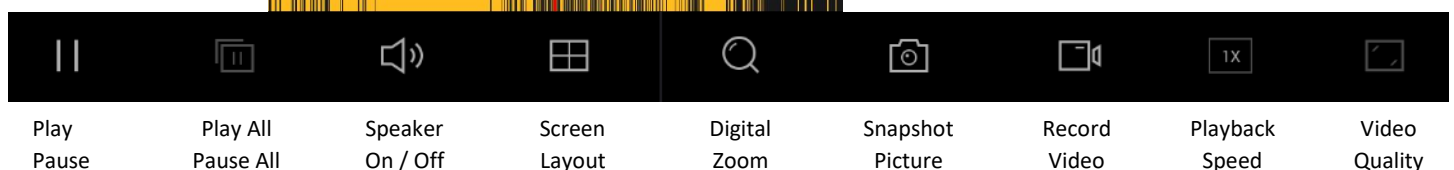
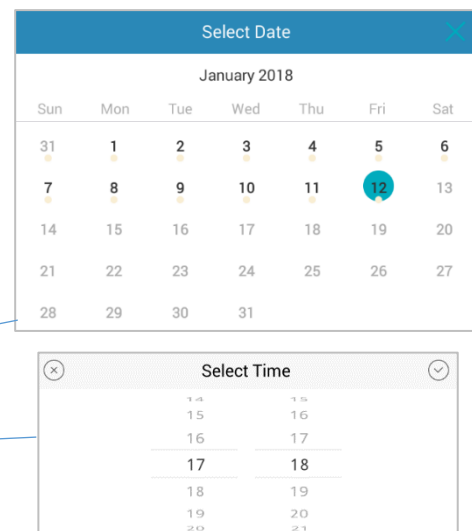
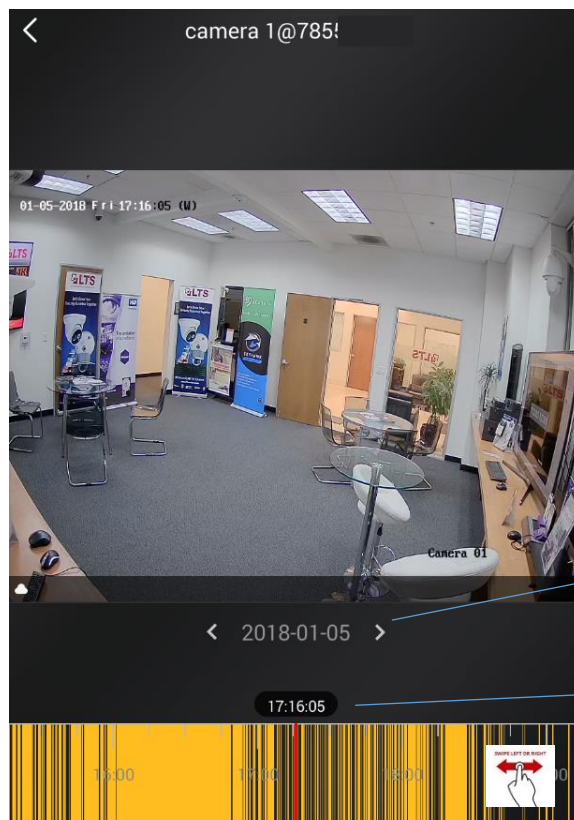
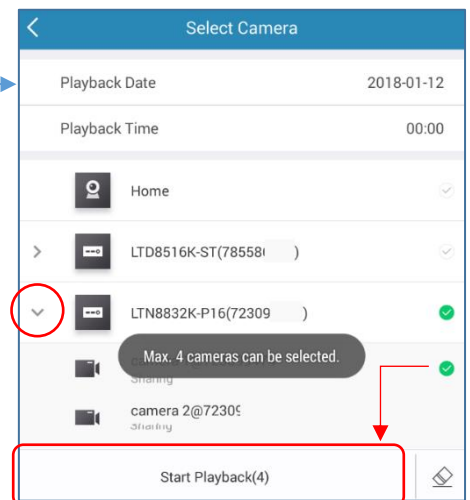
Two ways to access the video playback.

Go to the Main screen > Playback (upper left)

Or, access it from the Live View (... More)



1. Set the Date & Time from the Top first.
2. Select Device camera.  
(Note: Cloud account Playback only allow 1 channel, even the message shows Max to 4).
3. Click Playback at the bottom

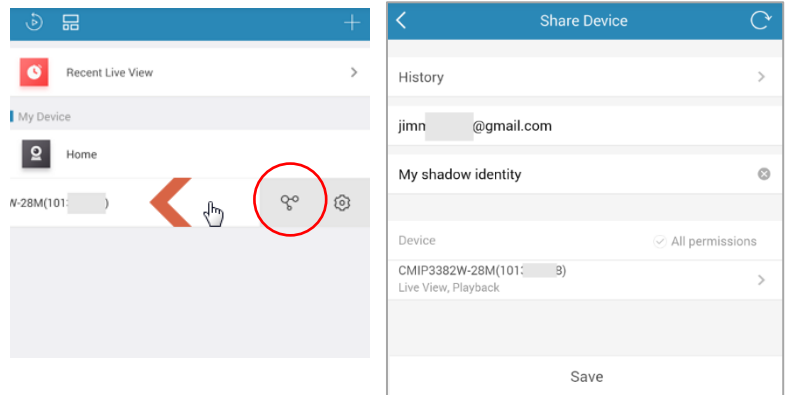


The share account (recommend up to 6) will allows other people to view the devices. The master account manage & control the allowance from here. The share account won't able to see the Master account all information (except the email address).

## Login to the Master Account first.

Main Screen, switch to List view first.

1. Swipe from the right to the left to see the icon.
2. Click the Share icon to open Share Device.
3. In the Email section, typing other active account email address.
4. Setup the permission/allowance, then Save it.
5. Now, the device has been shared.



## Login from another account

### Open LTS Connect App and Login the other Account.

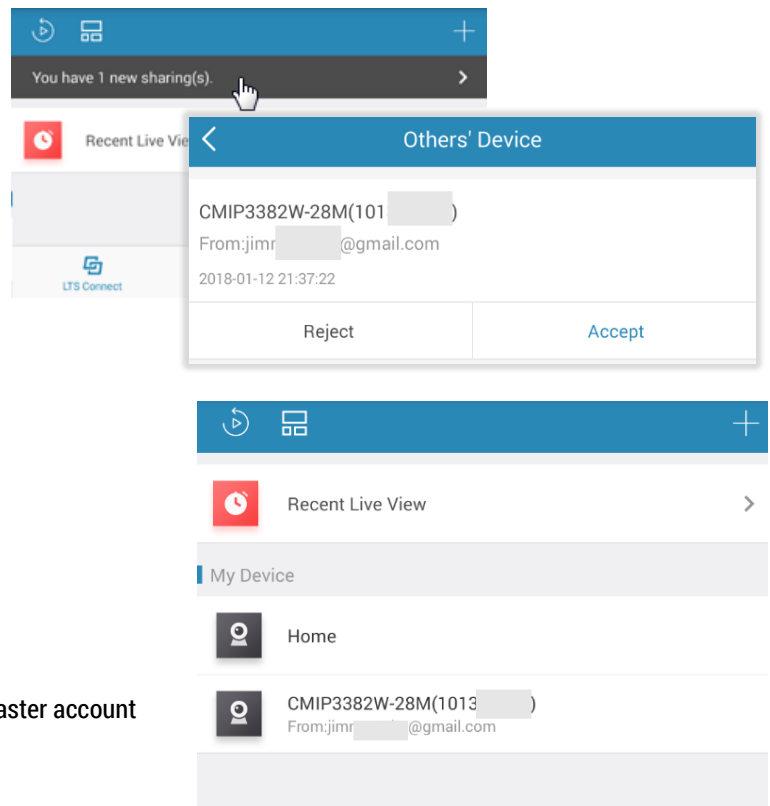
When another account receives the invitation, click the black banner message at the top.

After accepting it, and go back from the top.

Now, the device should be available from the list.

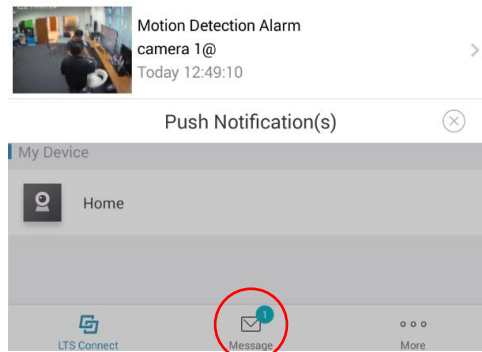
### Notice:

If the device is shared from another account, it will display the master account email address.

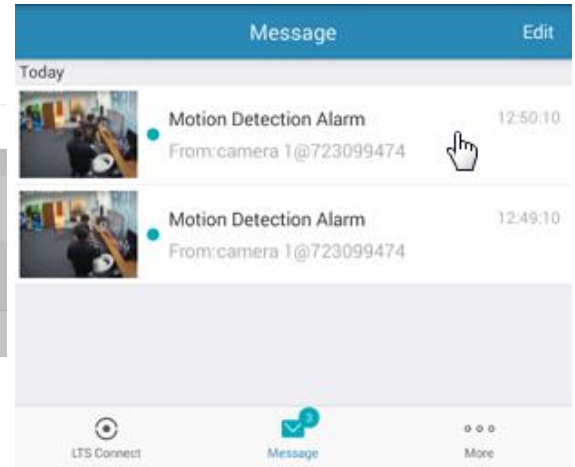


Message –  
Handle all Alarm Notification.

(Notice: Message supports for the  
Cloud account only)

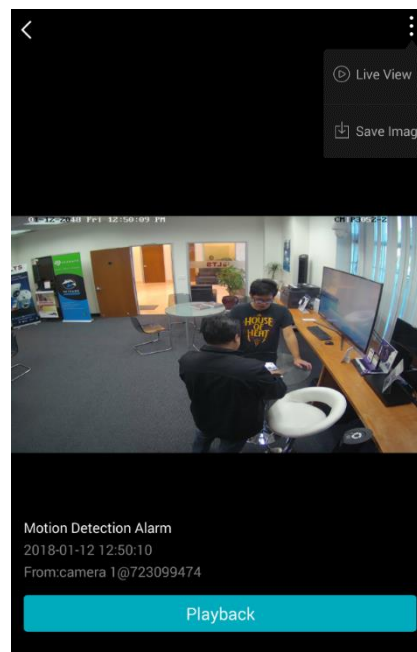


When the Alarm (Push) Notification has been triggered.  
It will pop up the message at the top.

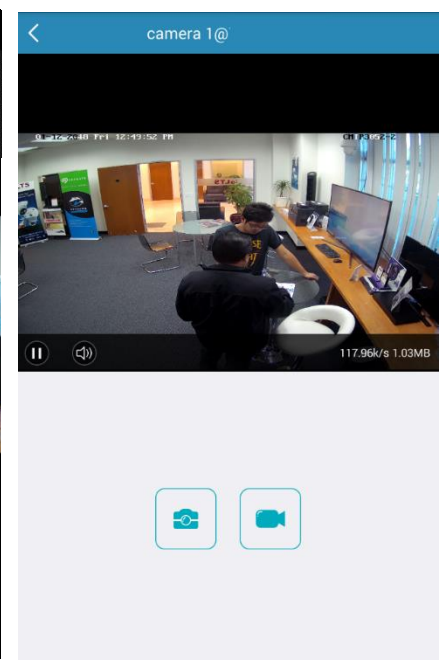


After going to the message, click the Tag.  
(see finger icon). It will switch to full screen.

Playback button shows at bottom  
(Solid blue if the video has been recorded. If not, please check the  
device storage)

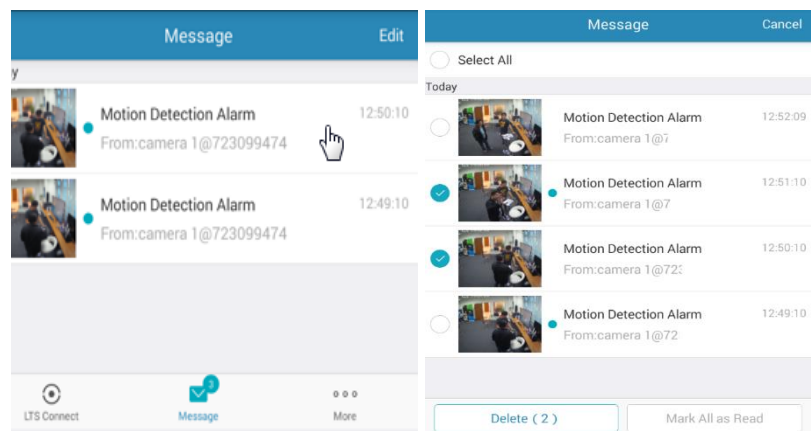


After clicking it, the video playback should be  
displayed.



## Manage Alarm Notification Message

If the message has been read, or you want to  
ignore it. Click the Edit button to manage it.

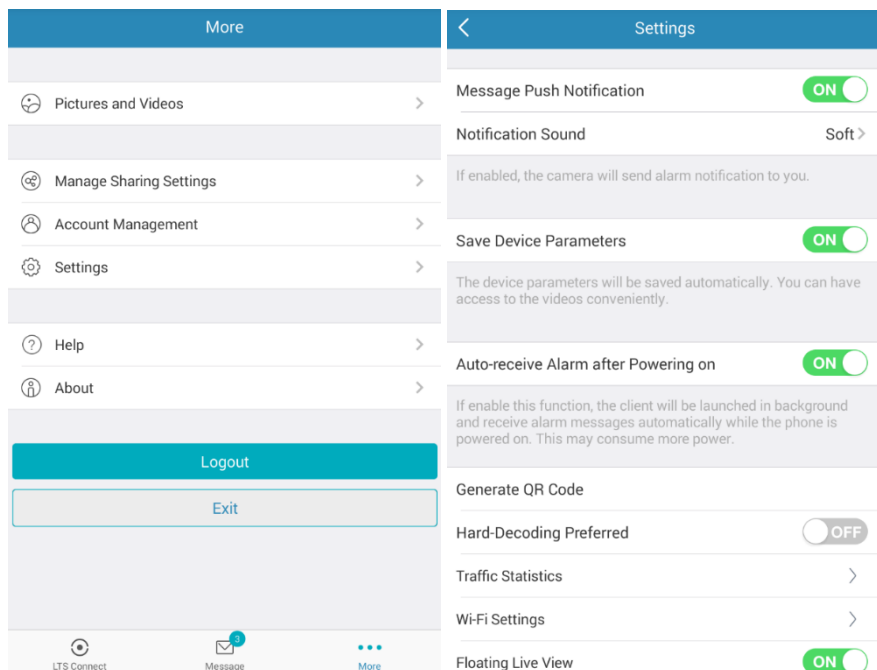


# Advance Settings

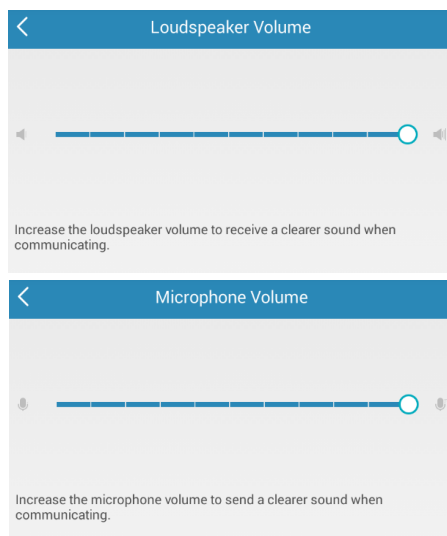
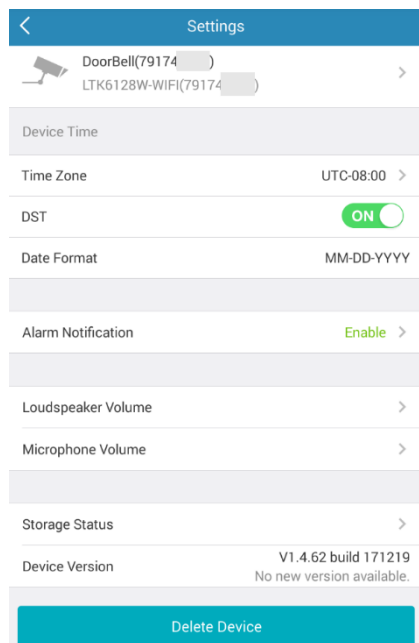
...More > Settings

## 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.

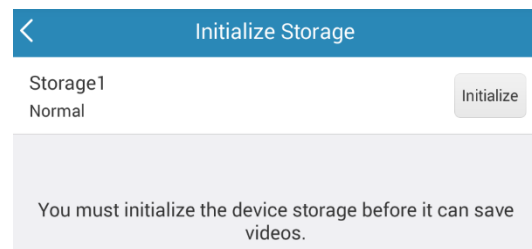
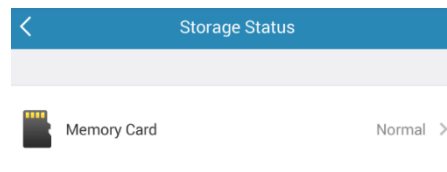


## Advance Settings – Adjust Volume



### Adjust Speaker Volume

### Adjust Microphone Volume





## Basic Operation – Insert MicroSD card / Format

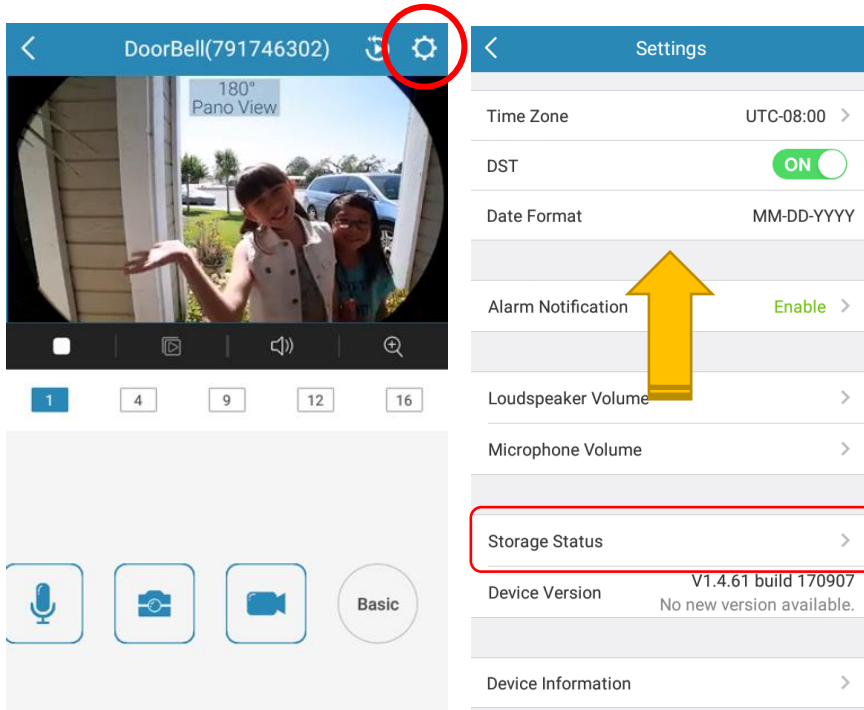
Open the camera case cover, and remove the protective cap.  
Insert the MicroSD card in the slot. Gentle insert the MicroSD card  
and push into secure position. Put the water protection cap back.



### Important:

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

Select Doorbell camera, go to Start Live View first.



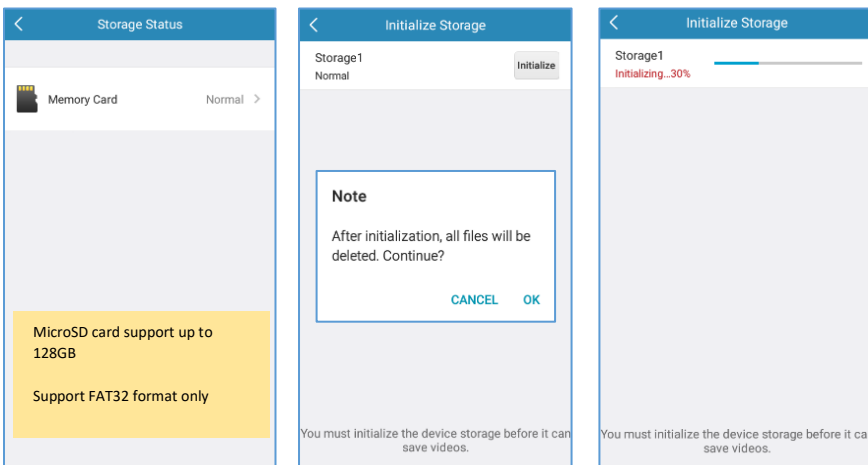
### Check Time Zone

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

### How to initialize the SD card?

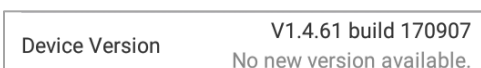
Go to Camera Live View first.

**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.

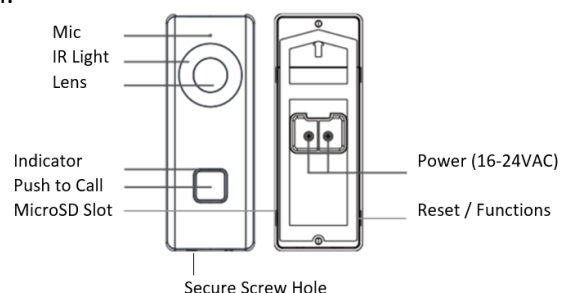
# Specifications

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

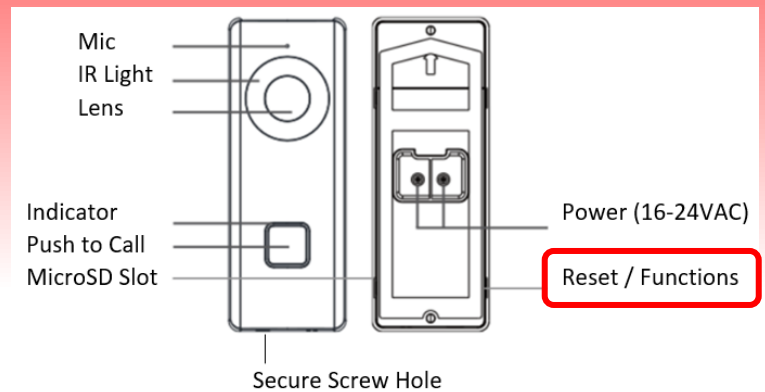


## Advance Operation – Reset

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

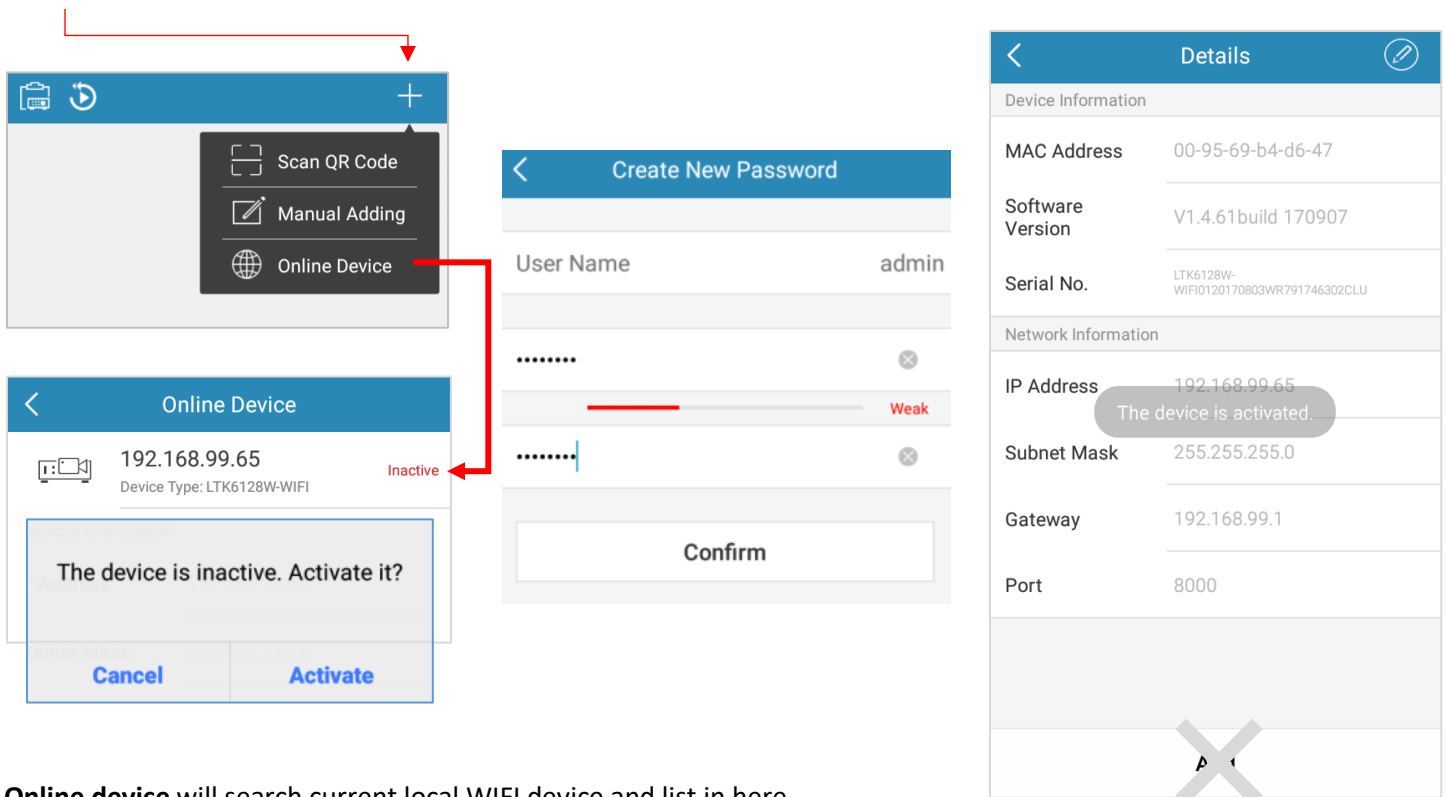
**Default:** If you keep press more than 15sec, the doorbell will respond “**the device is rebooting**”. Then, the device will reset back to default. The button will Cycle between **Blue** & **Red** Status.

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



## Advance Operation – Finding the Local IP Address / Activate Local access

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.

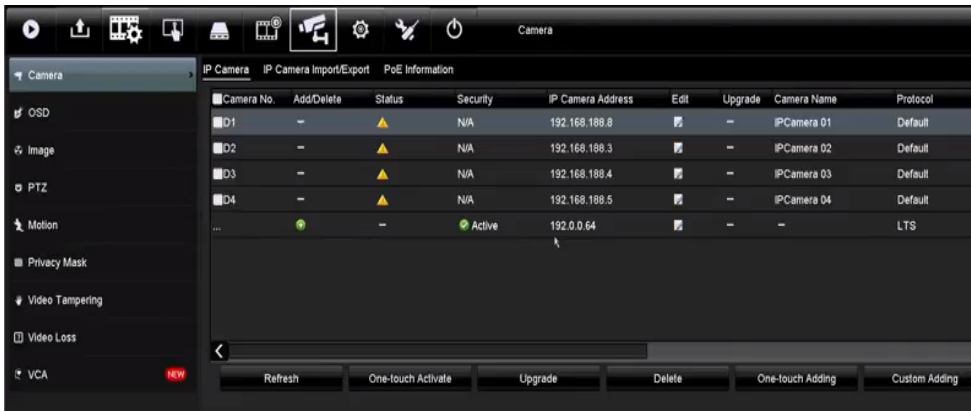
After it activated, No Need to click Add at the bottom.


Now, you are ready to connect the NVR system.

Doorbell Camera Default password  
admin**VERIFICATION\_CODE** (see QR code sticker)

## 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.

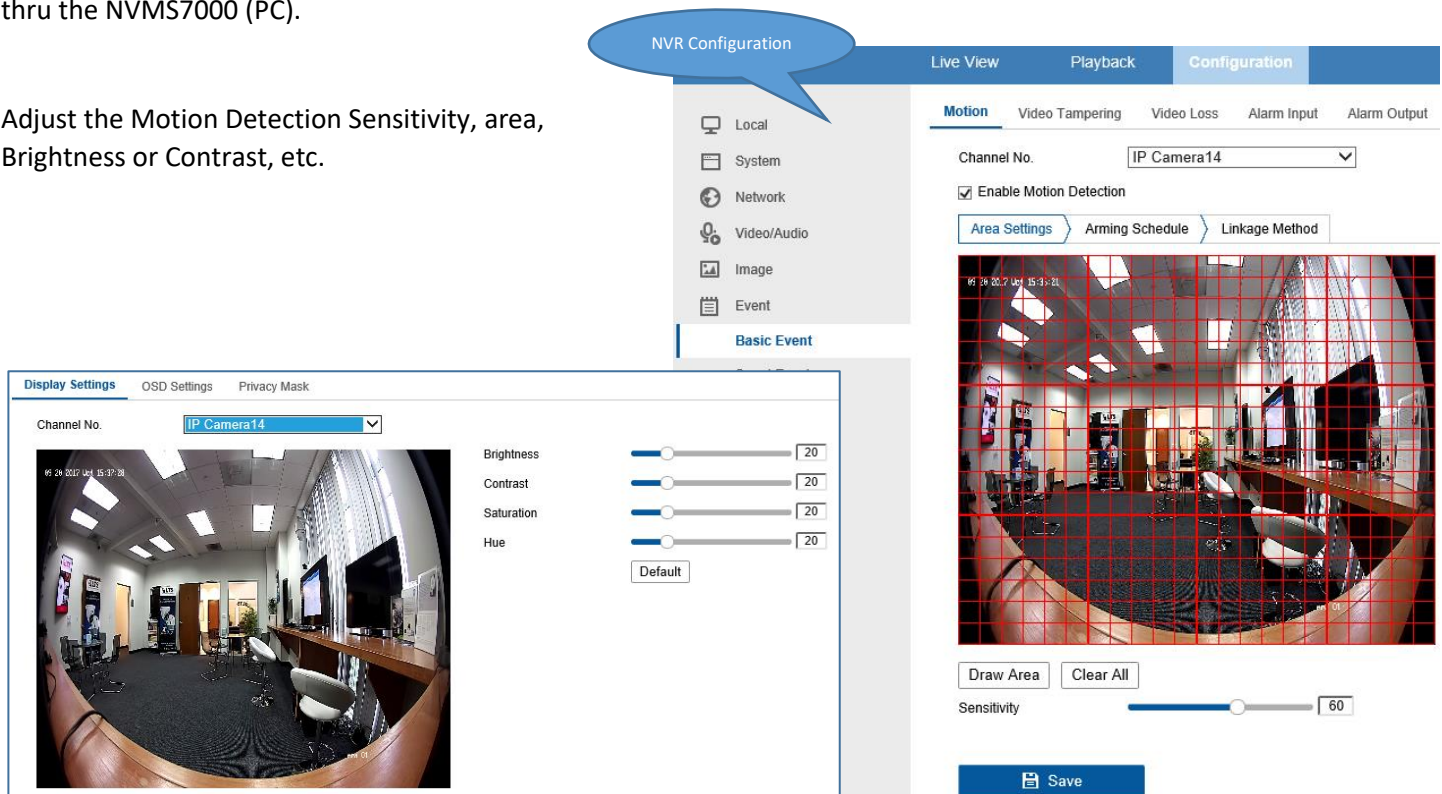
Enter the doorbell camera IP address, ID, and password correctly & finished.

**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.