

# JOVISION



## Quick Start Guide

### JVS-H210

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<http://en.jovision.com>

## FCC Certification Requirements

Caution: Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

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.

The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons.

## Statement

Thank you for choosing Jovision, this user manual is intended for users of JVS-H210 network camera. It includes instructions on how to use the product. The software embodied in the product is governed by the user license agreement covering that product.

### About this Manual

This Manual is subject to domestic and international copyright protection.

Jovision Technology Co., Ltd. ("Jovision") reserves all rights to this manual. This manual cannot be reproduced, changed, translated, or distributed, partially or wholly, by any means, without the prior written permission of Jovision.

### Privacy Notice

Surveillance laws vary by jurisdiction. Check all relevant laws in your jurisdiction before using this product for surveillance purposes to ensure that your use of this product conforms.

### Support

Should you have any questions, please do not hesitate to contact your local dealer.

### **CHANGE THE DEFAULT PASSWORD**

#### **Default Network Camera Account :**

**Username: admin    Password: 123456**



*The default password (123456) for the admin account is for first-time log-in purposes only. You should change this default password to better protect against security risks, such as the unauthorized access by others to the product that may prevent the product from functioning properly and/or lead to other undesirable consequences.*

*For your privacy, we strongly recommend changing the password to something of your own choosing (using a minimum of 8 characters, including upper case letters, lower case letters, numbers, and special characters) in order to increase the security of your product.*

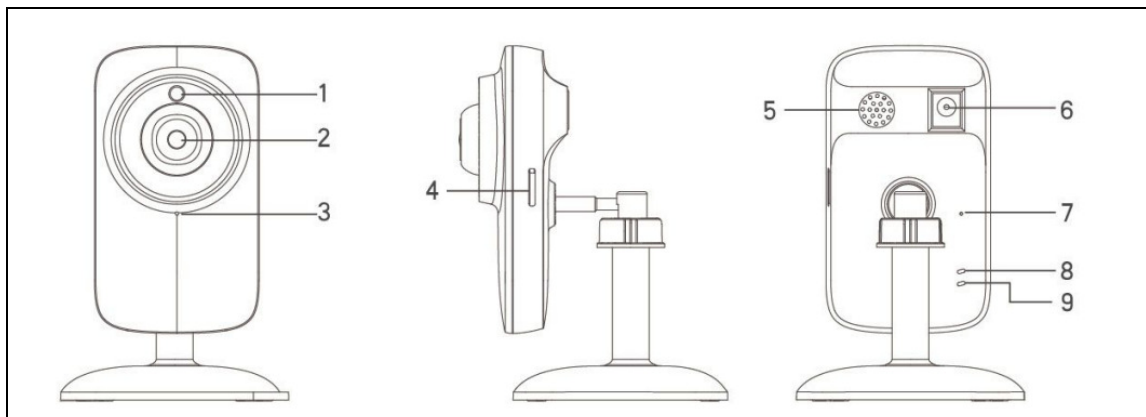
*Proper configuration of all passwords and other security settings is the responsibility of the installer and/or end-user.*

# 1 Introduction

## 1.1 Appearance and Interface

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No.	Name	Description
1	Photo-resistor	Light-controlled variable resistor, control IR cut filter switch
2	Lens	Optical imaging element
3	MIC	Microphone
4	TF Card Slot	Maximum: 64GB
5	Speaker	Audio out
6	Power	DC 5V/1A
7	Reset	1. Press 3 seconds to start soundwave configuration 2. Press 15 seconds to reset the device.
8	Power Light	Indicates the power is on.
9	Network Light	1.If hasn't been configured, green light will flicker equally. 2. If has been configured, green light will flicker with one long and one short.

### 1.2 Specification

Image Sensor	1/4"CMOS 1.0MP
Resolution	1280×720@25fps
Focus	3.6mm Fixed 71°
Local Storage	64G
Temperature	-20°C ~ 55°C
Humidity	10% ~ 90%
Power Supply	DC 5V/1A
Power	≤3.2W
Material	White ABS+PC
Size(W×H×D)(mm)	78×120×90
Weight(g)	130

## 2 Installation

### 2.1 Ceiling Mounting

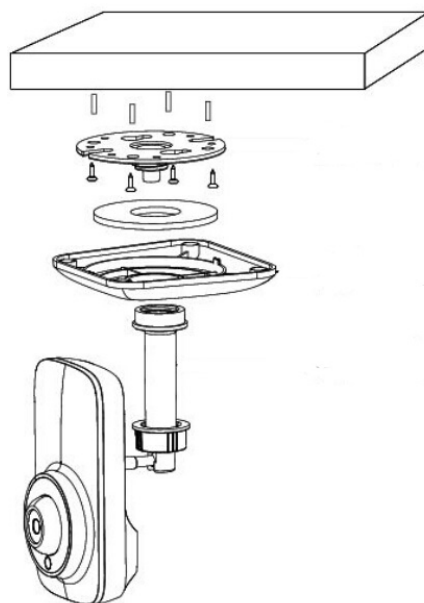
**Before you start:**

H210 can be installed to wall/ceiling or fixed on desktop. Ceiling mounting is taken as an example in this section; if you adopt wall mounting, you can also take below procedure as a reference.

**Steps:**

1. Attach the mounting (bottom base of the H210 which can be removed) to the ceiling and tighten the screws to fix it.

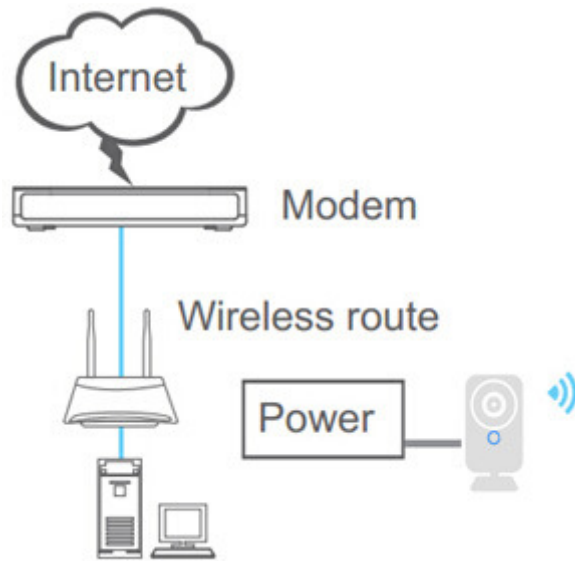
2. Rotate the base to secure it to the bottom base, and secure H210 camera on the mounting base.

**Notes:**

Please make sure that the ceiling can support more than 50(N) Newton gravities if the camera is fixed to the ceiling.

## 3 Network Connection

### 3.1 Wireless connection



## 4 Preparation on Smart Phone (iOS, Android)

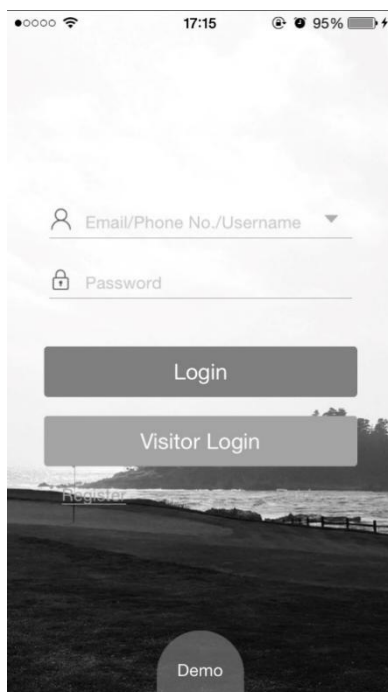
### 4.1 Get CloudSEE APP

1. Search "CloudSEE" in App Store (iOS) or Google play (Android).
2. Get and install CloudSEE on your smart phone.

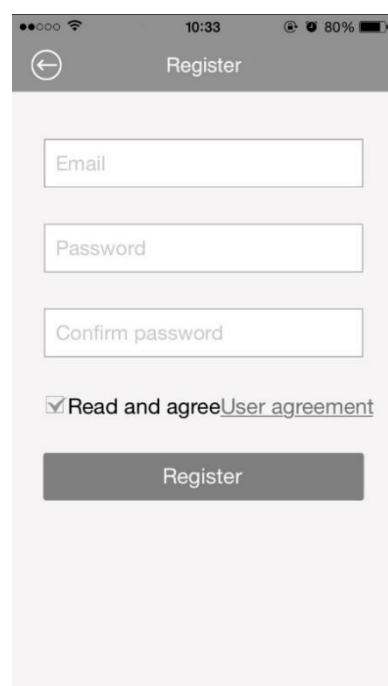
### 4.2 Register CloudSEE Account

#### Notes:

You need to register a CloudSEE account before using CloudSEE service which is free. Although you can use "**Visitor Login**", but we strongly recommend that register your own account for better experience. With CloudSEE service account, devices list will automatically upload and store in cloud, and when you login CloudSEE with your account on other smart phones, you can access to all these devices without adding them again.



1. Open CloudSEE App, and tap "**Register**" on Login Page.



2. Input your E-mail and password, make sure the E-mail has not been registered, tap Register, account will login automatically if the register succeed.

### 4.3 Power-on the Device

Connect H210 with power adapter, and wait for a minute while it is self-checking. After that, we can start.



## 5 Add H210 on Smart Phone (iOS, Android)

### **Before you start:**

The device has to be configured by “**Add by Sound Wave**” or “**Add Wi-Fi Device**” for first-time use if you want to use wireless connection.

Press reset button for about 3 seconds and release to start sound wave configuration

Press reset button for about 15 seconds and release to reset the device.

All the operations are with audio prompts.

### 5.1 How to Choose Device Adding Methods

Methods	Situation	Connection
Add by CloudSEE ID	The device had been connect to Internet and get CloudSEE ID online.	Wireless
Scan QR Code	The device had been connect to Internet and get CloudSEE ID online.(The same as “ <b>Add by CloudSEE ID</b> ”)	Wireless
Add Wi-Fi Device	First-time use or the device has been reset.	Wireless
Scan Devices in LAN	The device has been connected to the same network as your smart phone.	Wireless
Add by sound wave	First-time use or the device has been reset.	Wireless

### 5.2 Add by Sound Wave

#### **Notes:**

- Set the volume of your phone to maximum level before this operation.
- Make sure there is no noise when add the device by sound wave.
- Keep the speaker of your phone close enough to the MIC of the device when sound wave is playing



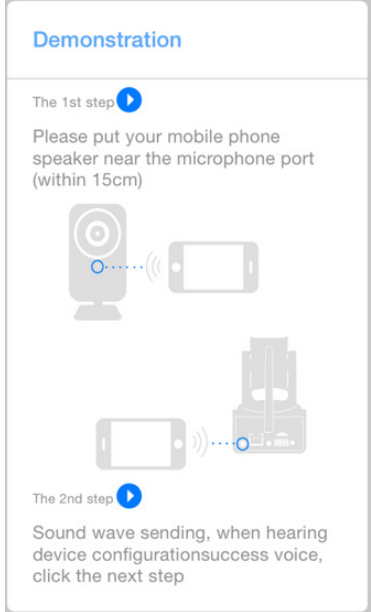
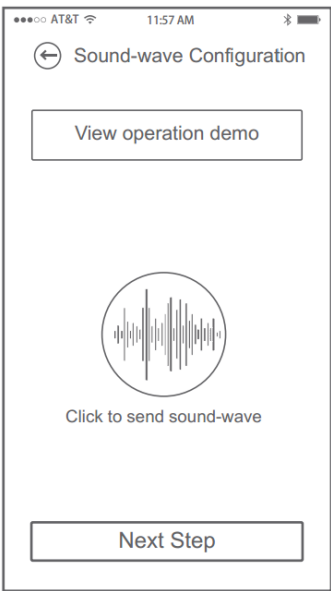

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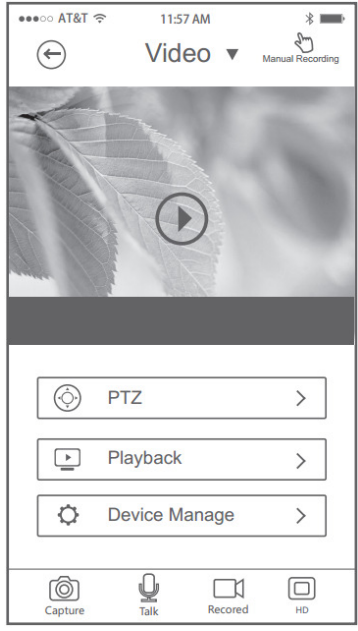


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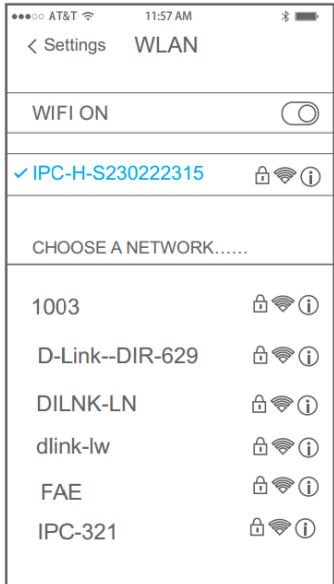
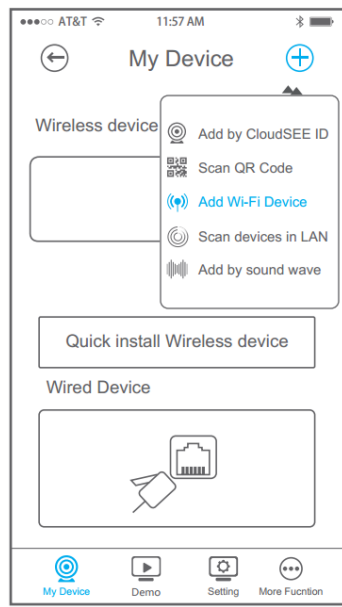


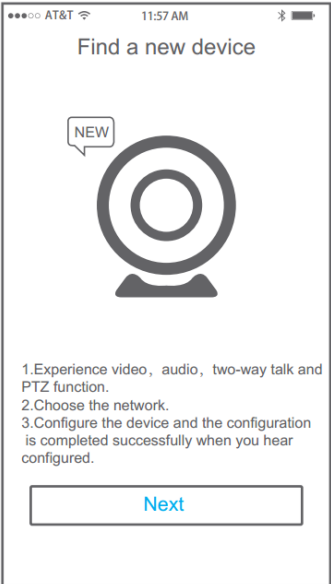
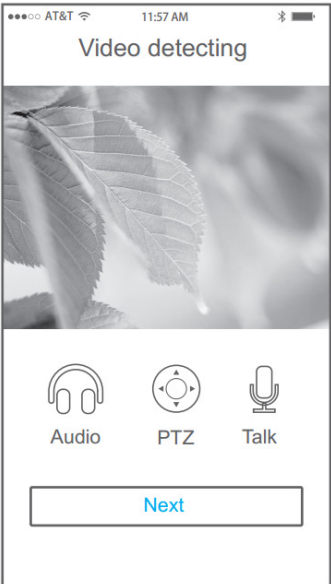
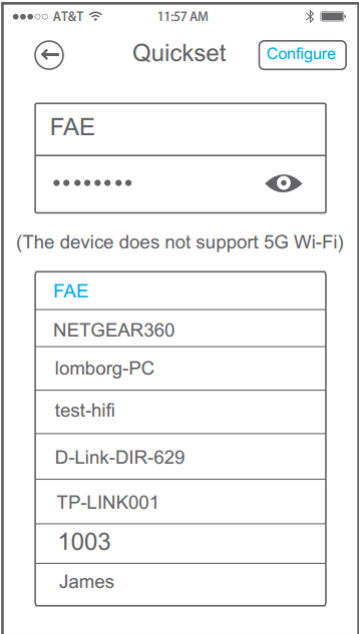
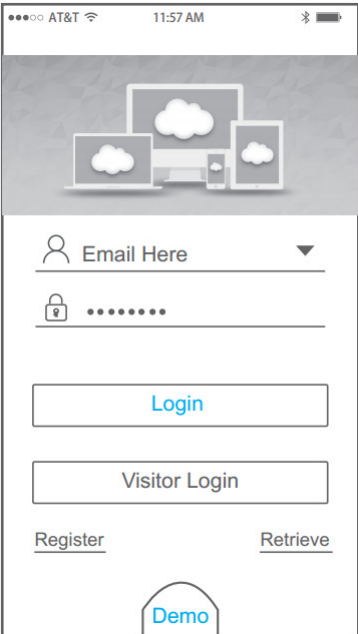
Select the network which your phone joined,


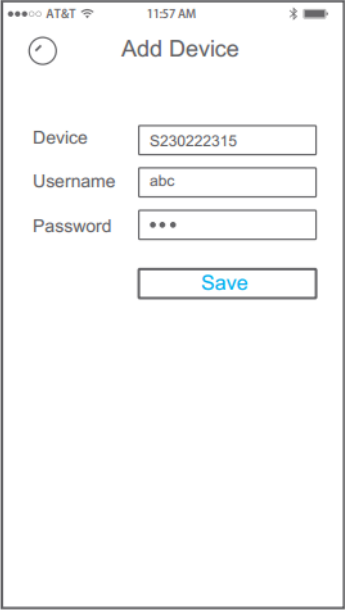

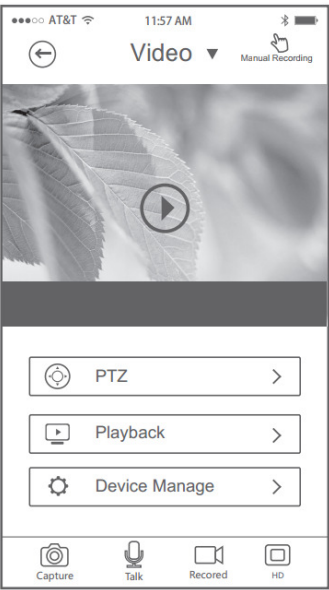
<p>Tap , and select <b>"Add by sound wave"</b></p>	<p>input the password and tap <i>Next</i>.</p>
<p>③</p>  <p>Press reset button for at least 3 seconds until hear the voice <b>"Start voice configuration"</b>, then release the button and tap <i>Next</i></p>	<p>④</p>  <p>There will be a demonstration with audio instructions on how to use this function. Then close the demonstration.</p>
<p>⑤</p>  <p>Keep the speaker of your phone close enough to the MIC of H210, click the sound wave icon to send sound wave, you can send it for many times until hear the voice <b>"Receive network configuration"</b>, which means the device has joined the network.</p>	<p>⑥</p>  <p>Then CloudSEE starts scanning devices in the network. Choose the one you want to add, and click <b>Add</b></p>

<p><b>7</b></p>  <p>The device will be added.</p>	<p><b>8</b></p>  <p>Tap the device on the list, live video will display.</p>
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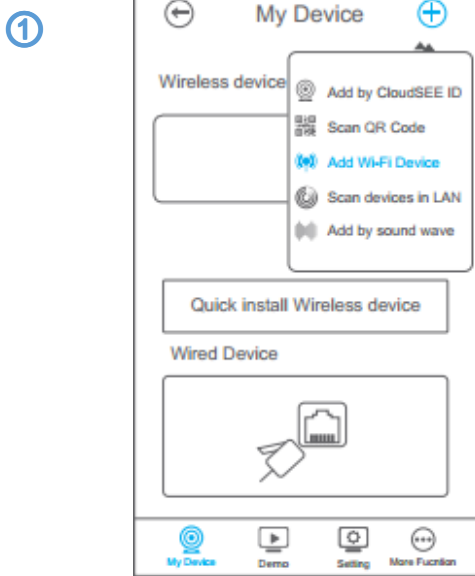
### 5.3 Add Wi-Fi Device on iPhone

<p><b>1</b></p>  <p>Power-on the device, wait for about 40 seconds, H210 will create an AP, choose this AP (IPC-H-XXXXXXX) from the WLAN settings of your iPhone, and enter the password (12345678) when prompted.</p>	<p><b>2</b></p>  <p>Open CloudSEE App, Tap <b>+</b>, and select <b>"Add Wi-Fi Device"</b>.</p>
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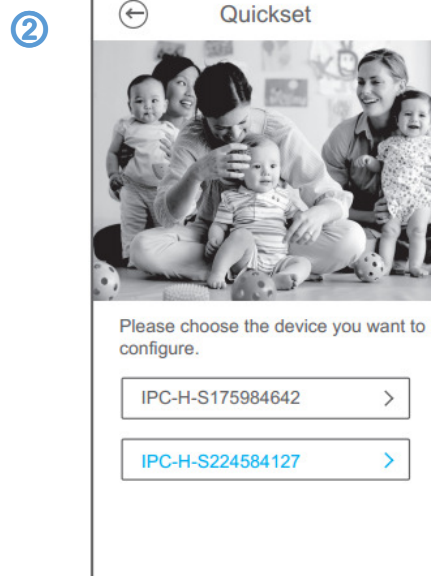
<p>③</p>  <p>CloudSEE will prompt that a new device has been found. Tap <b>NEXT</b>.</p>	<p>④</p>  <p>Then the live video of the device will display, you can access <i>Audio</i>, <i>PTZ</i>, <i>Talk</i> function here, but we haven't finished configuring yet, Tap <b>NEXT</b>.</p>
<p>⑤</p>  <p>Select the Wi-Fi network for H210 and input the password, tap <b>Configure</b>. After hearing <b>success</b> from the device, you <b>NEED</b> to close the app and switch Wi-Fi network of your iPhone to the one which H210 is connected.</p>	<p>⑥</p>  <p>When the Wi-Fi connection is completed, Open CloudSEE App again.</p>

<p>7</p>  <p>CloudSEE will prompt that <b><i>“A new device has been configured by you”</i></b>, tap <b>Add</b>.</p>	<p>8</p>  <p>Confirm the information of the device, and tap <b>Save</b></p>
<p>9</p>  <p>The device will be added.</p>	<p>10</p>  <p>Tap the device on the list, live video will display.</p>

## 5.4 Add Wi-Fi Device on Android



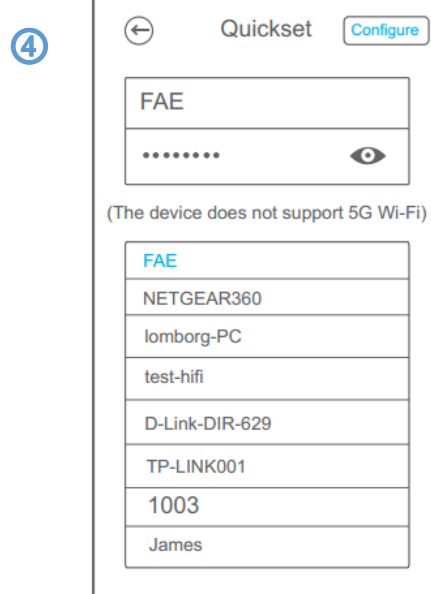
Open CloudSEE App, Tap **+**, and select **"Add Wi-Fi Device"**.



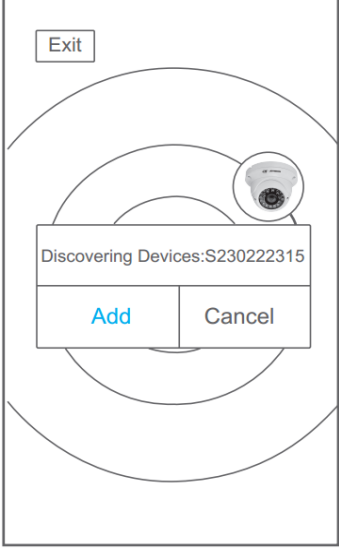
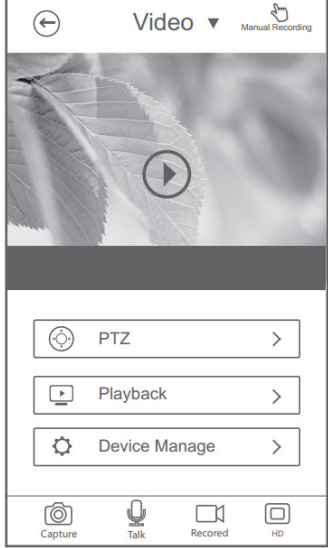
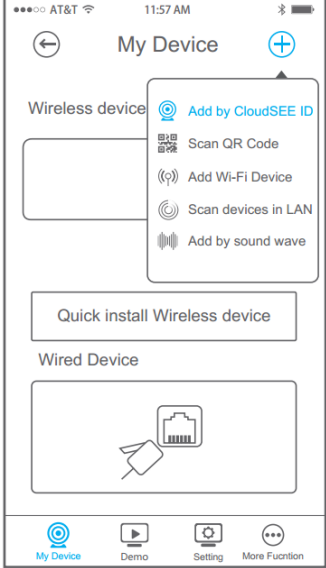
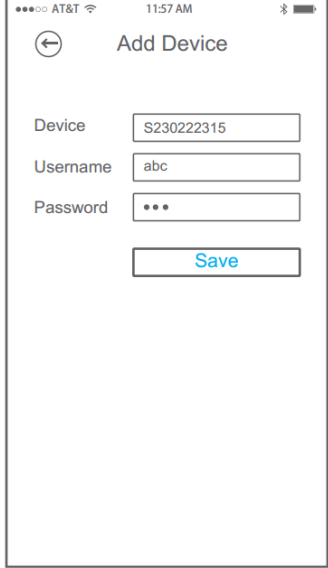
The app will scan AP from H210 and list them, select the one you want to add. You can check whether it is the one in next step, or go back to this page to choose another.


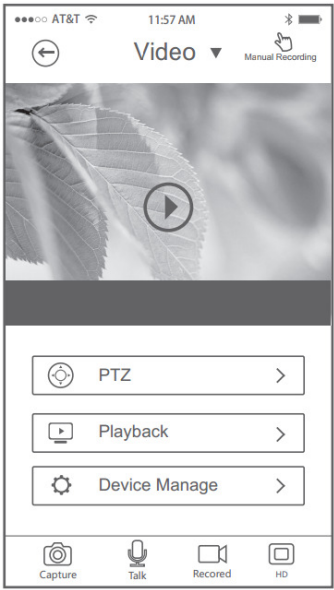


Then the live video of the device will display, check the picture and confirm you can also access *PTZ*, *Two-way Talk* function here, but we haven't finished configuring yet, Tap **NEXT**.



Select the Wi-Fi network for H210 and input the password, tap **Configure**.


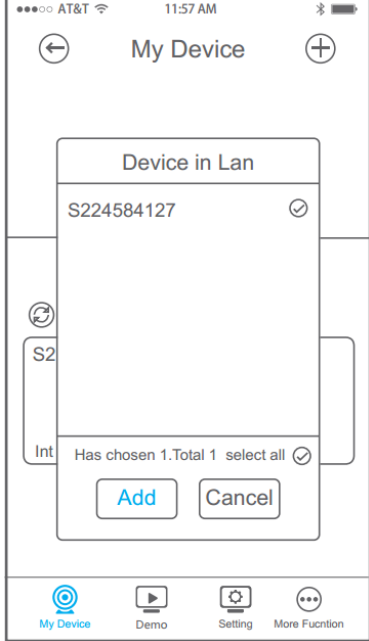
<p>⑤</p>  <p>Then CloudSEE will prompt that “<b>Discovering Device</b>”, and click <b>Add</b></p>	<p>⑥</p>  <p>Tap the device on the list, live video will display.</p>
<p>5.5 Add by CloudSEE ID</p>	
<p><b>Notes:</b></p>	
<p>This method requires that the device be connected to Internet and get CloudSEE ID online first.</p>	
<p>①</p>  <p>Open CloudSEE App, Tap ⊕, and select “<b>Add by CloudSEE ID</b>”.</p>	<p>②</p>  <p>Input <i>CloudSEE ID</i>, <i>Username</i>, <i>Password</i> of the device, tap <b>Save</b></p>

<p>③</p>  <p>The device will be added.</p>	<p>④</p>  <p>Tap the device on the list, live video will display.</p>
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### 5.6 Scan devices in LAN

#### Notes:

This method requires that the device be connected to the **SAME** Wi-Fi network with your smart phone first.

<p>①</p>  <p>Open CloudSEE App, Tap <b>+</b>, and select “<b>Scan devices in LAN</b>”.</p>	<p>②</p>  <p>Then CloudSEE will detect devices in the LAN, choose the device(s) and tap <b>Add</b>.</p>
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3

AT&T 11:57 AM

My Device

S224584127

Internet online Wi-Fi

S288960969

Internet online Wi-Fi

My Device

Demo

Setting

More Fuction

The device will be added.

4

AT&T 11:57 AM

Video

Manual Recording

PTZ

Playback

Device Manage

Capture

Talk

Recored

HD

Tap the device on the list, live video will display.

16

## Appendix

### I Packing List and Qualification Card

No.	Component	Units	Amount
1	H210	PCS	1
2	Power Adapter	PCS	1
3	Quick Start Guide	PCS	1
4	CD	PCS	1

Notes: Accessories may vary due to different models, please take the actual model received as standard.

