



iSee HD

Android APP UI Operations

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Warning

1. Use careful with the earphone maybe possible excessive sound pressure from earphones and headphones can cause hearing hurt.
2. Using a power supply with a different voltage rating than the one included with our product will cause damage for this product. Do not arbitrarily replace the adapter.
3. The device complies with RF specifications when the device used over 1.5cm form your body.
4. Operating case temperature: 0 °C ~ 55 °C.



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1. Install *iSee HD* to Android Mobile

Android APP, "*iSee HD*", have been officially released. You can search on Google Play Store and install it (Fig. 1-1). APP ranking will be affected by downloads and scores, thus ranking may vary. Users may need to slide up and down to find.



Fig. 1-1

If you have installed "QR Code" scanner, you can also scan the following QR Code (Fig. 1-2). Next, you can select the "*Play Store*" (Fig. 1-3) to install.



Fig. 1-2

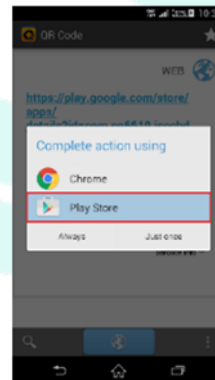


Fig. 1-3

2. iSee HD Operations for Android

“iSee HD” APP for operating our Wi-Fi Camera products. Next, we will detail the various functions and methods.**Main Page**

The main page shows IPCam list, and provide added and deleted IPCam function. You can also see how many unread event messages and set the special functions of “iSee HD” in this page.

IPCam list shows matched all IPCam. When mobile has connected to the Internet, users can click the IPCam item to enter the preview page, and receive live streaming (Fig. 2-1). The icon in front of each IPCam item, shows the IPCam is online, “🟢”, or offline, “🔴”.



Fig. 2-1

2.1.1 Menu Button --- ☰

Click the menu button, it will show the special functions of APP, such as “Bandwidth Test”, “Smart Streaming”, “Demo IPCam”, “Feedback”, and “Version Info”. (Fig. 2-2)

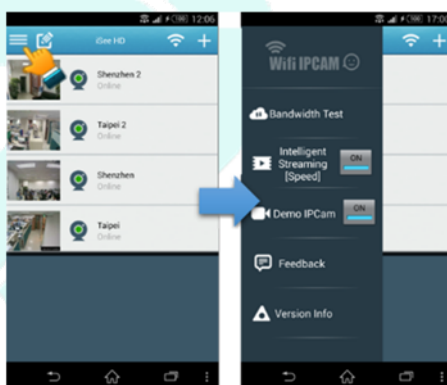


Fig. 2-2

“**Bandwidth test**” provides users to test the network speeds. If users is often unable to connect to the IP Cam, you can use this function to make a simple test (Fig. 2-3).

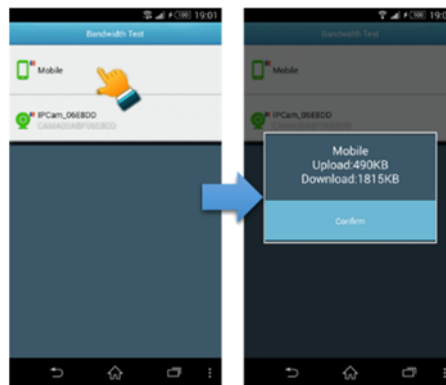


Fig. 2-3

“Smart Streaming” provides automatic switching streaming function. IP Cam offers two live streaming. When the **“Smart Streaming”** is enabled and the network is crowded, “iSee HD” will automatically switch to the second live streaming (QVGA, Fig. 2-4). If the user closes this option and when the network is congested, users have a chance encounter the problem can’t connect or damaged video.

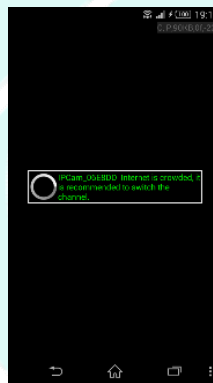


Fig. 2-4

“Demo IPCam” provides an exemplary for IPCams (Fig. 2-5). Users can choose whether to show these IPCams. When users choose to disable this function, the IPCams will not on the list (Fig. 2-6).



Fig. 2-5

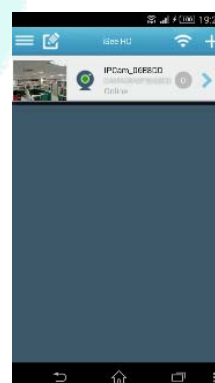


Fig. 2-6

“Feedback” provides users can respond problems in operation or give suggestions. (Fig. 2-7)

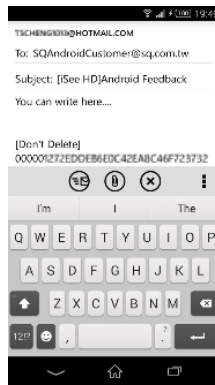


Fig. 2-7

“Version Info” provides the version information of **“iSee HD”**. (Fig. 2-8)

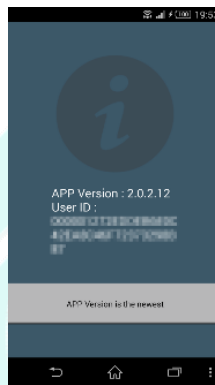


Fig. 2-8

2.1.2 Edit Button ---



After pressing the , you can enter edit mode, and delete IPCam, (Fig. 2-9). When you delete an IPCam from mobile, you will also delete the relevant information of IPCam on the mobile, including the event record. However, this action does not affect the SD Card on IPCam and video on YouTube. After entering the edit mode, you can click on the item that you want to delete. Then, you need to click the . At this time, a warning dialog box will pop up. When you press "OK", “iSee HD” will start deleting process.



Fig. 2-9

2.1.3 Wifi Setting Button of Mobile ---

This button  can enter **Wi-Fi Setup Page** of your mobile directly. After setting, you only need to press the “Return Button←” to return to “iSee HD”. (Fig. 2-10)



Fig. 2-10

2.1.4 Add IPCam Button ---

"iSee HD" offer two kinds approach to add new IPCam. (Fig. 2-11)

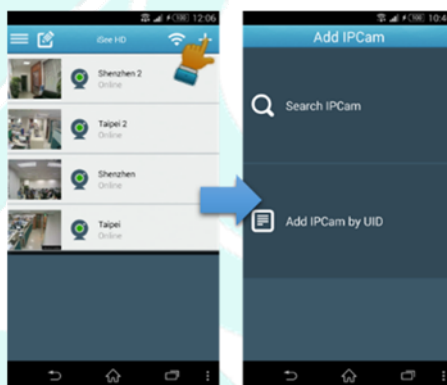


Fig. 2-11

The first one is “**Search IPCam**”, it is used to set the setting mode IPCam. At this point, the indicators of IPCam are shown at constant *red* and *orange*. In this case, the searched item will be shown as “**SQ6610_XXXXXX**.” When you click this item, it will pop up a “*Wi-Fi Setting*” dialog (Fig. 2-12). You can through this operation to set the Wi-Fi configuration of IPCam. When the setup is successful, the IPCam will connect to the Internet, and the indicator of IPCam will be shown at constant red and green.

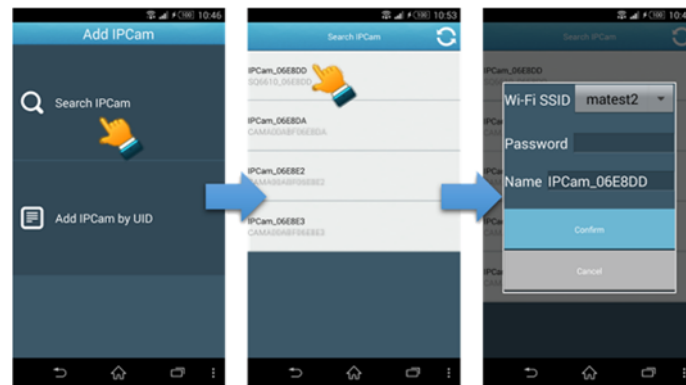


Fig. 2-12

“Search IPCam” also can search the IPCam in local area network. If the indicators of IPCam are shown at constant *red* and *green* and the searched item is shown as **“CAMXXXXXXXXXXXX”**, (Fig. 2-13), you can click this item, **“iSee HD”** would pop up a **“Input IPCam Password”** dialog. You just need to enter the password for adding the IPCam.



Fig. 2-13

In the process of searching IPCam, you may not find any IPCam or the IPCam that you want to add. You can click the **“🔄”** button to re-search. (Fig. 2-14)



Fig. 2-14

The second way to add IPCam is by the IPCam UID and password. If the IPCam is already on the Internet, you can click **“Add IPCam by UID”** to add. (Fig. 2-15) **“iSee HD”** also provide a QR Code scanner, **“QR”**, and you can find the QR code from the back side of IPCam or through the other mobile sharing.



Fig. 2-15

2.1.5 Event List button ---

When you have enabled "Event notification" feature, you can receive notifies of IPCam. The numeric on the button is to indicate the *unread* messages. (Fig. 2-16) You can enter the event record page through this button.



Fig. 2-16

In the event list page, (Fig. 2-17), it would show all events. In front of every message, it always have an icon, such as "🏃", "🔊". The "🏃" icon means this event was triggered by "**Motion Object Detection**", and the icon "🔊" presents this event was triggered by "**Volume Change Detection**". While you have read the message, the icons would be turn to light gray, like "🏃" and "🔊".

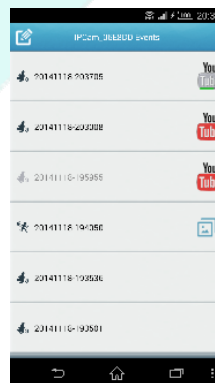


Fig. 2-17

If you have enabled event record, you would see the “📷” or “📹” icon in back of messages. When you click this icon, “📷”, you can download the event images from SD Card of IPCam. When the event is triggered, IPCam will take pictures per 3 seconds. Each message will have at least 10 pictures. When you enter the picture viewer, you can slide left and right to view these pictures.

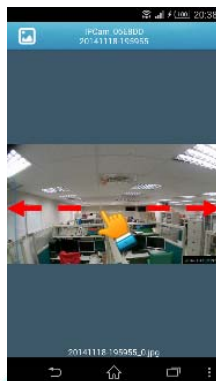


Fig. 2-18

If you also enable the YouTube function, you would see the other icons, “📷”, “📹”, “📺”. These icons are used to illustrate the status of the upload. “📷” is mean uploading, “📹” is explained failed to upload., and “📺” means upload success. When the state is presented uploaded successfully, you can click “📺” to connect to YouTube and watch the event video.

In this page, “iSee HD” also provide an edit button “✎”. When you click the edit button, you can select the messages that you want to delete. The operation is like 2.2.3. And in the near future, we will provide consumers with more important message, like SD Card inserted “💾”, removed “🗑️” and formatted “🗑️”. However, if you have better ideas or requirements you want, you can also through the “**Feedback**” function in “*Main Page*” to let us know. We will go through our development team and then study the feasibility of providing the functions you want.

2.1.6 Setting Button --- ➡

You can find the “**Setting button**” in the “*Main Page*” or in the “*Live View Player*”. When you click “➡” or “⚙️”, you could enter the *IPCam setting page*. The details of “*IPCam Setting Page*” will be explained at “*IPCam Setting Page*”.

2.2 Live View Player

“*Live View Player*” allows you to watch the real time video of IPCam. In this page, (Fig. 2-19), “iSee HD” also provides *Two-way Audio* “🔊”, *Snapshot* “📷”, and *Setting button* “⚙️”. If you touch the screen in live view, you can hide the title and buttons. If you want to show these buttons again, you just touch the screen again.

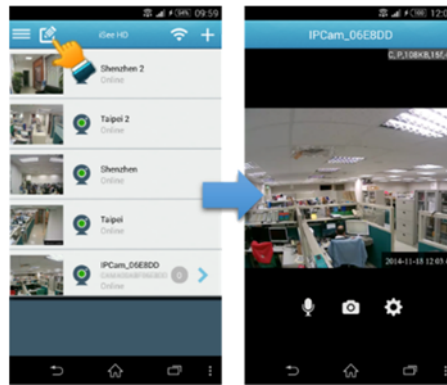


Fig. 2-19

“iSee HD” also support lateral screen operation, (Fig. 2-20), but you must enable the “Auto-rotate screen” function of your mobile.

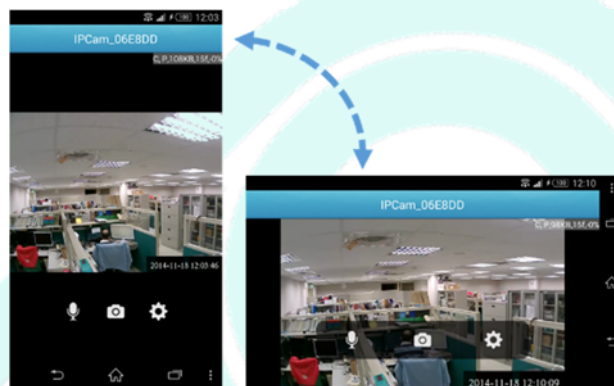





Fig. 2-20

2.2.1 Two-way Audio Button ---

If you need speaking to IPCam, you just simply click “”. While the status of button is changed to “”, it means the “Two-way Audio” is enabled. If you want to stop, click this button again.

2.2.2 Snapshot Button ---

If you want to capture pictures while watch the real-time streaming, you can use the snapshot button “”. It will store the picture directly, and you can check the picture by album app. or file browser of mobile.

2.2.3 Setting Button ---

You can click this button to enter the *IPCam setting page*. The details of “*IPCam Setting page*” will be explained at “*IPCam Setting Page*”.

2.3 IPCam Setting Page

All the functions of IPCam can be setting in the “*IPCam Setting Page*”. (Fig. 2-21) You can find the “*Setting button*” in the “*Main Page*” or in the “*Live View Player*”. “*IPCam Setting*

Page” provide the settings of IPCam, such as **“Wi-Fi Setting”**, **“Video Setting”**, **“Event Setting”**, **“Time Setting”**, and **“Other Setting”**. It also provides **“System Info”** that you can check the configuration of IPCam or upgrade IPCam. The other function is **“Share QR-Code”**. It can generate a QR Code for IPCam, so you can easily share the IPCam to others.

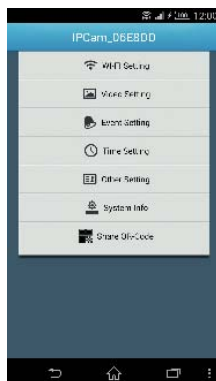


Fig. 2-21

2.3.1 Wi-Fi Setting

“Wi-Fi Setting” function allows you to modify the Wi-Fi configuration. If you have more than two Wi-Fi access points, you can change the configuration to other settings. (Fig. 2-22)



Fig. 2-22

When you send the new setting to IPCam, the green LED of IPCam will start blinking until the new access point is connected. But if you send a wrong password, it would link failed, the IPCam will be switched to setting mode, and its orange LED will be illuminated. In this case, you should refer to “2.1.5” to re-set the IPCam.

2.3.2 Video Setting

“Video Setting” provides **“Video Size”**, **“Video Quality”**, **“Power Frequency”**, **“Display Time”**, **“Mirror”**, and **“Flip”**.



Fig. 2-23

“Video Size”: You can set “640x480” (VGA mode) or “1280x720” (HD mode) for the first live stream.

“Video Quality”: Provides two options “Quality First” and “Speed First”. If you choose “Quality First” option, you would obtain a high-quality video with less compress. But “Speed First” option, the video will be significantly compressed. Although reducing the video quality, but the bandwidth requirements of the network can be reduced.

“Display Time”: It can show the time of IPCam while you watch the live stream at “Live View Player”. The time will be shown in recording video.

“Mirror” and **“Flip”**: If you flip the camera to the ceiling, you can enable these functions. The live stream will be turned to normal orientation.

“Power Frequency”: Alternating current is divided into 50Hz and 60Hz. It makes the number of flashes of different fluorescent. If the shutter speed of IPCam does not match the power frequency, it will make the flicker in video. Thus, if you find flicker while you are watching the live stream, you may try to change this setting.

2.3.3 Event Setting

Users can set “Event Notification”, “Trigger Methods”, “Trigger Period”, and “Event Record”. (Fig. 2-24)



Fig. 2-24

“Event Notification”: If you enable this feature, when an event is triggered, you can receive notification from IPCam.

“Trigger Method”: It provides two kind of methods to trigger an event, such as “Volume Change Detection” and “Motion Object Detection”. You can also enable “Volume Change Detection” and “Motion Object Detection” at the same time.

“Trigger Period”: You can set the period into 30, 60 or 120 seconds. This setting also defines the recording time. That is, when you set the trigger period is 60 seconds, the length of the record video is 60 seconds too.

“Event Record”: If you want to use this feature, you must insert a Micro SD Card. The SD Card must be class 10. When you enable this feature, you can also enable the “YouTube Upload” function. (Fig. 2-25) But you must have a YouTube account first. Then, you must add a new channel for this account. (Fig. 2-26) You can refer to the instructions in the following hyperlinks to add a new channel.

<https://support.google.com/youtube/answer/1646861?hl=en>

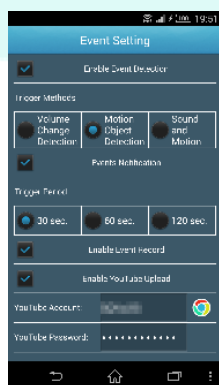


Fig. 2-25

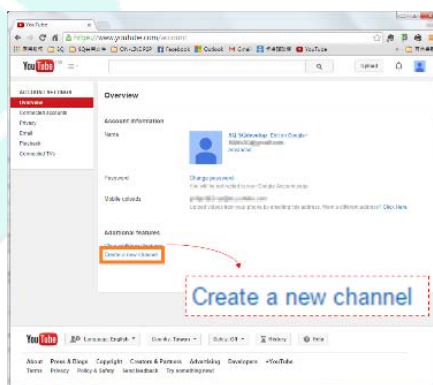


Fig. 2-26

2.3.4 Time Setting

You can set time and time-zone in this function. (Fig. 2-27) Two methods we provide are “Synchronize with **Mobile Time**” and “Synchronize with **Network Time**”. If you choose the “Synchronize with **Mobile Time**”, it will set time of mobile to IPCam directly. If you

choose the “Synchronize with **Network Time**”, IPCam will synchronize to NTP (Network Time Protocol) server automatically every week.

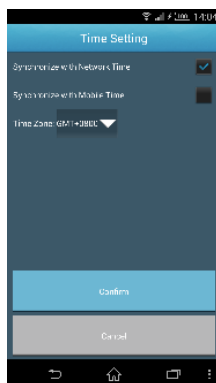


Fig. 2-27

2.3.5 Other Setting

You can change the name of IPCam and password in this page. (Fig. 2-28) It would not affect other users when the name is modified. This name is independent of “iSee HD”. But if you change the password, other users will be asked to enter a password when they want to watch.

If you want to format SD Card of IPCam, you can click the “Format SD Card” button. This operation will clear all videos and picture on the SD Card. When the formatting process is successful, you would get notify from IPCam.

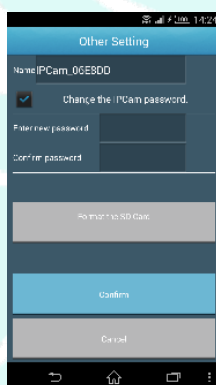


Fig. 2-28

2.3.6 System Info

You can see the “Display name” “Wi-Fi Access Point”, “IPCam UID”, “Capacity of SD Card”, and “Firmware Version” of IPCam in this page. More importantly, you can upgrade the firmware of IPCam here. If we provide new version of firmware for IPCam, the upgrade button would become clickable. When you click this button, **Don’t Remove the Power of IPCam before the upgrade procedure is finished.**



Fig. 2-29

2.3.7 Share QR Code

On this page, "*iSee HD*" will automatically generate QR code of IPCam, (Fig. 2-30). You can share to other mobile that has "*iSee HD*". The other mobile can refer 2.1.5 to add IPCam.



Fig. 2-30

FCC Statement

1. 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.

(2) This device must accept any interference received, including interference that may cause undesired operation.

2. 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.

The operation distance between user and products should be no less than 20 cm