 : Adjust brightness of image. Values can be set from 0~100.By default, the value is set at 50.

 : Adjust contrast of image. Values can be set from 0~100.By default, the value is set at 50.

 : Adjust saturation of image. Values can be set from 0~100.By default, the value is set at 50.

Powerfreq (Power Line Frequency): Options include 50HZ and 60HZ. If the monitoring site adopting lighting elimination, user should set a corresponding frequency. If the two frequencies are different, the image will flick. There are two frequencies on the world, one is 50HZ, and the other is 60HZ. In China, adopt 50HZ.

Click " Update " to refresh the settings of the Image, and click " Default " to restore the parameters of the image to the default settings.

Stream: Set up network stream, including main flow and minor flow.
Door: Choose door number, door 1, door 2, cam1 or cam2.
Image: Set up the size of view image. Options include Fit size and Src size.
Number of connected users: Show number of connected users on mobile phone or IE(PC).
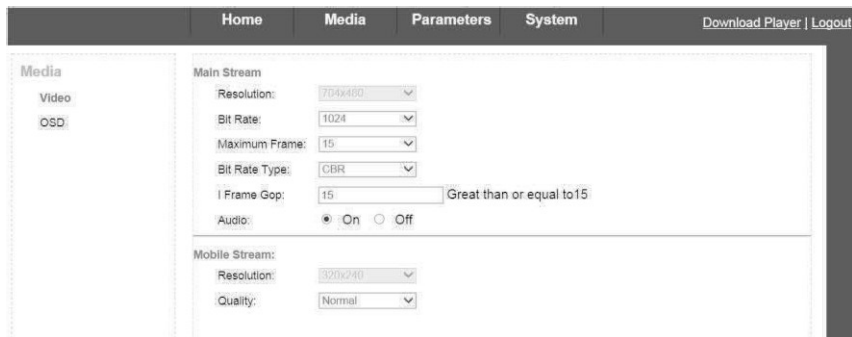"**Mobile phone: 0**" means no user connected via mobile phone.
"**IE(PC): 1**" means one user connected via IE on PC.

5.2 Media

Click "Media" to enter the media parameter setting menu. This interface includes settings for Video and OSD.

5.2.1 Media--Video

Click "Media—Video" to access the interface as follows. And user can set up parameters of main stream, and mobile stream.

A. Video—Main Stream
1) Resolution: For the resolution of main stream, there is only D1(720*576).
2) Bit Rate: User can choose a certain bit rate, generally speaking, the bigger the bit rate is, the clearer the image will be. Please choose the suitable bit rate according to your bandwidth. If you select a big bit rate, while the bandwidth is worse, it will cause the video stream can't be transferred smoothly, the video quality will be not perfect too.
3) Maximum Frame: User can choose a certain frame rate, when the bandwidth is limited, suggest reducing the value. Generally, the video is fluency if the value is more 15 frames. Default value is 30 frames for NTSC norm and is 25 frames for PAL norm.

4) Bit Rate Type: There are three modes for bit rate control, CBR, VBR and FixQp. If user choose CBR mode, the video encoder will encode according to the bit rate you have selected. If user choose VBR mode, the video encoder will consider to the image quality and encode according to the bit rated have been selected, but not strictly according to this bit rate. Suggest VBR mode.
5) Audio: Options include "On" and "Off".
B. Video—Mobile Stream
1)Resolution: The resolution of mobile stream is QVGA (320*180).
2)Quality: The image quality of the outdoor camera for remote access viewing via mobile phone. And there are five options: "Very High", "High", "Normal", "Low" and "Very Low". The better the image quality is, the bigger the bit rate and the frame rate of the outdoor camera are. Please choose the suitable quality according to your bandwidth.

5.2.2 Media--OSD

Click "Media—OSD" to access the interface as follows. OSD options include "Name".

Name: Users can modify the name of the indoor unit. Note that the name of the device must not exceed twelve arabic numbers, letters or twelve Chinese characters.

5.3 Parameters

Click "Media" to enter the parameters setting menu. This interface includes settings for Network (Basic Settings, DDNS, E-mail and Wifi) and Event(Press doorbell capture).

5.3.1 Network--Basic Settings

Click "Parameters—Network—Basic Settings" to enter the LAN Settings interface. Default IP type of the equipment is DHCP. User can change it according to your network environment.
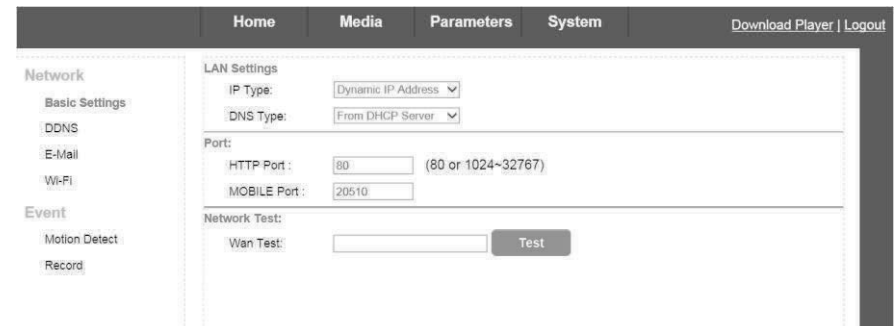
A. LAN Settings

[**IP Type**]: There are two options: "Fixed IP Address" and "dynamic IP Address".
After selecting an Internet connection setting - such as fixed IP address (static) or dynamic IP address (DHCP) – and allocating a port, users can access the indoor unit remotely via the Internet.
1)If fixed IP address has been selected, it is necessary to set up an IP address, a subnet mask and a gateway.
[**IP Address**]: Enter the IP address in this field.
[**Subnet Mask**]: Input numbers for the subnet mask.
[**Gateway**]: Enter numbers for the default gateway.
[**DNS Type**]: Options include "Manual DNS" and "From DHCP Server". If users select "Manual DNS", they have to input numbers for primary DNS and second DNS manually.
2)If DHCP is selected, the server will allocate a IPC IP address automatically.
NOTE: Save the IP address when selecting DHCP and the IPC will automatically connect with the server. It will allocate an IP address when the connection is stable, and this address will be displayed on the interface.

B. HTTP

[**HTTP Port**]: The IP address identity one indoor unit in the network, you can run several programs on this equipment, and every program will transfer the data through some port, in fact data is transferred from one port to another. The port setting of this page is asking user choose which port to transfer the data for the web server. Doing port mapping, need to maintain consistent with the port (equipment factory default port is 80).Sets up a Web browser port via HTTP. The default port number is "80". The port range can be set up from 1024 to 32767.
[**Mobile port**]: Mobile monitoring port. And default value is 20510.

C. Network Test

[**Wan Test**]: In this field, users can fill in the IP address or DDNS address which they set up, and click " Test " to test the network traffic is normal or not. If all the network parameters are set correctly, click " Test " and "Test Success!" will be shown. Otherwise "Test Failure!" will be shown.

5.3.2 Network--DDNS

Click "Parameters-Network-DDNS"to enter the DDNS setting interface. DDNS setup as follows.
User can use third part DDNS, first user must have a domain name; www.dyndns.org or www.3322.org is recommended. Please remember the username, password and domain name. Then enable DDNS, for example, select the DDNS Provider as "3322.org". If your domain name is "test.f3322.org", please enter "test.f3322.org" in the option "Your Domain", the "Username" and "Password" is the username and password that applied in the www.3322.org. Click " Apply " to save. Then you can access the device by domain name.
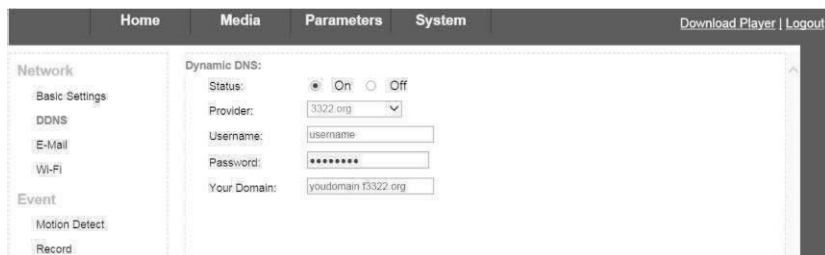
5.3.3 Network--E-mail

Click "Parameters—Network—E-Mail" to enter the E-Mail Setting interface, and SMTP setup as follows.

This function not only support internal mail transfer but also internet.
1)**Sever name**: Input SMTP sever address in this field, and SMTP Server Address is refers the IP address of mail server, such as QQ is smtp.qq.com, Gmail is smtp.Gmail.com.
2)**Port**: This refers to the port of the SMTP server. Generally, the SMTP port number is "25", but there are exceptions; for example, the SMTP port number of Gmail's server is "465".
3)**SSL**: SSL is a security link transport protocol that can be used to encrypt information communicated over the Internet (including email) to prevent hackers from accessing the email communication or other information of users on a network, such as passwords.
4)**User Name**: In this field, enter the sender's email address. The email address should be consistent with the server being used. That is, if the sender's email address is test@126.com.
5)**Password**: In this field, enter the password of the sender's email address.
6)**Sender to**: In this field, enter the receiver's email address (the email address being used to receive images transmitted from the IP doorbell-vistor call on the outdoor bell). Clear the images received as soon as possible to avoid exceeding the email account's storage capacity.
7)**From as**: In this field, enter the sender's email address. The email address should be consistent with the server being used. That is, if the sender's email address is test@126.com, the corresponding server should be "smtp.126.com".

5.3.4 Network--Wifi

For the indoor unit with WIFI function, users can visit the device remotely by the following methods: through network cable connection or through wireless connection. If through wireless connection, please use the network cable to connect the device into LAN before doing settings of wireless connection. Then click "Parameters—Network—WiFi" to enter the Wifi Setting interface, and according to the below 1-6 steps to do the settings.
1) Open wireless, " Enable ☑ " indicates WIFI status to be enabled.
2) Click the " Search " button to search the current wireless routers, and all the wireless routers will appear on the Current Hot Point list.
3) Choose one effective router, click it to choose router SSID.
4) Input correct password of the wireless router in wireless security mode.
5) Click " Test " to check the wireless network is connected successfully or not.
6)When the wireless is connected successfully, click " Apply " to save the settings, the device will be reboot automatically, take away the Ethernet cable, then the wireless network will work perfectly.

Note:
1. When adjust WIFI status, the device will reboot after saving the setting.
2. When enable WIFI status, the device will reboot automatically if plug or unplug the keystone jack of network cable to the RJ45 ethernet interface of the indoor unit.
3. Through Wifi connection, the "Network Type" on the Network Basic Setting suggested to be set as "DHCP". When configure the parameters about WIFI, user can view the indoor unit can be allocated IP address whether or not through the search tool "HiCamSearcher". If not, user must set up parameters about Wifi again.
4. When the equipment connected to the Internet, and also enable the WIFI, when activated, the equipment will be the first to choose Ethernet cable connection mode, if can't connect, then choose WIFI connection. WIFI connection of the ports to use are consistent with cable connection of the ports to use.
5. No space between characters of the SSID, no space between characters of the Wifi password, otherwise the wireless router can't be connected successfully.

3)Click it to choose
a wireless router SSID.

2)Search

4)Input password of the wireless router in security mode.

5) Test

6) Click "Apply" to save the settings.

5.3.5 Event--Motion Detect

Note:

The motion detection function only supports for one channel, it means that when activating motion detection function of the Door 1, the motion detection function of the Door 2, camera 1 and camera 2 can't be activated at the same time. User can set up the motion detection parameters through IE browser or the uCarehome app.

If you want to enable the motion detection function for Door 1, on the login window on PC, first you must choose Door 1, then enter into the motion detect setting menu to set up the corresponding parameters.

When the motion detection function of Door 1 has been activated, and you want to enable the door 2's motion detection function, on login window you must choose Door2, and enter into "Motion Detect" menu to adjust parameter value and save. Then Door1's motion detection function will be disabled, and door2's motion detection function will be activated.

Click "Parameters—Event—Motion Detect" to access the "Motion Detect" menu and the dialog window where Enable Switch, MD Area, Sensibility, E-Mail, Alarm Output and motion detection schedule settings can be set will be appear.

1) **Status:** " Enable "indicates that the motion detection alarm of the login channel is enabled.

2) **Sensibility:** There are four levels: "very high", "high", "Normal" and "Low", and with "very high" being the highest level of sensitivity.

3) **MD Area:** Sometimes, it is necessary to have some regions in the camera's coverage area enabled with the motion detection feature, while other regions in the same coverage area do not require this functionality. This may be handy when, for example, the camera covers the road and an adjoining area. While it would be useful to have the motion detection enabled on the area near the entrance to a building, it would most likely not be helpful to see it triggered every time a car or truck passes by on the nearby road.

Users can left-clicking and then drag the frame to set the motion detection area. When viewing the selected channel's coverage area using the MD Area option, the red area is where motion detection is activated, and transparent block is the area where motion detection is not activated. Click "Select All" to activate all the areas, and click "Clean All" to cancel all the areas.

4) **Action-E-Mail:** " Send E-mail " indicates that it will be sent to the pre-registered email address if an alarm has been triggered by motion.

5) **Action-Output:** " Alarm With Snap " indicates that a picture of the channel will be captured when an alarm has been triggered by motion. " Alarm With Record " indicates that a video of the channel will be recorded when an alarm has been triggered by motion.

6) **Action—Schedule:** Users can set up "motion detection schedule mode", and there are three modes: "Week Mode", "Work Mode" and "All Time Day". The device will trigger the alarm only during the armed time period.

If users select "Week Mode", click " Time " to access the interface as follows. Users can set up three different time period from Sunday to Saturday, the max number of time span is 24.

If users select "Work Mode", click " Time " to access the interface as follows. Users can set up three different time period on workday and weekend, the max number of time span is 24.

If users select "All Day Time", all the times will be enabled.

Note: Please make sure the device system time is correct before you set the alarm time period.

Notice: When the motion detection alarm function is enabled, the motion detection alarm can be triggered after the indoor monitor is in standby mode for 30s. If a motion detection alarm is triggered, the screen will be highlighted and the motion icon will be shown.

5.3.6 Event--Record

Click "parameters-Event-Record" to access the setting menu to set up record mode when calling on the doorbell as follows. Modes include "record" and "snapshot". For the record mode, the whole process will be recording from the start of a call. For the snapshot mode, if a visitor calls on the outdoor camera, the first picture will be captured.

5.4 System

Click "System" to enter the parameters setting menu. This interface includes settings for User, Time setting, Initialize, Device info, Storage Device and System Logo.

5.4.1 System-User

Click "System—user" to access user setting menu, the default username and password of administrator is "Admin" and "888888". And the administrator can add seven guest users who can only monitor the live view and unlock for the indoor device remotely.

5.4.2 System-Time Setting

Click "System—Time setting" to access time setting menu. There are four types of time mode: keep current, manual, Sync with computer time and Sync with NTP.

1) "**Keep Current**" means the system time won't be changed.

2) "**Manual**" means adjust time manually. Users need to enter date & time and time zone manually.

3) "**Sync with computer time**" means through this apply to sync IPC system time to local PC time.

4) "**Sync with NTP**" will choose a same time zone with the NTP server automatically. Server name is the NTP server host, and the interval of refresh time includes 1 hour, 2 hours, 12 hours and 24hous. Save all parameters, then it will update as a network clock.

5) **Delay push(s)**: From this field, user can adjust delay duration time of alarm push for visitor calling when nobody answers on the indoor unit, and values can be set from 0 to 60s. For example, to select 5s, if visitor presses the call button on the outdoor camera, the message will be pushed onto the master's phone after 5 seconds when nobody answers on the indoor unit.

5.4.3 System-Initialize

Click "System—Initialize" to access initialize setting menu. This interface includes settings for Reboot, Factory Default and Upgrade.


1) **Reboot**: Click "OK", it will pop-up a message window "**the device will be rebooted. Are you sure?**", and click "OK" to restart the equipment.

2) **Factory Default**: Click "OK", it will pop-up a message window "**Set up data will be initialized. Are you sure?**" Click "OK" to restore all the parameters to the default settings except IP address.

3) **Upgrade**: Click "Brower..." to select the firmware file for upgrading, for example, the firmware file such as "Mobile.IPDoor.8100-96319FW.20190124.ov" is on the desktop. First choose the firmware file, click "Open", and it will be shown as "Upgrade: C:\fakepath\Mobile.IPDoor browse... Apply", then click "Apply" to upgrade the equipment whether or not. After the upgrading, the equipment will restart.

Note: During upgrading, please don't power off the indoor unit.
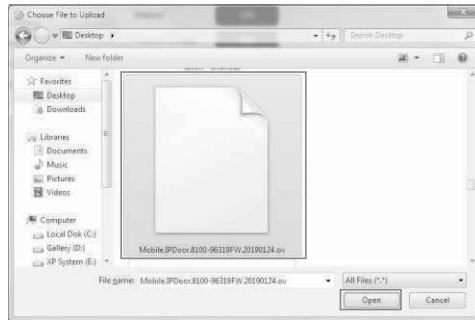
5.4.4 System-Device Info

Click "System—Device Info" to enter the "Device Information" menu as follows. The information included accessible through this interface includes: Device Info (Device Name, Device ID, Software Version, Release date and Start Time), Network Info (Connection, Mac, IP, Subnet Mask, Gateway, Primary DNS and Second DNS).
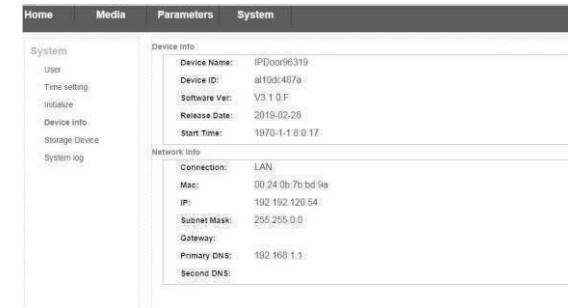
5.4.5 System-Storage Device

Click "System—Storage Device" to enter the interface of SD card information as follows. The option "status" for the models without SD card will show "no ready".

The option "status" for the models with SD card (if the SD card was already inserted into the indoor device) will show as below.

Click "refresh" to refresh the SD card status. Click "remove" to make sure to remove the SD card whether or not. Click "format" to make sure to format the SD card data whether or not. Click "brower..." can browser files in the SD card.

According to the above figure for example, click "011->20140414->rec001" to enter into the record list. Click one on the list to playback the record. Click "Parent Folder" to back to the parent directory.

```
Index of /sd/011/20140414/rec001/

Name                         Size(KByte)  Date
Parent Folder
rec.log                           3KB     2014-04-14 16:14:38
rec011_20140414152137_02.      4319KB     2014-04-14 15:21:56
rec011_20140414152157_02.      4269KB     2014-04-14 15:22:16
rec011_20140414152216_02.      4270KB     2014-04-14 15:22:34
rec011_20140414152235_02.       397KB     2014-04-14 15:22:38
rec011_20140414152432_02.      2097KB     2014-04-14 15:24:42
rec011_20140414152444_02.      4152KB     2014-04-14 15:25:02
rec011_20140414152502_02.      4270KB     2014-04-14 15:25:22
rec011_20140414152522_02.      4270KB     2014-04-14 15:25:40
rec011_20140414152541_02.       656KB     2014-04-14 15:25:44
rec011_20140414161340_02.      4175KB     2014-04-14 16:13:58
rec011_20140414161358_02.      4283KB     2014-04-14 16:14:16
rec011_20140414161417_02.      4268KB     2014-04-14 16:14:36
rec011_20140414161437_02.       479KB     2014-04-14 16:14:38

Total 15 Items.
```

5.4.6 System-System Log

Click "System—System Log" to enter the "system log" menu as follows.

At the top of the "Log Search" page are the following filters to facilitate locating the desired file(s):

[Time]: Set the starting time and the ending time of the log being searched for.

[Type]: Choose from the following options: "All", "Operation" and "Bell ring".

Click the " Search " button after setting the log time and type, and the system will display the selected log in the list. Click " First ", " Prev ", " Next ", " Last " to navigate pages, and click " Clean " to delete all the log lists.
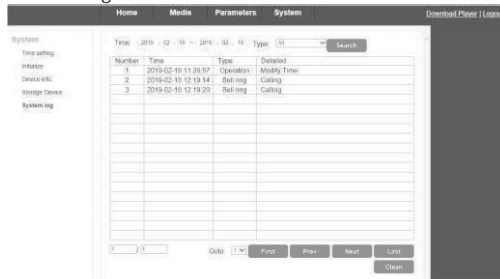
5.5 Logout

Click "Logout" to log out of the system.

5.6 Record and snapshot

For the models with TF card, if the TF card was already inserted into the indoor monitor, when the menu option "Parameters--Event--Record mode" on web browser is set up as "Record", if a visitor presses the "Call" button on the outdoor camera, the indoor device will start recording and the video data will be stored onto the TF card. When the menu option "Parameters--Event --Record mode" on web browser is set up as "Snapshot", if a visitor presses the call button on the outdoor camera, the first picture will be captured onto the SD card.

The record can playback on PC or via "uCareHome" on mobile phone or tablet. And snapshots can playback on PC.

Note: For the models with TF card, the TF card inserted into the indoor monitor must be formatted first before using. And the device supports up to 64GB card for recording and snapshots. The file system of the card must be FAT32 to storage. And suggest that it's better to use a TF card more than class 10 onto the device.

Appendix 1. Accessing the indoor monitor via Mozilla Firefox

1.First, install Firefox on Windows(This document will use Firefox 28.0 as an example).

2. After installing Firefox, please search for the "IE Tab" add-on for Firefox, which can be downloaded from Firefox browser.

3. Open Firefox, click "Tools-->Add-ons" to enter into the interface of "Get Add-ons", and search for "IE Tab", all the IE tabs will be shown on the list for "Available Add-ons". Choose one and install it, this document will use IE Tab 2(FF 3.6+)5.12.12.1 for example.

4. After installing the IE Tab, user need restart Firefox browser.

5. Open Firefox and enter the indoor unit IP address in the address field. Right-click at blank, select "View Page in IE tab". The indoor unit can now be connected successfully.
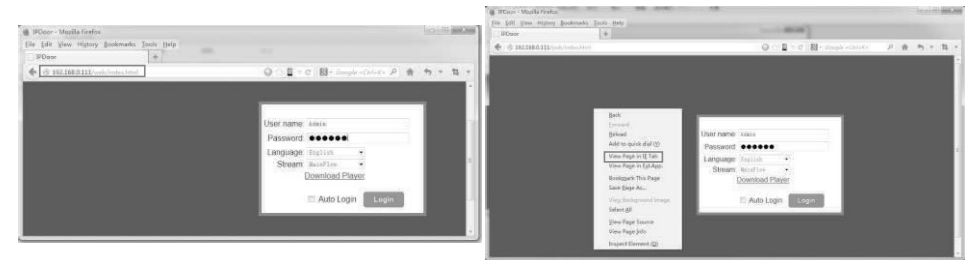

## Appendix 2. Accessing the indoor monitor via Google Chrome

1.First, installing Google Chrome Browser on Windows(this manual will use Chrome version 34.0.1847.116 m as an example).

2. After installing Google Chrome, search for the "IE Tab" add-on for Chrome, which can be downloaded from the Chrome Web Store.

3. Opening Chrome, click " ≡ Customize and control Google Chrome->Tools->Extensions-> browser the gallery" to enter the "Chrome Web Store" interface to search for "IE Tab", and results for IE tab in Extensions will appear on the right side. Choose one to install it and it's free for installation(Shown as below).
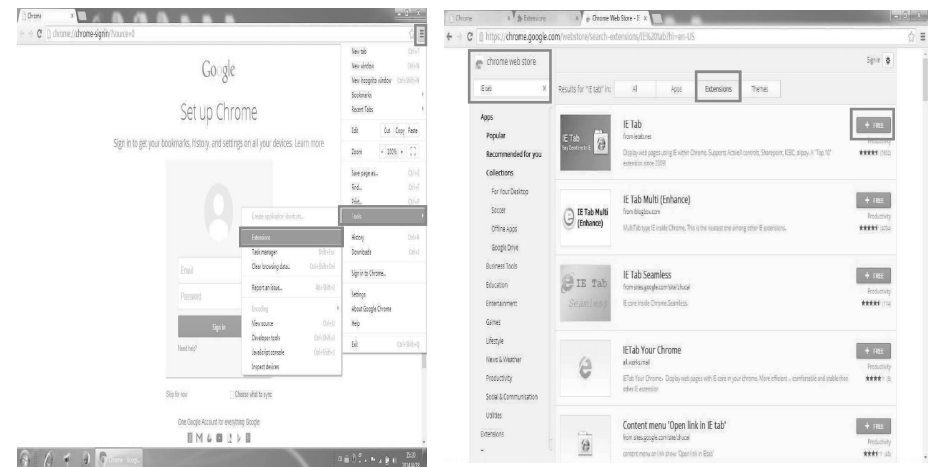
4. During installation, the following figure will appear, click "Add" to confirm to install "IE Tab" add-on.
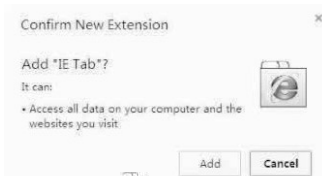
5. After complete installation, the icon " " will appear on the right top of the browser interface (Shown on the red frame as below), and it means that IE Tab has been added to Chrome browser.
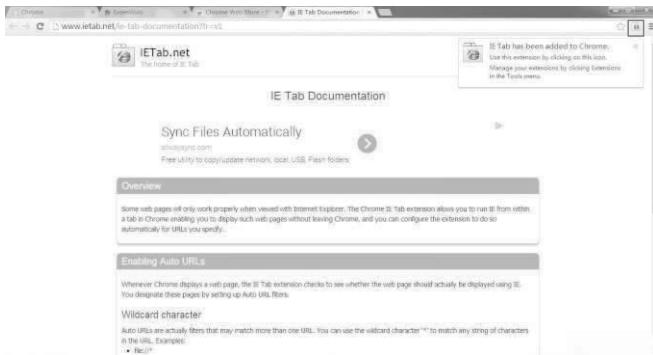
6. Click the icon " " on the right of the address field to display the Chrome web page in an IE-based page, and fill in the IP address of the indoor unit on the IE-based address bar, then click the icon " ▶ " to access the remote device, fill in the correct user name and password to log in. Default user name and password are "Admin" and "888888".(shown on the red frames as below)
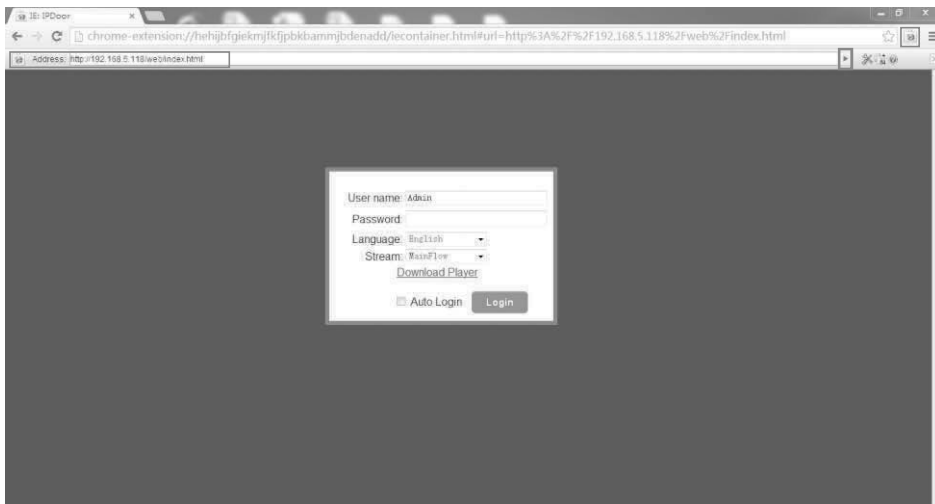
1. Run 32bit IE on Windows OS (64bit)
Note: On a 64-bit version of a Windows operating system, there are two versions of the Internet Explorer files:
* The 64-bit version is "C:\Program Files\ Internet Explorer \iexplore.exe".
* The 32-bit version is "C:\Program Files(x86) \ Internet Explorer \iexplore.exe".
* Please run the "C:\Program Files(x86) \Internet Explorer \iexplore.exe".
2. Run Internet Explorer as the Administrator
1) Open folder path "C:\Program Files(x86) \Internet Explorer".
2) Right click the Internet Explorer icon and choose "Run as Administrator".
3) Click "Continue" in the User Account Control window to grant administrator access to Internet Explorer.
3. Fix site display problems with Compatibility View
Sometimes a website you're visiting doesn't look like you expect it to. Images might not show up, menus might be out of place, and text boxes could be jumbled together. This can be caused by a compatibility problem between Internet Explorer and the site you're on. When a site is incompatible with Internet Explorer, you'll see the Compatibility View button in the Address bar. You can only turn on Compatibility View in Internet Explorer for the desktop.
A. To turn on Compatibility View
1) See if the Compatibility View button appears in the Address bar. (If you don't see the button, there's no need to turn on Compatibility View.)
2) Tap or click the Compatibility View button to display the site in Compatibility View. Once you turn on Compatibility View, Internet Explorer will automatically show that site in Compatibility View each time you visit. You can turn it off by tapping or clicking the button again. Or, you can clear the entire list of sites using Compatibility View by deleting your browsing history.
B. To clear the list of Compatibility View sites
Not all website display problems are caused by browser incompatibility. Interrupted Internet connections, heavy traffic, or problems with the website can also affect how a page is displayed. If you're having other problems on a site, such as playing videos, read Video won't play in Internet Explorer.
The Compatibility List is frequently updated, and Internet Explorer automatically downloads these update. This list includes sites that might've been designed for older or other browsers, sites that use Adobe Flash Player, and other settings that help give you a better browsing experience. If you don't want these updates, you can turn off Compatibility List Updates at any time.
C. To turn off Compatibility List Updates
1) Open Internet Explorer in the desktop.
2) Press the Alt key to display the Menu bar (or press and hold the Address bar and then select Menu bar).
3)Tap or click Tools, and then tap or click Compatibility View settings.
4) Clear the Download updated compatibility lists from Microsoft check box, and then tap or click Close.
D. To change Compatibility View settings
1) Open Internet Explorer in the desktop.
2) Press the Alt key to display the Menu bar (or press and hold the Address bar and then select Menu bar).
3) Tap or click Tools, and then tap or click Compatibility View settings.