

QUICK OPERATION GUIDE

— CA SERIES MINI IP HD IR PTZ DOME CAMERA —



Version : K2018V1

Special Declaration

Before connecting and using this product, please read these instructions carefully and keep it for references in the future. This manual might be not accurate technically or contains some minor type errors. The contents in this manual about production description and program might be updated without notice. Updated contents will be added in the new version. We will change or upgrade the products or program any time.

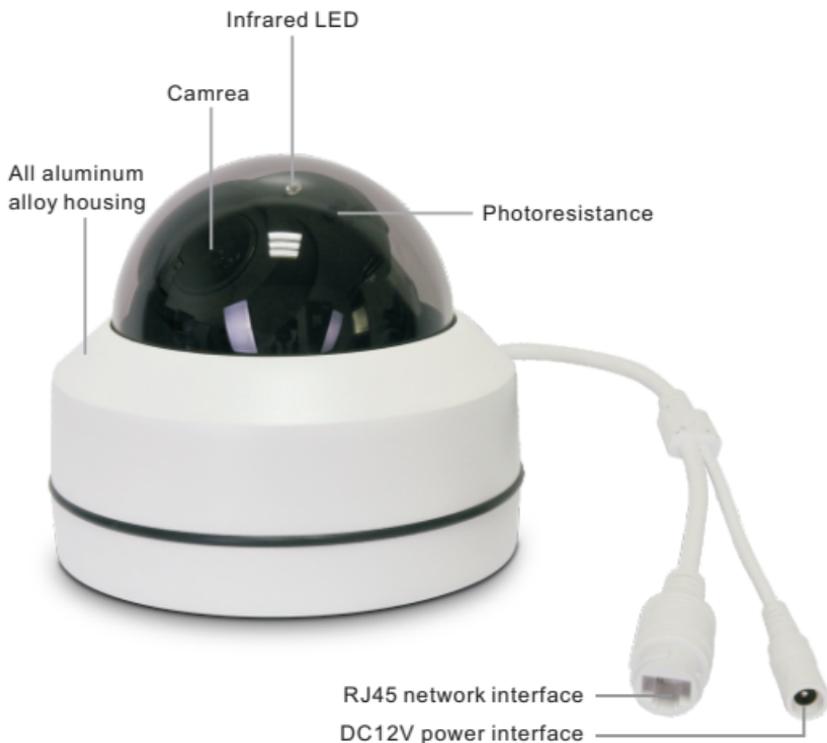
Caution

- 1) Avoid to installing the product in a shock environment, Keep the product away from electromagnetic interference.
- 2) Do not use products in extremely hot, cold, dusty, corrosive or high humidity environments. Speed dome camera working temperature : -20°C æ $+50^{\circ}\text{C}$ æhumidity less than 90%.
- 3) Please do not make camera toward to strong light source, (such as the sun), it will damage the image sensor.
- 4) Do not touch the image sensor or lens directly. If it is necessary to clean, please use dry soft cloth or neutral cleaner to wipe lightly.
- 5) Please keep all the material of the equipment. if any quality problems, better to pack the cargo well and then ship to the agents or return to the factory. During transport, custody and install process should prevent weight, severe vibration and soak damage to product.
- 6) In order to well match night vision, we sell IR speed dome camera with zoom camera, Please not disassemble zoom camera if there is no technical person.
- 7) Should obey all kinds of electric standard when using speed dome camera, make sure signal cable keep enough distance with high voltage equipment or cables. If it is possible, please take lightning and surge measurement.

1 Packing List

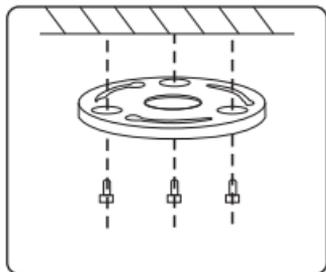
No.	Part Name	Quantity
1	Camera	1 set
2	Screw	1 bag
3	Bracket	1 pcs

2 Appearance, interface introduction



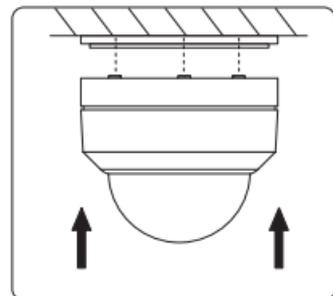
3 Product installation

3.1 Take out bracket from package box, mark the holes' position based on wall mount bracket bottom installation holes.



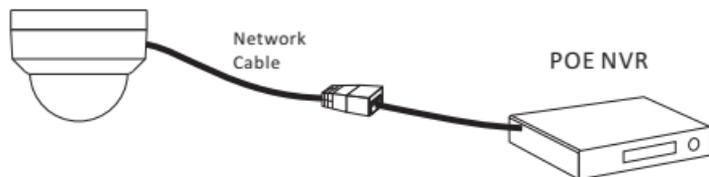
3.2 Use the screws to fix the mounting bracket to the ceiling according to the holes that have just been put on the base (when install the wall bracket, pay attention to the outlet)

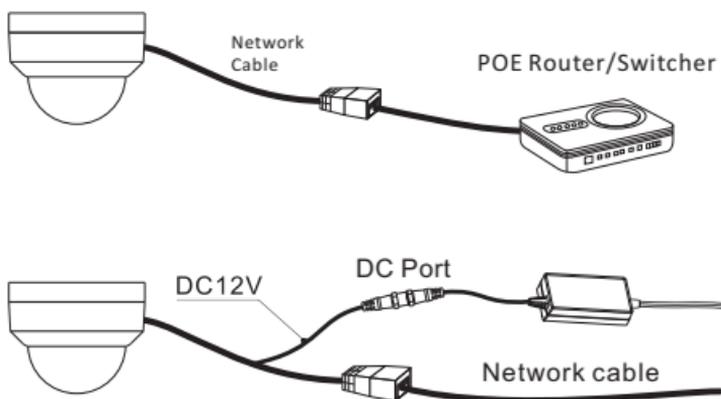
3.2 Use the screws to fix the mounting bracket to the ceiling according to the holes that have just been put on the base (when install the wall bracket, pay attention to the outlet)



4 Link device

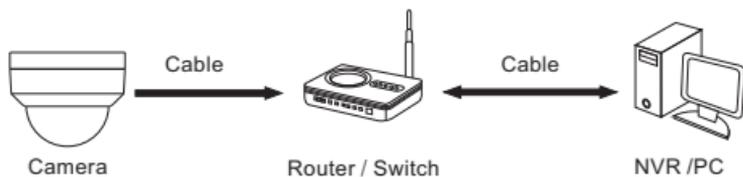
4.1 Connection way as following: Please connect the POE dome camera and POE switcher/router/NVR with ethernet cable. If the switcher/router/NVR is without POE function, please power on the dome camera and connect it to switcher/router/NVR with the ethernet. Details as below:



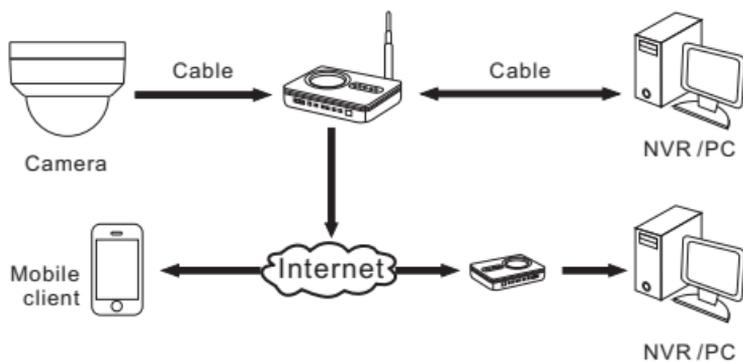


4.2 Typical application connection diagram

LAN connection method



WAN connection method



5 Software tools

Scan the QR code of manual to download the user manual. Or go the the web:
[http://121.42.188.188:83/v2/Manual\(LF\).pdf](http://121.42.188.188:83/v2/Manual(LF).pdf)
to download the document



 Manual



 Client Setup

Scan the QR code on the screw bag or left QR code to download software and installation tool.

Or go the the web:<http://121.42.188.188:83/HS-LF.zip>
to download the software and installation tool.



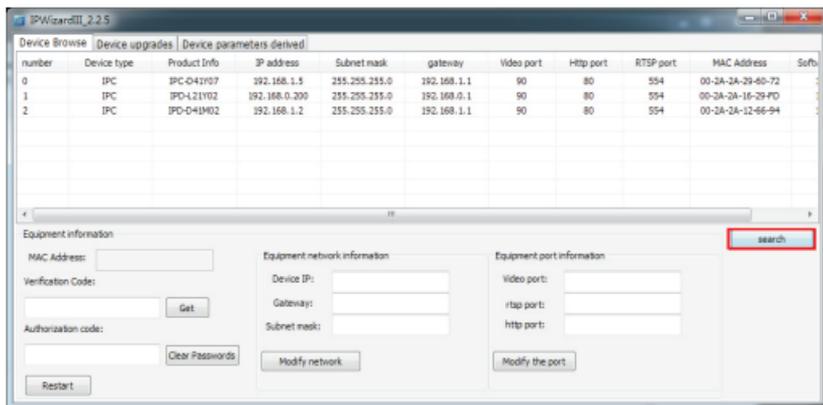
HCMS_2.2.9.2.exe



IPWizardIII_2.1.1

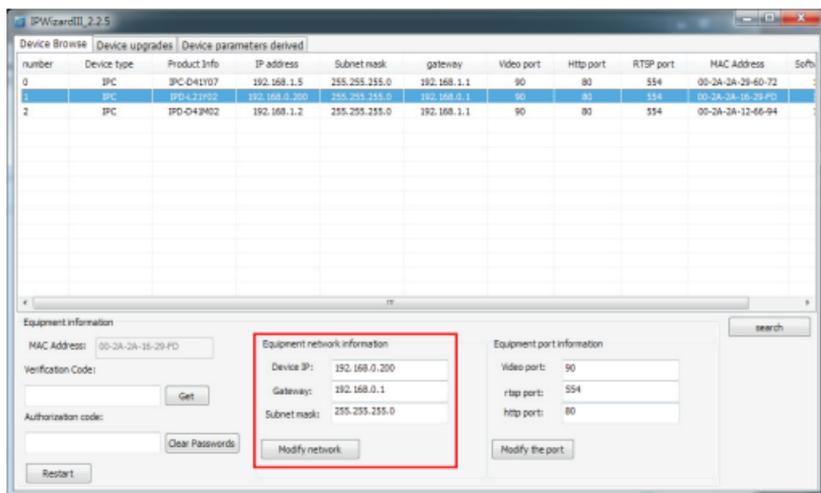
After downloading there will be a search tool IPWizardIII, a PC client (HCMS) installation package and a camera manual compression package. There are four ways to access the dome camera: web client access, PC client access, mobile APP access, and NVR access.

First to confirm the IP address of the device, you can use a dedicated search tool (IPWizardIII) to search it. Factory default IP is 192.168.0.200

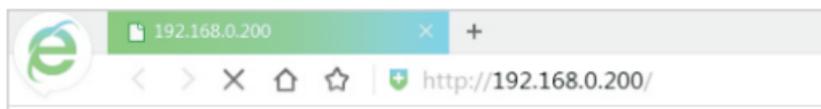


6 Web client access

- 6.1 The default IP of camera is 192.168.0.200, user name:admin, password: admin. when the web client-side access the ip Camera need to set the ip address to a same network segment, or use search tool to change the ip address of the device to same network segment on the laptop, can use the red column below to change the IP address of the camera. For example, if your computer ip address is 192.168.1.20, then you need to change the camera ip address to 192.168.1. xx (xx rang from 0 to 225). Please note that we don't change the default ip address of camera as the computer is in same LAN (192.168.0.xx)

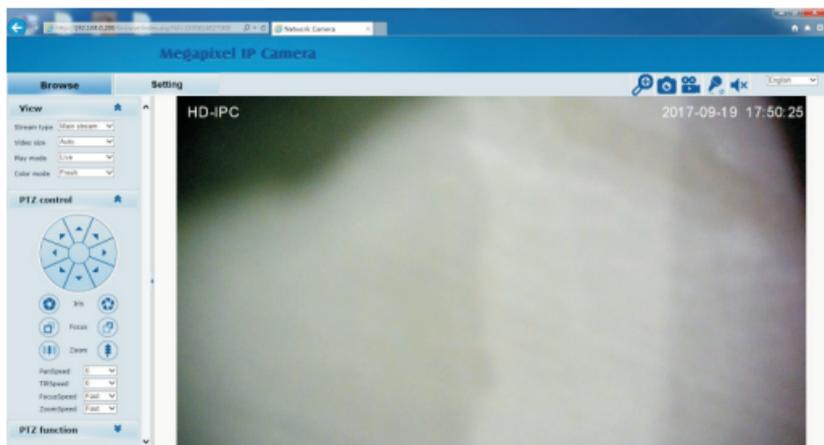


- 6.2 Open the IE browser, enter the IP address(factory default IP:192.168.0.200) of the camera then click Enter. The browser login screen appears, enter the "user name" (default admin) "password" (default admin) then click login.





6.3 Open the IE browser, enter the IP address (factory default IP:192.168.0.200) of the camera then click Enter. The browser login screen appears, enter the "user name" (default admin)"password" (default admin) then click login.



6.4 View the ID of the mobile APP, Enter the set—Network—P2P



7 Set the ptz camera preset

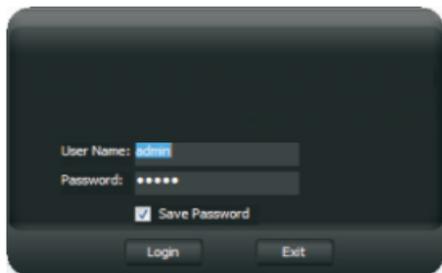
Take IE interface for example: after you enter into the zoom camera page in the IE interface, click "PTZ control" on the left then will appear the direction key of controlling ptz, Figure: Operate the ptz run to the location where you want to set preset, then click the ptz function on the left, select the preset value you want to set, then click set to finish. Figure:



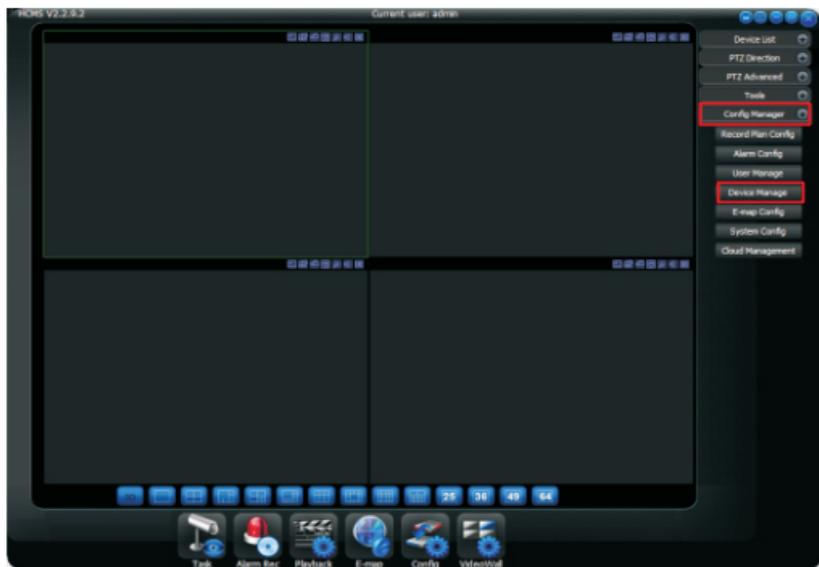
8 PC client access

8.1 Scan code to download the PC client(HCMS),install the file to your computer.

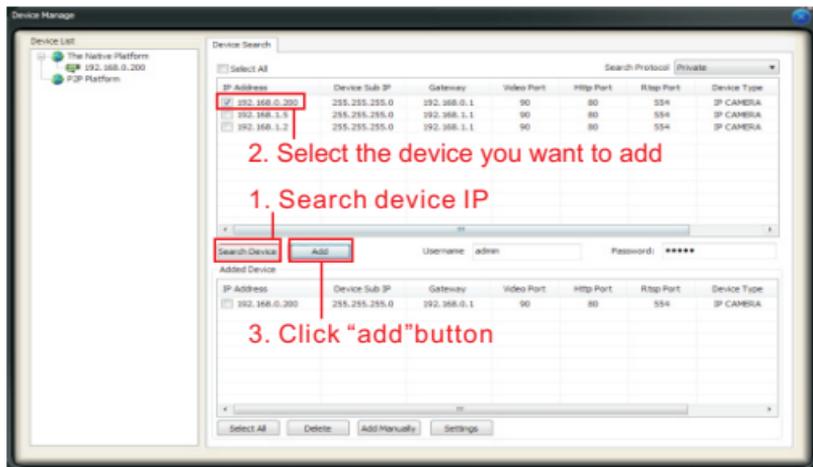
8.2 Open and log in the HCMS client software,
Default account: admin password: admin



8.3 After enter the software, click Configuration Management - Device Management



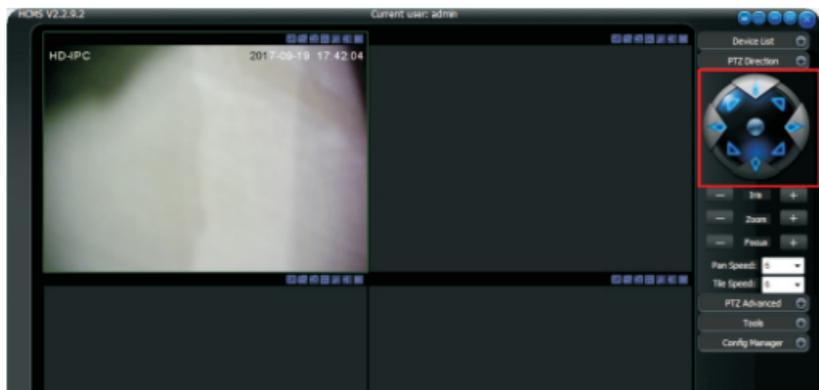
8.4 In the device management page, click [device look-up] , the network setup of the local Area Network will appear below the [device IP] , then choose the address of the device IP, the IP address will save in the [device saved] function, at same time, the device IP address will appear in the left top of [device list] under [local platform] , then clicking the X in the right top of the page for exit.



8.5 In the main interface, click [Device List] - [Local Platform] – double click the IP address to request screen.



8.6 In the main interface of the client, open the [PTZ direction control] to control the camera on the next, left, right, zoom +, zoom -, focus +, focus - and so on.



9 Mobile APP access

9.1 Installation and acquisition

Android system / IOS system

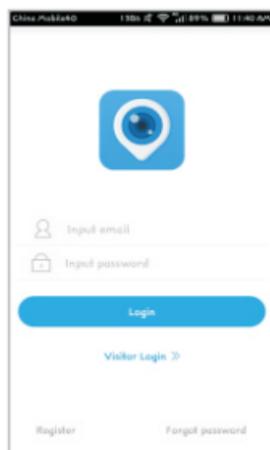
Search for keywords "Hisee"
on Google Play / App Store
to download and install. You
can also download by the
QR code



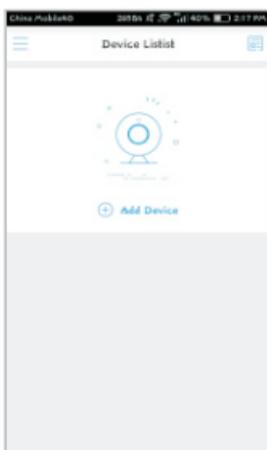
Android



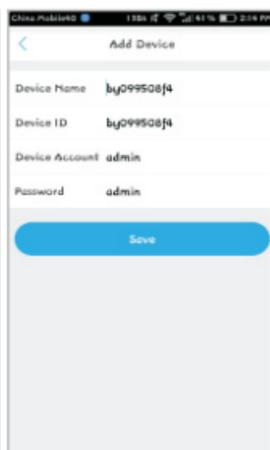
IOS



(Picture 1)



(Picture 2)



(Picture 3)

9.2 Register an APP account after installation well, enter the account and password to log in. (Picture 1)

9.3 Click the + sign on the middle, enter to the [add device interface]. And choose Wireless device. (Picture 2)

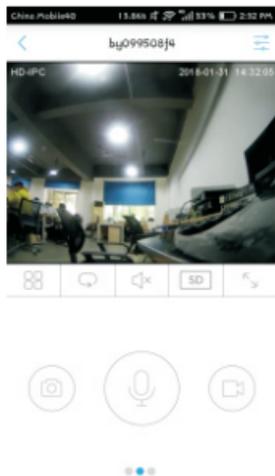
9.4 By scanning the QR code or inserting the ID manually in the page of device adding-in, inserting the ID number of the device, When default as scanning the code, please aim at the QR code (QR code is located in the device web customer ID 【setup】 — 【internet】 — 【P2P】),



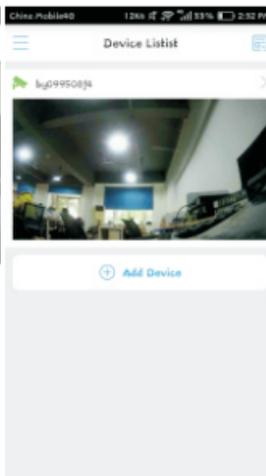
after inserting the device's ID, setup a name then click Add. (Picture 3).

9.5 After adding successfully, can see your online state on the software interface. Gray for offline, green for online. (Picture 4)

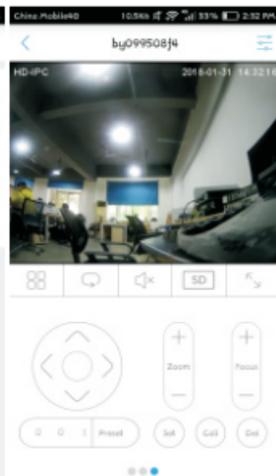
9.6 Click the phone screen and select the online device request screen. Drag the screen then can control the direction of the camera. (when first time using the mobile phone APP will appear operating tips). (Picture 5 and picture 6)



(Picture 4)



(Picture 5)



(Picture 6)

10 NVR add camera

- 10.1 Make sure the NVR and the camera are within the same network segment.
- 10.2 Open the channel management on NVR, and, click [search device] or [custom add] button in the channel management
- 10.3 Select the IP address of the camera, click **[Add]** or manually enter the IP address of the dome camera to add.
- 10.4 Select the onvif protocol, onvif port is 8999 (onvif port 8999 is fixed values can not be changed), And then enter the correct account and password of the camera, click Save.

11 PTZ Camera Common Function Settings:

11.1 Turn On/Off IR Lights Manually

Turn On IR Lights- call preset 90 and then call preset 2

Turn Off IR Lights-call preset 90 and then call preset 3

IR Lights Auto Mode- call preset 90 and then call preset 1

11.2 IR Lights Sensitivity Settings

High IR Lights Sensitivity- call preset 90 and then call preset 11

Medium IR Lights Sensitivity- call preset 90 and then call preset 12

Low IR Lights Sensitivity- call preset 90 and then call preset 13

11.3 IR CUT Setting

Turn on IR CUT- call preset 91 and then call preset 1

Turn off IR CUT-call preset 91 and then call preset 2

Turn on IR CUT Automatically- call preset 91 and then call preset 3

Turn off IR CUT Automatically -call preset 91 and then call preset 4

11.4 Patrol setting and call

[e.x]:Add 1-4 preset in the number one patrol, stay 30s, speed 40, operate as below steps

Add preset in the patrol

(1) Set preset 92, call preset 1, star to set number 1 patrol

(2) Call preset 1, add preset 1, star to set number 1 patrol

(3) Call preset 2, add preset 2, star to set number 1 patrol

(4) Call preset 3, add preset 3, star to set number 1 patrol

(5) Call preset 4, add preset 4, star to set number 1 patrol

(6) Set preset 92, call preset 9, save number 1 patrol

Set the preset stay time in the patrol

(1) Set preset 92, call preset 10, star to set the preset stay time

(2) Call preset 30, set the preset stay time 30s.

Set the preset in the patrol running speed

(1) Set preset 92, call preset 11, star to set the preset running speed

(2) Call preset 40, set the preset running speed 40.

Note: All the network ptz camera support to call the number 35 preset and execute the patrol of 1-8 preset afart March, 2015.E.x we only set

1.2.3 this three presets, call preset 35, then the ptz camera will cruising

1.2.3 this three presets, call preset 35, then the ptz camera will cruising among this presets. (Call preset 35 execute the patrol function correspond the first patrol,default stay time 10m, speed 50. If you want to change the stay time or patrol speed, please follow the above steps).

turn on patrol

Call preset 92, then call preset 1 (turn on patrol 1)

Call preset 92, then call preset 2 (turn on patrol 2)

Call preset 92, then call preset 3(turn on patrol 3).....and so on

11.5 Pattern setting and call

For example:If customer want to set pattern 1,then the steps as below:

Set preset 93,and then call preset 1(start to setting pattern 1)

Operate the ptz camera working according to the customers requirement

Set preset 93 and then call preset 5(save pattern 1)

Turn on pattern scan function operations:

call preset 93, and then call preset 1(turn on pattern 1)

call preset 93, and then call preset 2(turn on pattern 2)

call preset 93, and then call preset 3(turn on pattern 3)

call preset 93, and then call preset 4(turn on pattern 4)

11.6 AB line scan and call

Set line scan to A , call preset 94, call preset 41

Set line scan to B , call preset 94, call preset 42

Set AB line scan under high speed- call preset 94, call preset 43

Set AB line scan under medium speed- call preset 94, call preset 44

Set AB line scan under low speed-call preset 94, call preset 45

Set AB line scan in arc- call preset 94, call preset 46

Set AB line scan out arc- call preset 94, call preset 47

11.7 Park Settings

(1)Park Preset Settings

For example, if you want to set preset 1 as a park preset, then please call preset 94 and then preset 1; If you want to set the park time as 10s, then call preset 94 and then call preset 31

(2)Park Patrol Setting

For example, if you want to set patrol 1 as a park patrol,then please call preset 94 and then preset 9; If you want to set the park time as 10s, then call preset 94 and then preset 31

(3)Park Pattern Setting

For example, if you want to set pattern 1 as a park pattern,then please call preset 94 and then call preset 17; If you want to set the park time as 10s, then call preset 94 and then call preset 31

(4)Park AB Line Scan Setting

For example, if you want to set park AB line scan, call preset 94 and then call preset 22; If you want to set the park time as 10s, call preset 94 and then call preset 31

11.8 Turn on/off auto tracking(only support the camera which built in auto tracking function)

Turn on auto tracking function, call preset 94,and then call preset 50

Turn off auto tracking function,call preset 94,and then call preset 51

11.9 Reset the camera

Call preset 96 and then call preset 10 and then call preset 12 and then call preset 14

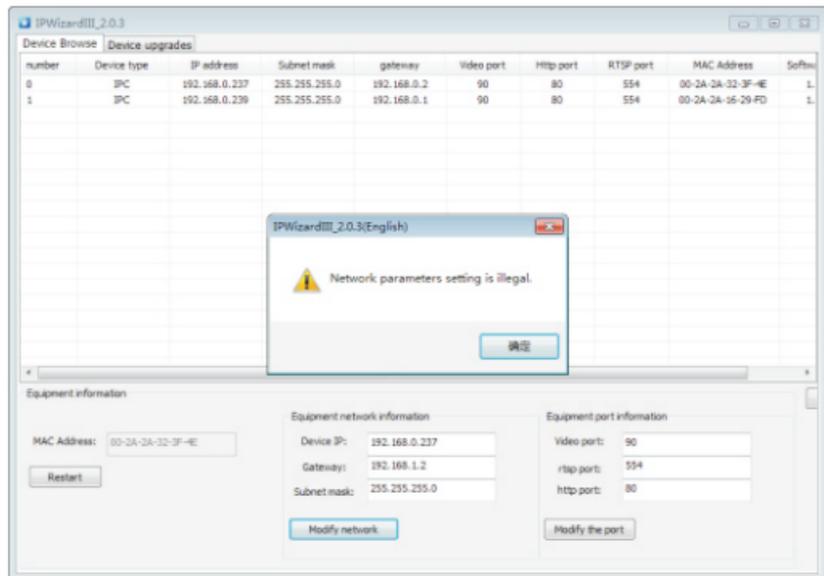
12 Q&A

Q : The camera can do self-test, but can not control after powered on.

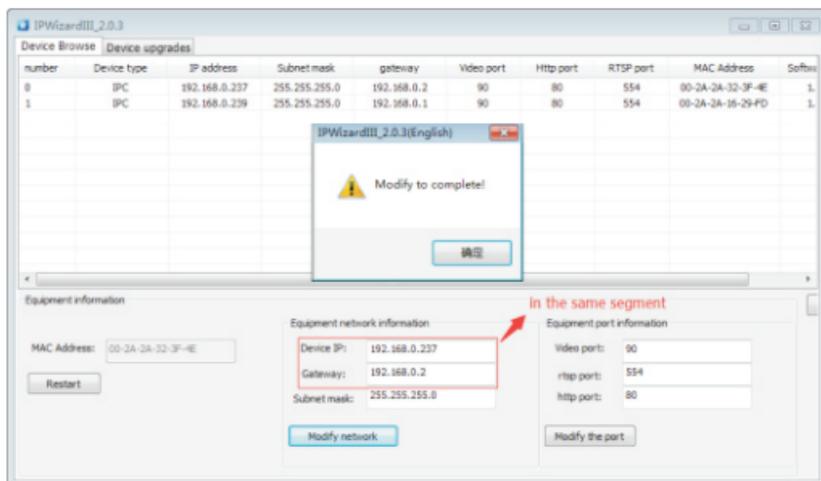
A : On the web client find setting—PTZ function—PTZ protocol—protocol (pelco-D) — Baud rate (2400) — Address(1), Change the protocol baud rate address to the default parameter.



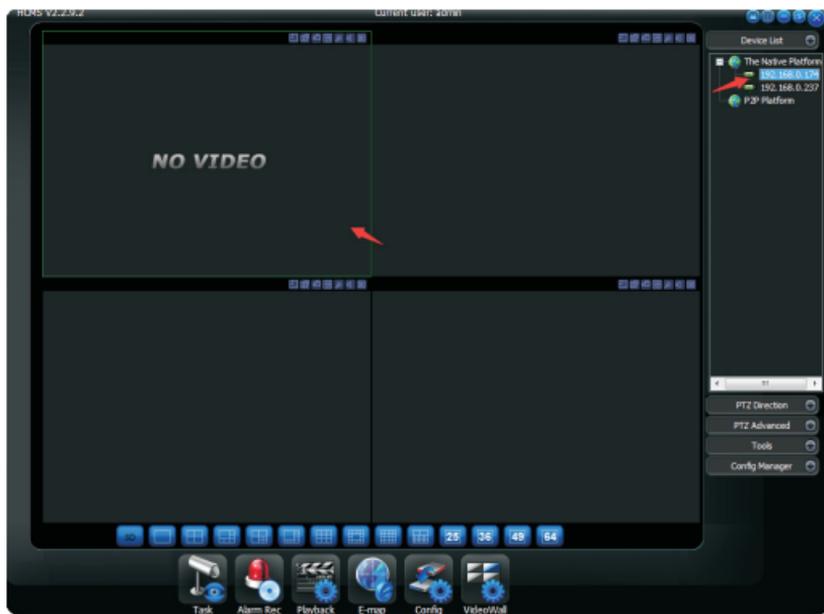
Q : When using search tool to modify the ip, it show " Network parameters setting is illegal "



A : The new IP and gateway should be in the same segment.



Q : The IP address is not found after powered on. And then PC client show "no VIDEO" or WEB client show "connection error".



A : The ip of camera may not be correct or the camera ip and the computer ip may not be in the same segment.You can use the tool IPWizardIII to search the real camera ip and set the ip address to a same network segment.

Q : Mobile connect to WIFI the menu is correct, but connect to 4G shows the device offline.

A : Make sure the network connection, DNS server address and gateway are correct.