

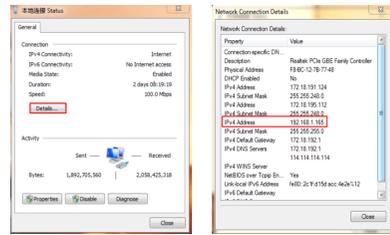
# IP Camera Quick Start Guide

## 1. Network Settings

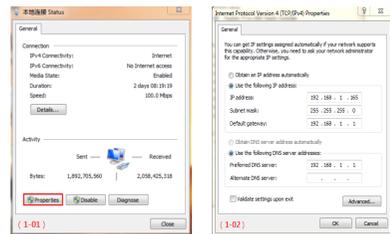
IPv4 address of the PC needs to be in the same network segment as the IP address of the IP camera to make it could be used normally (Note: The default IP address of the IP Camera: **192.168.1.168**). Specific settings in window system can refer to the following methods:

Method one :

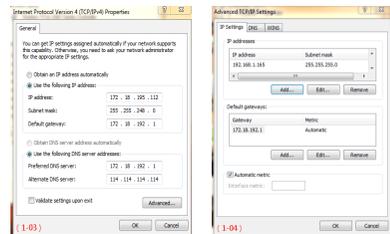
- Check the IPv4 address of PC, click **【Start】** / **【Control Panel】** / **【Network and Internet】** / **【Network and Sharing Center】** / **【Local Network】** / **【Details】**.



- Set the PC IPv4 address (e.g. PC: 192.168.1.165)



- Or add PC and network cameras in a same network segment (E.g: 192.168.1.165).



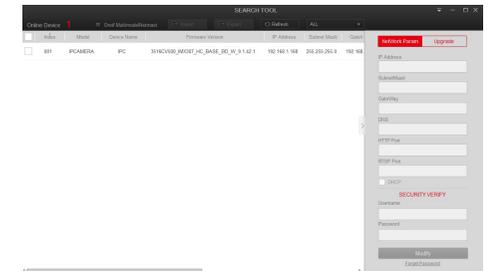
**Note: The IPv4 address can not be conflicted when you add in LAN.**

Method Two :

Use IP search tool 7.2.45.6 or above version, changing searched IP camera to the same network segment as the PC's. (Note: Default IP address of the IP Camera: **192.168.1.168**. Default Username: **admin**, default password: **admin**; the changed URL can not conflict with the IP address of other devices in the LAN).

## 3. Connection And Login

- Install the **【Search Tool】**, double-click **【🔍】** to open the **【Search Tool】**.

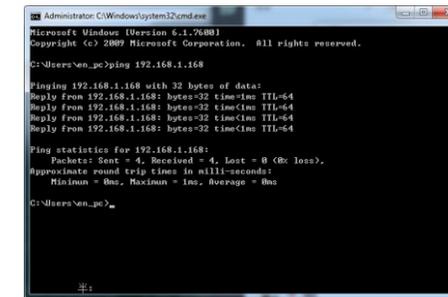


## 2. Ping Device Address

- Connect camera and PC by network cable in the same LAN, power on. Connecting as following (PoE switch, camera, PC connection photo).



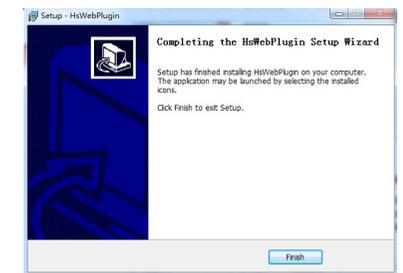
- Left click window **【Start】** menu, input "cmd" in **【Program/file searcher】** to open window command (or you can press shortcut "win+R" directly on keyboard to input "cmd"), from the Cursor blinking side, input "Ping \*\*\* \*\*" and press "Enter" (For example, when the camera IP address is 192.168.1.168, then input "ping 192.168.1.168" and press "Enter") to check the system statistical connect information. For example as below photo, when system statistical connect information is data package: sent=4, received=4, loss=0, <0% loss> means PC and camera signal communication is normal, you can login the camera by webpage.



- Double-click the device, and the web browser will automatically open the control download interface.



- Please download and install plugin when the first time you connect to the camera, click **【Download】** and follow the prompts to download and install the plugin.



- After installation, refresh the webpage and input user (default is "admin") and password (default is "admin"), click "Login".



## Statement

- Please read this manual carefully and keep it properly before using our network camera products.
- This manual is applicable to network series products.
- This manual may contain information that is technically inaccurate, inconsistent in the product's function and operation, or in a typographical error.
- Our company will update the context in the manual according to the enhancement of product features. Updated content will be added in the new version of this manual without further notice.
- If there is manual description of the product does not match with the physical, in order to prevail in kind.

## Safety Precautions

- This equipment should be installed in a well-ventilated environment. Please keep proper space with the ground during installation. It is good for the heat dissipation of the machine. Do not block the ventilation door of the equipment, away from the heat source and avoid high temperature environment.
- This product can not withstand heavy loads. Do not place heavy objects or multi-layer overlays on this product.
- Power must be under safety certification, Its output voltage, current, voltage polarity and operating temperature must comply with the power requirements of this equipment.
- When using this equipment in thunder and lightning conditions, please pay attention to install lightning protection device or cut off the power.
- In order to get high quality video and pictures, make sure your internet connection is stable and smooth.

## 4. Real-time Preview

① You must change your password when logging in for the first time, and log in again to enter the real-time preview interface.

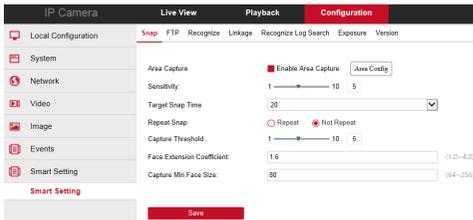


② Click **【Main Stream】** / **【Sub Stream】** / **【Tri-Stream】** to switch the preview stream. Click the corresponding icon in the lower left corner of the interface to stop the live preview, record, capture, and so on.

Click the zoom in/out icon on the right side of the screen to adjust the zoom of the camera.

## 5. Smart Setting

① Click **【Configuration】** / **【Smart Setting】** / **【Snap】** .



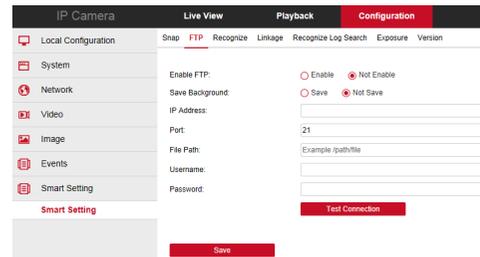
If you want to capture the area, click **【Enable Area Capture】** to open the area capture; click **【Area Config】** to enter the draw capture area page, and click **【Start Draw】** to draw the capture area.



After the drawing is completed, click **【Confirm】** to exit the interface.

The capture setting page can also set sensitivity, target snap time, repeat snap, capture threshold, face extension coefficient, and capture minimum face size. After each parameter is set, click save to take effect.

② Click **【FTP】** , open FTP upload, enter the server address, port and other parameters, click **【Test Connection】** , after the test is successful, click **【Save】** . After the network camera recognizes the face in the setting area, the captured image is uploaded to the FTP server. Note that you can take effect after clicking **【Save】** .



Note: After logging in to the browser, click **【Configuration】** to enter the function setting interface, which has Recognize, Linkage, Recognize Log Search, Exposure and other functions.

Users can selectively set these functions according to the actual situation of the application scenario to achieve better performance. Note that you can take effect after clicking **【Save】** .

## 6. Import Face Library

① Double-click "RecogManager.exe" to open the "IP Camera Feature Manager".

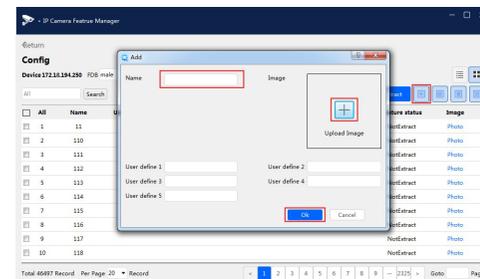


② Connect the device, click **【+ Add】** , enter the device IP, username and password, and click **【OK】** .

③ Check Add device, click **【Edit Config】** → **【+Add】** , set the base library name, and click **【OK】** .

④ Select "FDB", click "  ", enter the Name, User define, and click **【Upload Image】** → **【OK】** .

⑤ Click **【Extract】** → **【Yes】** → **【OK】** to complete the picture upload.



Note: The device only supports uploading pictures smaller than 100kb and in JPG format.

## 7. NVR adds IPC

Before adding, please confirm that the NVR and the device's IP address are on the same network segment and do not conflict.

Click the [Camera] under the NVR main menu to enter the menu and click [Add]. Tick the device to be added and click [Add].

Click [Camera] under the NVR main menu to enter the menu and click [Add] to select the device to be added, and click the [Add] button.

Note: Under the NVR main menu, you can also perform recording settings, video playback, motion detection, encoding parameter settings and more.

## 8. iVMS320 Client Access

① Open a browser and log in to <http://www.herospeed.net/>.

② Click **【PC Client】** → **【iVMS320 (Windows)】** or **【iVMS320 (Mac)】** to download the latest version of the video management system **【iVMS320】** .

③ After installing as prompted, add devices and view and manage it.

## 9. Mobile App Access

Scan the QR code to download and install the BitVision App.



After registering and logging in, you can add devices to realize remote viewing and device management of mobile phones.

## 10. IPC Installation Requirements

In order to ensure the best face capture, recognition effect, avoid overlapping faces and ensure that people of different heights can be captured, the installation of the equipment must meet the following requirements.

① IPC is installed in front of the channel, and the shooting direction is consistent with the channel direction.

② It is recommended that the IPC has a top view angle of between 5 and 15 degrees.

③ It is recommended that the IPC installation height be 2 meters to 2.7 meters.

④ The horizontal monitoring distance is related to the focal length of the selected lens, and the focus is on the entrance and exit of the channel.

⑤ Ensure even illumination on the face, avoid backlight, strong light and yin-yang face on the face. When the illumination intensity is less than 100 lux, white light source should be used to supplement the light of the photographed person.

IPC installation height, monitoring width and distance are as follows:

Installation height h/m	Farthest shooting distance d/m	Shooting width W/m	Lens focal length f/mm
2.7	7	3	17
2.3	5	3	10
2	3	2	3.6

