01 System Requirement

Operating System
Microsoft Windows XP SP1/7/8/ 10

CPU
3.0 GHz or higher

RAM
4G or higher

Display
1024×768 resolution or higher

Note:
For Google Chrome 45 and its above version or Mozilla Firefox 52 and its above version which are plug-in free, Picture and Playback functions are hidden. To use mentioned functions via web browser, change to their lower version, or change to Internet Explorer 8.0 and above version.

Web Browser
For camera that supports plug-in free live view
Internet Explorer 8 – 11, Mozilla Firefox 30.0 and above version and Google Chrome 41.0 and above version.

02 Network Connection

2.1 Setting the Network Camera over the LAN

Purpose:
To view and configure the camera via a LAN, you need to connect to the network camera in the same subnet as your computer, and install the SADP software to search and change the IP of the network camera.

SADP Download: vikylin.com/sadp-for-window/

2.2 Wiring over the LAN

The following figures show the three ways of cable connection of a network camera and a computer:

Purpose:
① To test the network camera, you can directly connect the network camera to the computer with a network cable. (Connecting directly must supply the camera with DC 12V power supply)

② Set network camera over the LAN via a switch or a router. (If it is a POE switch, you do not need to power the camera).

Connecting Directly

Connecting via a Router or a Switch

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③ Connect cameras to NVR.

NVR with POE

NVR without POE

03 Access to the Network Camera

3.1Accessing by Web Browsers

Steps:

1.Computer download and install the SADP software tool.
Please refer to 2.1

2.After installation, open the software and Refresh.Search for the IP address of the   camera;Query the IP address of the Camera.

3.Activate Camera
① Select a camera.
② Set password for the camera and confirm.
③ click Activate.

4. Modify the IP address of the camera and computer in the same network segment

Setting method:

① Select the IP address of the camera；

② Modify the IP address of the camera to be in the same network segment as the IP address of the computer,or choose DHCP to obtain an IP address automatically；

③ Enter the camera password；

④ Select Modify,then shows that the Parameters modification completed.

3.2 Web Login

1. Open the web browser or double click the camera IP address on SADP；

2. In the browser address bar, input the IP address of the network camera, and press the Enter key to enter the login interface,Input the user name and password and click Login.

Note:
• The default IP address is 192.168.1.64.

• Username：admin ；First login Click "Download Plug-in" when prompted;You have to download and run the executable as administrator.

• If failed to install the plug-in, download and save the Plug-in to the computer, close all browsers then re-install it.

• If there is a delay in video response when accessing remotely, please switch to Sub Stream instead. To learn the function of each button, just put the mouse on, and it will show screen tips.

3.3 Access to the camera by Guarding Vision

① Login the web interface of camera,Steps:Configuration ＞ Network ＞Platform ＞ Guarding vision .

② click "Enable",enter and confirm the Verification Code.

③ click "save" and refresh web .The register status content will show online.

⑤ open the mobile app. click Register, select a region, choose mobile registration or email registration, and fill in the correct verification code to automatically log in.

⑥ after registration,Click"+" to add a device,scan the QR code of the device body. enter the device verification code, Enter the device name.Clicking the device to watch the video.
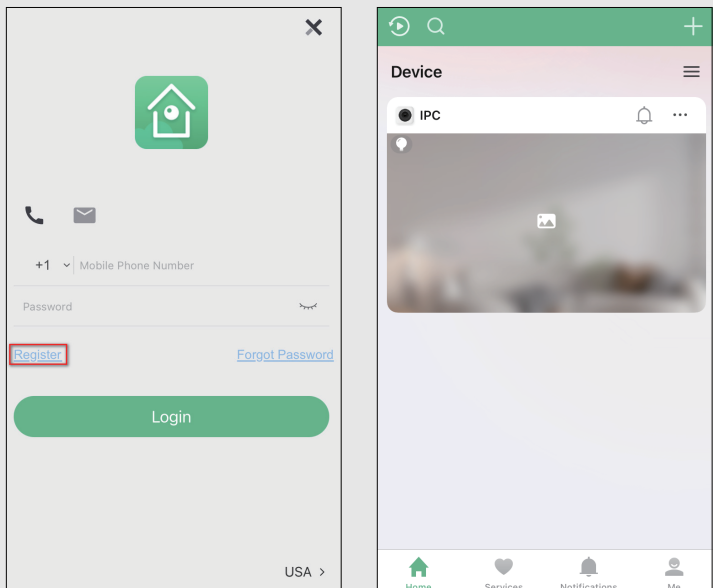
④ Download the mobile app **Guarding Vision** on your mobile phone.

Figure 1-7-1: Android app   Figure 1-7-1: IOS app

The camera can work with Hikvision POE NVR,Plug and Play, besides,the IP camera also supports standard ONVIF protocol ,which can be added to third-party video recorder easily with ONVIF.

When connecting to a third-party brand NVR, you need to manually enable the ONVIF function on the web page of the camera.

Note:

① Before connecting cameras to NVR that has POE switch ,make sure the NVR and cameras have valid IP scheme that matchs each other.(e.g.: Dahua NVR POE Port's IP Network Segment is 10.1.1.XX, so the camera IP must be 10.1.1.XX)

② Before connecting cameras to NVR that has no POE switch, Make sure the NVR and the camera are on the same network segment. (e.g.: POE switch router router's IP is 192.168.1.1, so the camera IP must be 192.168.1.XX)

③ Some POE NVR models support plug and play(such as Hikvision POE NVR), if the "Plug & Play" feature is not available or not applicable, please add camera manually.

05 Frequently Asked Questions

5.1 Why can't I open the default IP address 192.168.1.64 via a web browser?

The default IP address may not match your LAN's IP segment. Check your computer's IP address before accessing the camera. If the IP address does not match the 192.168.1.x segment, please install the IP search tool from the download

website to modify the camera's IP address. Make sure the IP address of the camera matches the LAN IP scheme. For example, if the your LAN is 192.168.0.A, then set the IP camera to 192.168.0.B and so on.

5.2 How to upgrade the IP camera ?

① Ask the supplier for the suitable firmware.

② You can use the web browser, search tool, or PC client to upgrade the camera.

③Go to the Configuration ＞ System ＞ Maintenance ＞ Upgrade & Maintenance, click browse and select the firmware, then click the Upgrade button and wait for the operation to complete.

5.3 How to fetch the RTSP video stream and http snapshot?

The URL of Hikvision main stream H.264 is:
rtsp://admin:asd12345@192.168.1.64:554/h264/ch1/-main/av_stream

The URL of Hikvision sub stream H.265 is:
rtsp://admin:asd12345@192.168.1.64:554/h265/ch1/sub-/av_stream

5.4 Why does the NVR not show image after adding your IP camera ?

① Make sure you selected the right protocol and enter the correct username and password when adding the cameras.

② Make sure the NVR and IP camera are the same IP seament.(eg. NVR:192.168.1.x, and IP camera:192.168.1.y).

③ Try changing the camera encode mode to H.264 if the NVR can't support H.265. (Configuration ＞ Camera ＞ Video ＞ Encode mode: H.264)

5.5 Forget Password

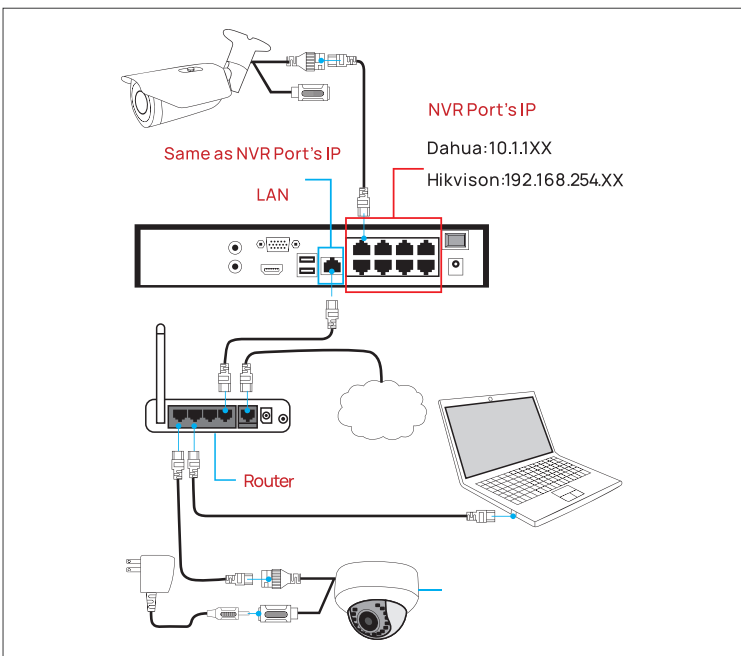Steps: Open SADP ＞ Check the camera＞ Click Forget Password ＞ Click "Export" to export the file and send it to the after-sales personnel ＞ Enter the key given by the after-sales service personnel ＞ Enter a new password for the camera.
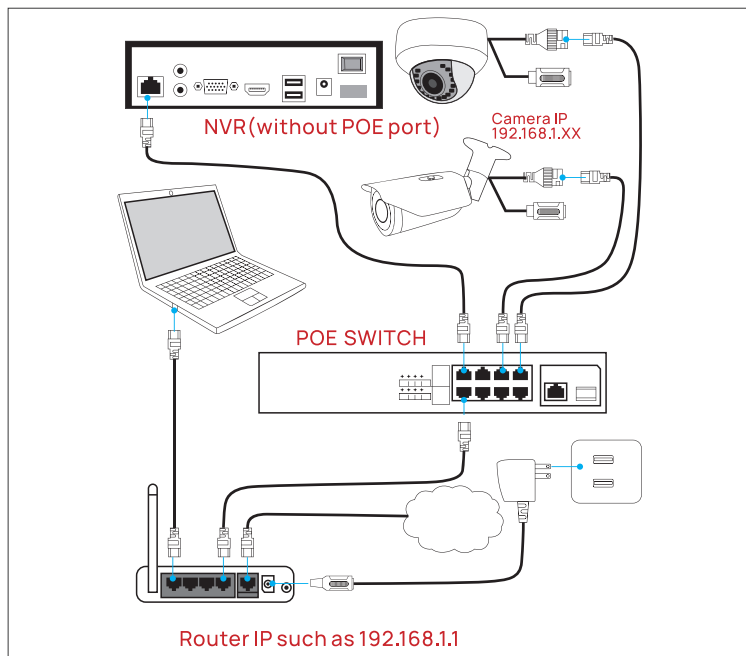
5.6 Reset camera

Reset the keyway on the camera housing, open the slot cover, and press and hold the reset key for 15s to restore the camera to the factory.

04 Camera Connection to NVR

NVR Port's IP
Dahua:10.1.1XX
Hikvison:192.168.254.XX

Same as NVR Port's IP

LAN

Router

POE port NVR

NVR(without POE port)

Camera IP
192.168.1.XX

POE SWITCH

Router IP such as 192.168.1.1

Without POE port NVR

VIKYLIN

VK Series POE IP Camera Quick Start Guide

https://www.vikylin.com/

NETWORK CAMERA QUICK GUIDE

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