

AVN2503

Wireless Network Camera

► Tutorial



Prerequisites

Before using the camera, make sure the following items are ready:

- Network camera (no microSD card)
- DC12V adapter
- Router
- Mobile phone / tablet
- (Optional) PC / laptop
- (Optional) Recorder

And also check and write down the mac address of your camera:



System Diagram

There are four system diagrams suitable for four scenarios for you to build your own surveillance system with this camera:

- [Diagram 1](#)

I'm installing this camera to simply see my pet or properties at home when I'm away and I do not need to keep video footage for later checking.

(This camera itself is only able to save up to 40 seconds of event footage.)

- [Diagram 2](#)

I need video recording and I have a redundant PC / laptop which can operate continuously

- [Diagram 3](#)

I need long time video recording and it's easy to do re-cabling at my home

- [Diagram 4](#)

I need long time video recording and it's not easy to do re-cabling at my home; the wireless support is preferable.

Diagram 1 (Wireless) camera + router + mobile phone / tablet

Recommended installation steps: software setup → hardware installation

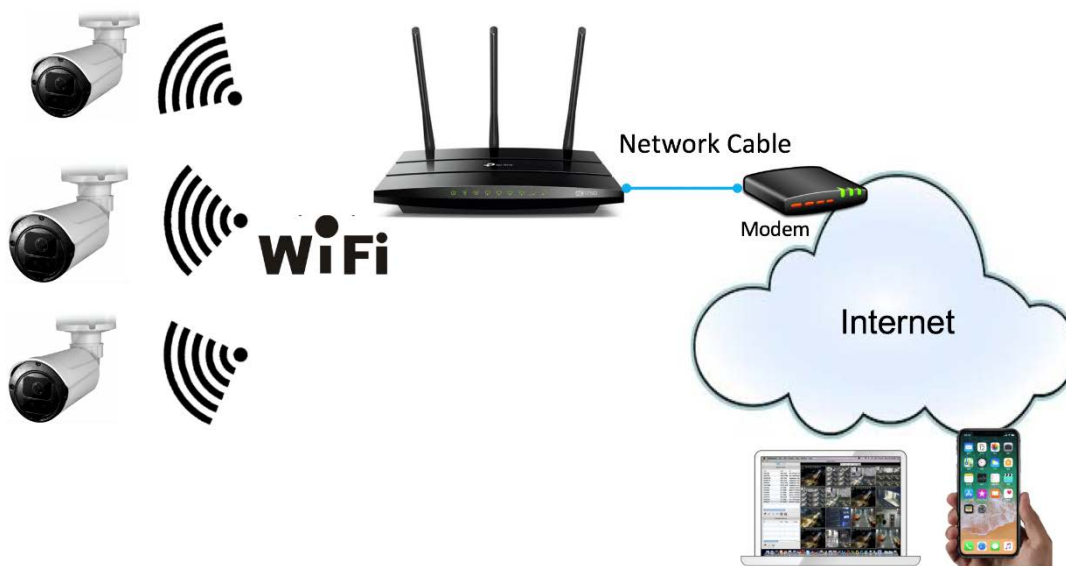


Diagram 2 (Wireless) camera + router + PC + mobile phone / tablet

Recommended installation steps: hardware installation & setup → software setup

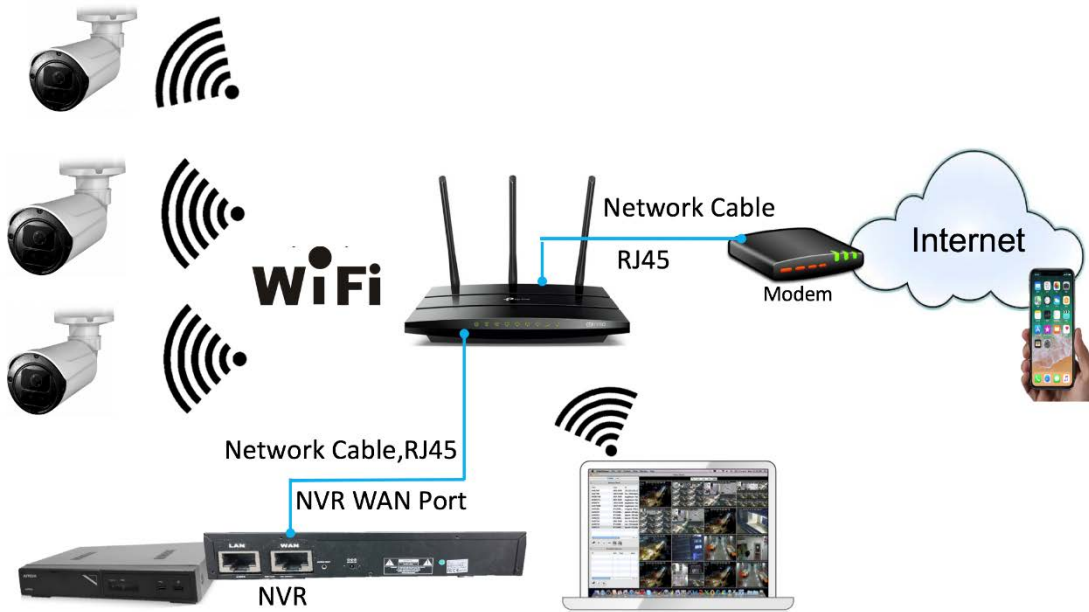


Diagram 3 (Wired) camera + router + NVR + mobile phone / tablet

Recommended installation steps: hardware installation & setup → software installation

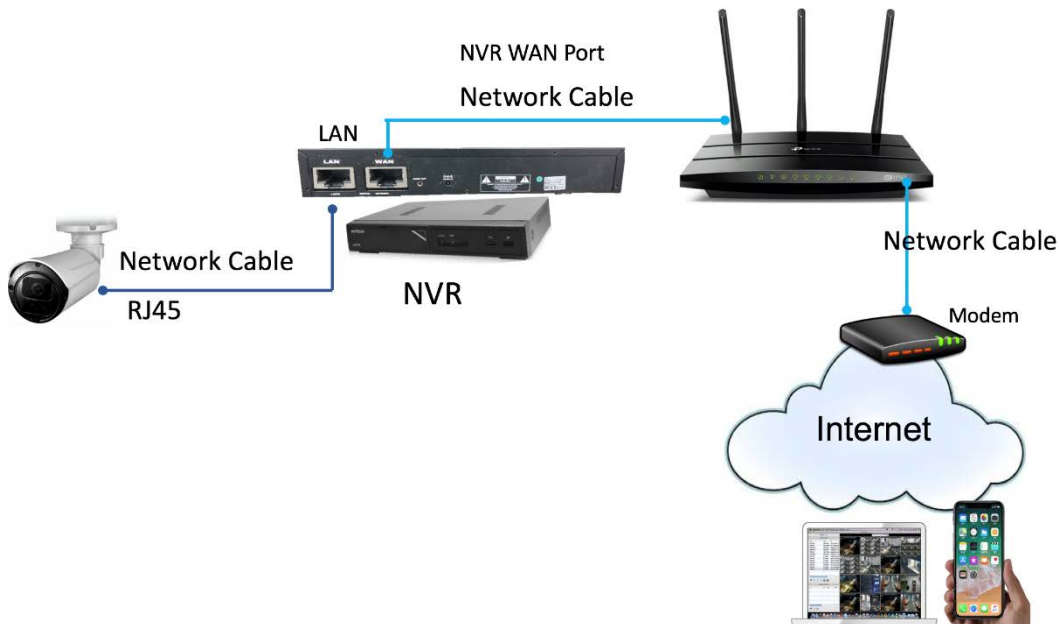
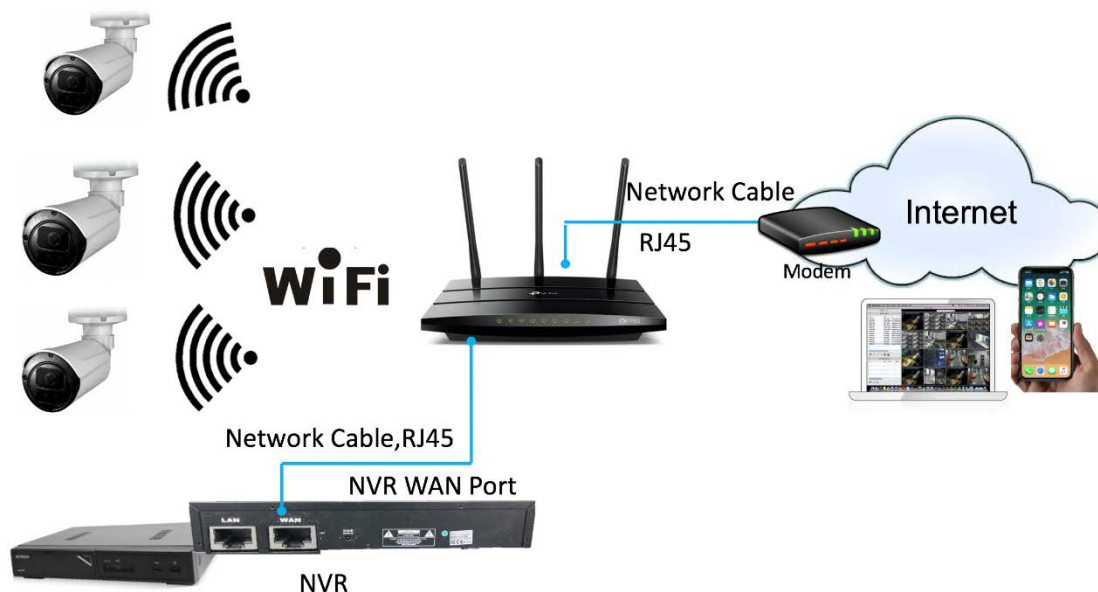


Diagram 4 (Wireless) camera + router + NVR + mobile phone / tablet

Recommended installation steps: software setup → hardware installation & setup



Software Setup

Go to Google Play or App Store to search and download the app, EagleEyes, and follow the instructions below based on the system diagram you're using.

Diagram 1 (Wireless) camera + router + mobile phone / tablet

Step1: Power on your camera and wait for the LED status indicator to start flashing.



Wi-Fi IP Camera



Training Video

Initial Stage Signal Introduction



Step2: Install EagleEyes on your mobile phone / tablet.

Step3: Instead of using your mobile network (such as 4G / 5G network), please connect your mobile phone / tablet to your wireless network first.

Then, open EagleEyes and click + (Add) to add a device. (Figure 1)

Step4: Select EaZy (Figure 2).

Step5: Select Wireless IP Camera (Figure 3).

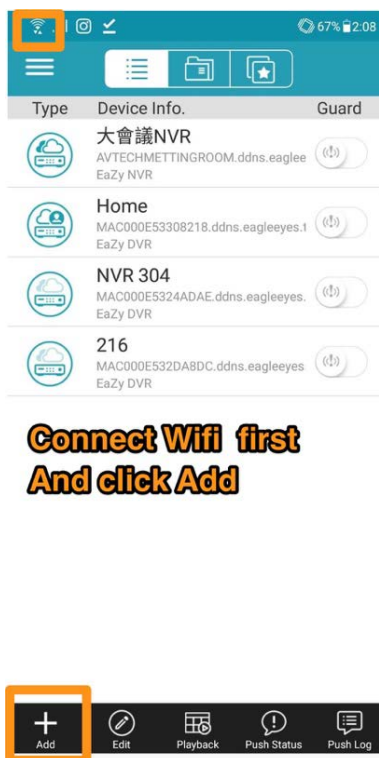


Figure 1

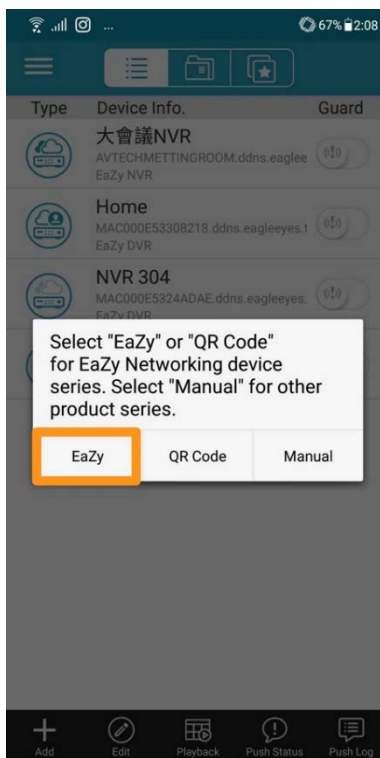


Figure 2

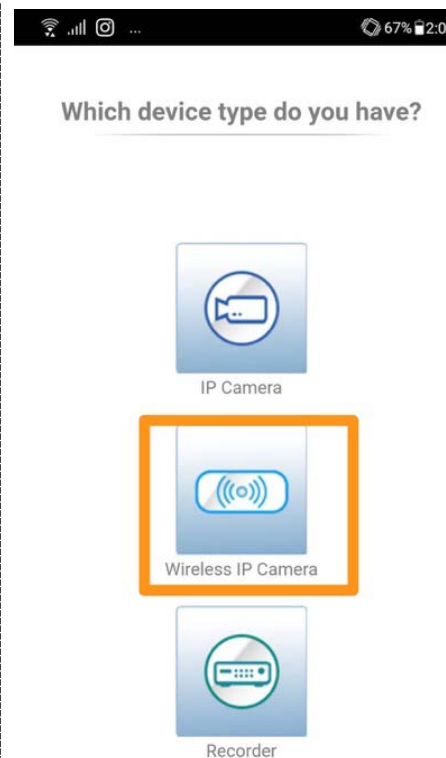


Figure 3

- Video demo for Step3 ~ Step5



Step6: Show the QR code to the camera within the distance of 20~30 cm for scanning.
Check *Figure 4* or the video demo below to know more details.



Figure 4



If you can't add your camera by scanning the QR code successfully, please add the device **manually** (Manual Setup).

Video Demo:



Diagram 2 (Wireless) camera + router + PC (CMS Lite) + mobile phone / tablet

Step1: Power on your camera and wait for the LED status indicator to start flashing.



Step2: Install EagleEyes on your mobile phone / tablet.

Step3: Instead of using your mobile network (such as 4G / 5G network), please connect your mobile phone / tablet to your wireless network first.

Then, open EagleEyes and click + (Add) to add a device. (Figure 1)

Step4: Select EaZy (Figure 2).

Step5: Select Wireless IP Camera (Figure 3).



Figure 1

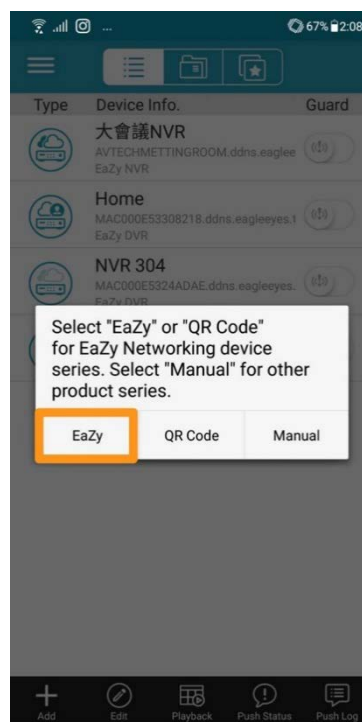


Figure 2



Figure 3

- Video demo for Step3 ~ Step5



Step6: Show the QR code to the camera within the distance of 20~30 cm for scanning.
Check *Figure 4* or the video demo below to know more details.



Figure 4



If you can't add your camera by scanning the QR code successfully, please add the device **manually** (Manual Setup).

Video Demo:



Step7: Click [here](#) to download and install CMS Lite to your PC.

Step8: Open CMS Lite, and scan and search the IP address of this camera.

Video demo:



Diagram 3 (Wired) camera + router + NVR + mobile phone / tablet

Step1: Power on the camera.

Step2: Check & write down the mac address of your camera.

Step3: Search and add the camera to the NVR (take AVTECH NVR as an example).

Video demo:



Step4: When the camera is added successfully, you'll be able to see the camera images.

Diagram 4 (Wireless) camera + router + NVR + mobile phone / tablet

Step1: Power on your camera and wait for the LED status indicator to start flashing.



Step2: Install EagleEyes on your mobile phone / tablet.

Step3: Instead of using your mobile network (such as 4G / 5G network), please connect your mobile phone / tablet to your wireless network first.

Then, open EagleEyes and click + (Add) to add a device. (*Figure 1*)

Step4: Select EaZy (Figure 2).

Step5: Select Wireless IP Camera (Figure 3).

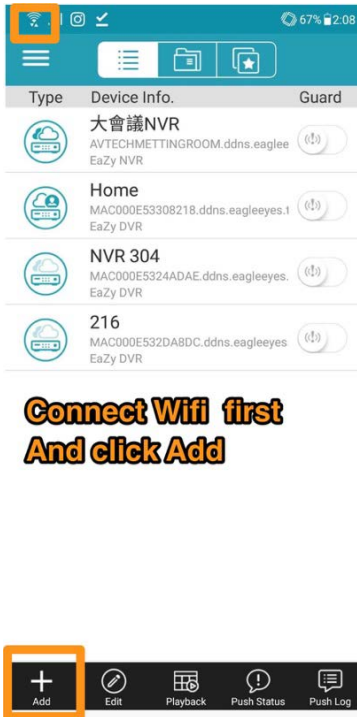


Figure 1

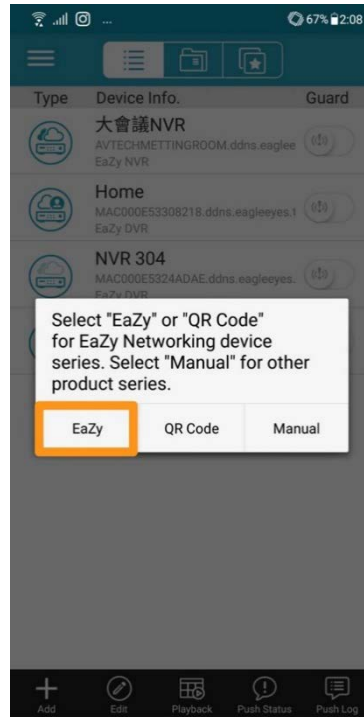


Figure 2

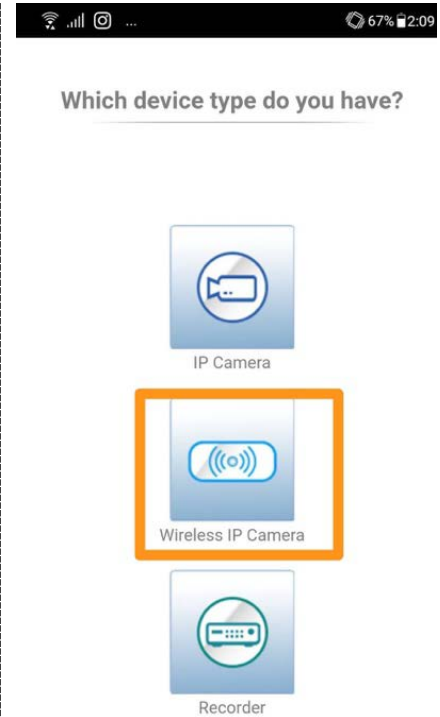


Figure 3

- Video demo for Step3 ~ Step5



Step6: Show the QR code to the camera within the distance of 20~30 cm for scanning.
Check *Figure 4* or the video demo below to know more details.



Figure 4



If you can't add your camera by scanning the QR code successfully, please add the device **manually** (Manual Setup).

Video Demo:



Step7: Check and make sure your mobile phone / tablet is connecting to the same wireless network as the camera is connected to ([where to check](#)). Then, open EagleEyes to search and find the IP address of your camera.

Video demo:



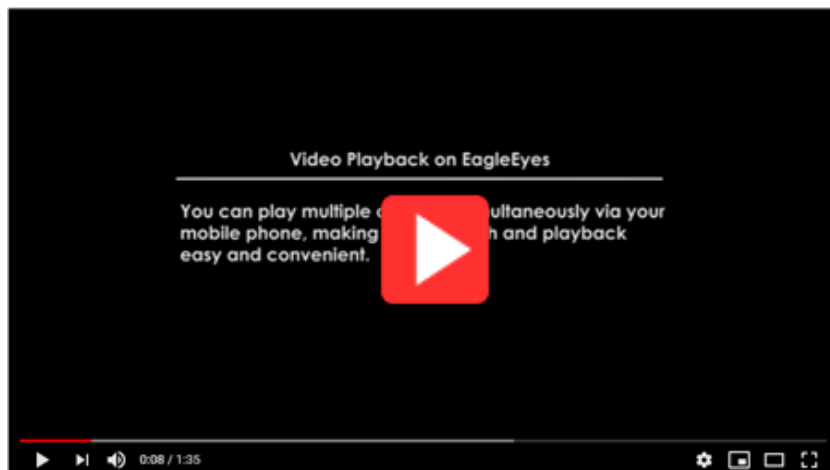
Step8: On NVR, manually enter the IP address of your camera, and you'll see the camera images when the camera is added successfully.

Video demo:

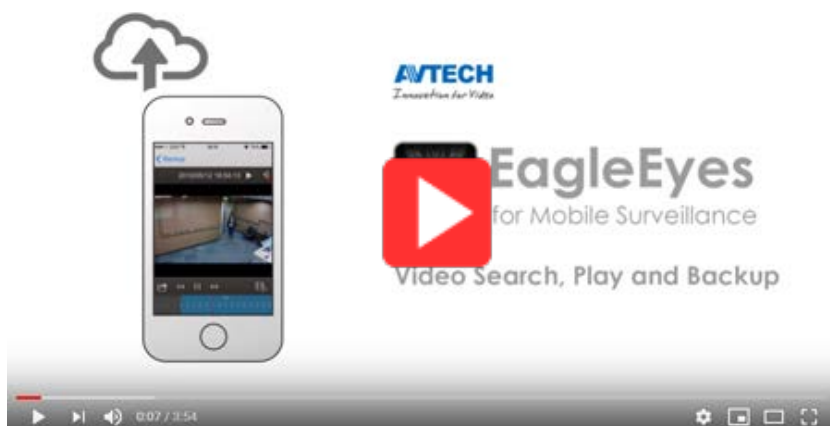


Operation via Mobile Device

How to play video footage saved in NVR from EagleEyes



How to copy video footage saved in NVR from EagleEyes



Hardware Installation

Click [here](#) and check the section, "Camera Installation", to know how to install this camera.