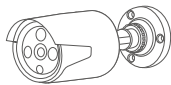


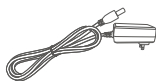
Camera for HeimVision NVR System CA01/CA03 Quick Guide

Please read this quick manual thoroughly before using this product and keep it for future reference.

PACKING LIST



IP Camera x1



DC 12V/1A
Power Adapter x1



Quick Guide x1

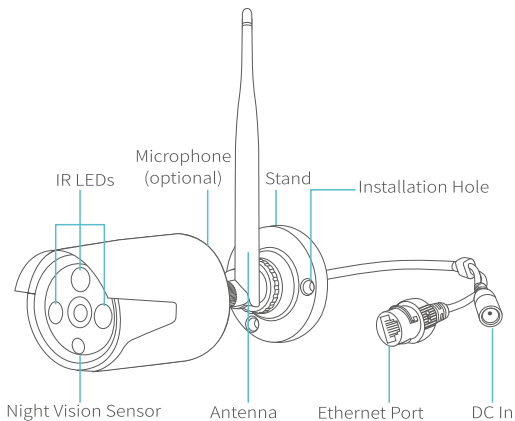


Screws



5DB Antenna x1

PRODUCT OVERVIEW



Notes:

1. CA03 has a microphone while CA01 has not.
2. The resolution of CA03 is 3M pixels while CA01 is 2M pixels.

ADD A NEW IP CAMERA TO THE NVR SYSTEM

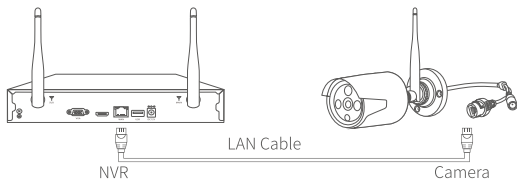
When you need to add a new IP Camera, please follow the steps below.

Step 1:

Plug the power adapter into the new camera and socket;

Step 2:

Plug the LAN cable into the NVR system and the camera;



Step 3:

Right click on the main interface of NVR system to show the **Menu bar**, then select **Video Manage**.

Step 4:

Click **Refresh** to show the new IP camera, select it, then click the **Match Code** to add the new camera automatically. Then you can unplug the LAN cable.

Video Manage

Protocol **N1**

ID	Device name	IP address	Preview	Protocol
1	IPCAM	172.20.14.33		N1

Refresh
Match Code
Auto Add
Modify
Advanced

< 0 / 0 >

Added device: 5 Remaining device: 3

Channel	Device name	IP address	Status
1	IPCAM	172.20.14.31	Connect success
2	IPCAM	172.20.14.32	Connect success
3	IPCAM	172.20.14.30	Connect success
4			No video source
5			No video source
6			No video source
7			No video source
8			No video source

Delete
Delete All
Manual Edit
Channel Setup
Wifi Setup
Repeater

Ok Cancel

Tip:

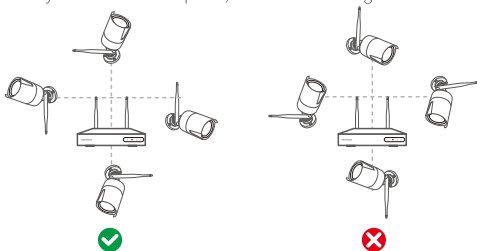
After adding the new camera, please right click to show the **Menu** bar, then select **Split Screen** to change the number of the channels showing in the same screen.

EXTEND THE WIFI RANGE

The Wifi signal will be weaker when going through the wall, stairs and other obstacles. However, there are some solutions that may help to extend the Wifi range.

Adjust the Antennas to the Appropriate Angle

According to the signal transmission character of antenna, it's better to adjust the antennas of the cameras to be paralleled with the antennas of the NVR system when they are in the flat plane, or adjust the antennas of the cameras to be vertical to the antennas of the NVR system when they are in the vertical plane, to receive better signal.

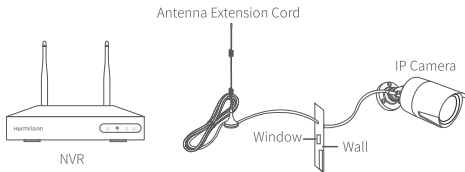


Tip:

Place the NVR on the desk and be far away from the devices that are easy to interfere the connection, such as microwave oven and TV, Make sure the obstacles between the NVR and the cameras are as few as possible.

Get an extra Antenna Extension Cable with Stand

Take off the antenna of the IP camera, then install the **Antenna Extension Cord** into the IP Camera and put it to the place where the Wifi signal is strong.



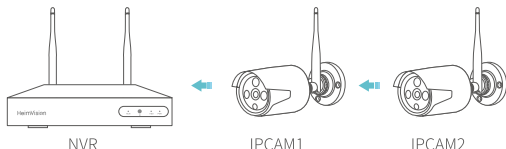
Get an extra Repeater Device

To extend the Wifi range, you can also install a Repeater device. Please refer to the user manual of the Repeater device you bought for using it.

Set up Cascading Connection

Notes:

1. When the IPCAM2 is installed out of the Wifi Range, but the IPCAM1 with strong Wifi signal (check it from the live picture) or with smooth streaming is between the NVR and IPCAM2, then you can set up the IPCAM1 as a virtual repeater following the steps.



2. This virtual **Repeater** function cannot strengthen the Wifi signal, but just help to extend the Wifi distance by the IP Camera.

Step 1:

Right click to show the **Menu** bar, then click **Video Manage > Repeater** to enter the **Repeater** setting .

Video Manage

Protocol N1

ID	Device name	IP address	Preview	Protocol

Refresh
Match Code
Auto Add
Modify
Advanced

< 0 / 0 >

Added device: 5 Remaining device: 3

Channel	Device name	IP address	Status
1	IPCAM	172. 20. 14. 31	Connect success
2	IPCAM	172. 20. 14. 32	Connect success
3	IPCAM	172. 20. 14. 30	Connect success
4	IPCAM	172. 20. 14. 33	Connect success
5			No video source
6			No video source
7			No video source
8			No video source

Delete
Delete All
Manual Edit
Channel Setup
Wifi Setup
Repeater

Ok Cancel

Step 2:

Click **+** after CH1/IPCAM1, then select **2** to set IPCAM1 as a repeater. This means CH2/IPCAM2 is connected to the NVR through CH1/IPCAM1.

Repeater

Channel	Signal
CH1	84
CH2	43
CH3	90
CH4	89
CH5	--
CH6	--
CH7	--
CH8	--

Refresh Apply Ok Cancel

Step 3:

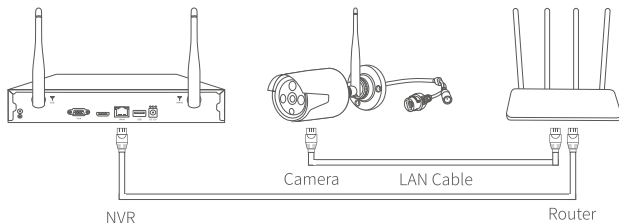
Click **Apply** to finish the cascading connection. To check if it's set successfully, please click **Refresh**. To delete the **Repeater**, left click on the selected channel, then click **Apply** and **OK**.

ADD A CAMERA THROUGH LAN CABLE

If the wifi signal is still too weak, you could switch to connect the IP camera with the NVR system through LAN cable.

Step 1:

Connect the NVR system and the IP camera to the same router through LAN cable.



Step 2:

Right click on the main interface of NVR system to show **Menu** bar, then select **Video Manage**.

Step 3:

Select the IP camera of which you would like to switch the connection method, then delete it.

Video Mange

Protocol: N1

ID	Device name	IP address	Preview	Protocol

Refresh
Match Code
Auto Add
Modify
Advanced

< 0 / 0 >

Added device: 5 Remaining device: 3

Channel	Device name	IP address	Status
1	IPCAM	172. 20. 14. 31	Connect success
2	IPCAM	172. 20. 14. 32	Connect success
3	IPCAM	172. 20. 14. 30	Connect success
4	IPCAM	172. 20. 14. 33	Connect success
5			No video source
6			No video source
7			No video source
8			No video source

Delete
Delete All
Manual Edit
Channel Setup
Wifi Setup
Repeater

Ok Cancel

Step 4:

Click **Refresh** to show the IP camera, select it, then click **Auto Add** to add the camera automatically. The added camera will be shown in the Added device list.

Video Manage

Protocol N1

ID	Device name	IP address	Preview	Protocol
1	IPCAM	172.20.14.33		N1

Refresh

Match Code

Auto Add

Modify

Advanced

< 0 / 0 >

Added device: 5 Remaining device: 3

Channel	Device name	IP address	Status
1	IPCAM	172.20.14.31	Connect success
2	IPCAM	172.20.14.32	Connect success
3	IPCAM	172.20.14.30	Connect success
4			No video source
5			No video source
6			No video source
7			No video source
8			No video source

Delete

Delete All

Manual Edit

Channel Setup

Wifi Setup

Repeater

Ok Cancel

SPECIFICATIONS

Operation frequency	2412-2472MHz
Max. RF output power	<12dBm

FCC Caution

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.

ISED Warning

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and.
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The device is compliance with RF exposure guidelines, users can obtain Canadian information on RF exposure and compliance. The minimum distance from body to use the device is 20cm. L'appareil est conforme aux directives d'exposition aux RF, les utilisateurs peuvent obtenir des informations canadiennes sur l'exposition aux RF et la conformité. La distance minimale du corps pour utiliser l'appareil est de 20 cm.

CAUTION

 The symbol indicates DC voltage



RECYCLING

This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment. User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment. This product can be used across EU member states.



CUSTOMER SUPPORT

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