

ZH-IXD15-WC

Setting WiFi connection with wireless IP Cameras

Before you begin you will need:

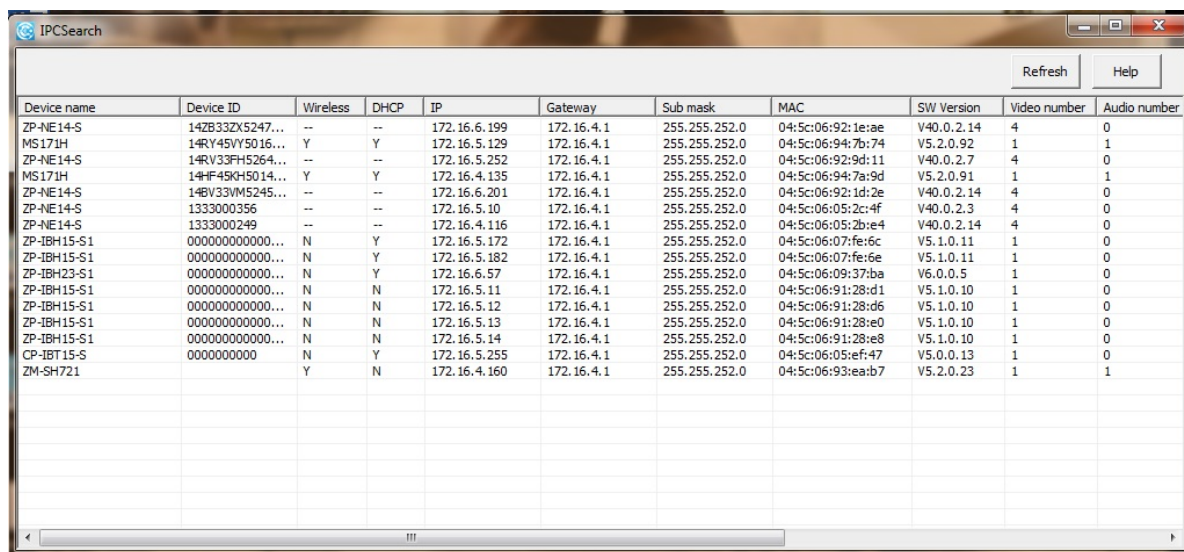
- Camera MUST be WIRED directly to your router and powered on
- Router IP address range
- Gateway address (this is your router's IP address)

>You will need to install the IPC Search software located here:

http://files.zmodo.com/Software%20Files/NVR%20Tools/IPCSearch1.0.15_Setup.exe

Once installed:

>Click "refresh" to find wireless devices.

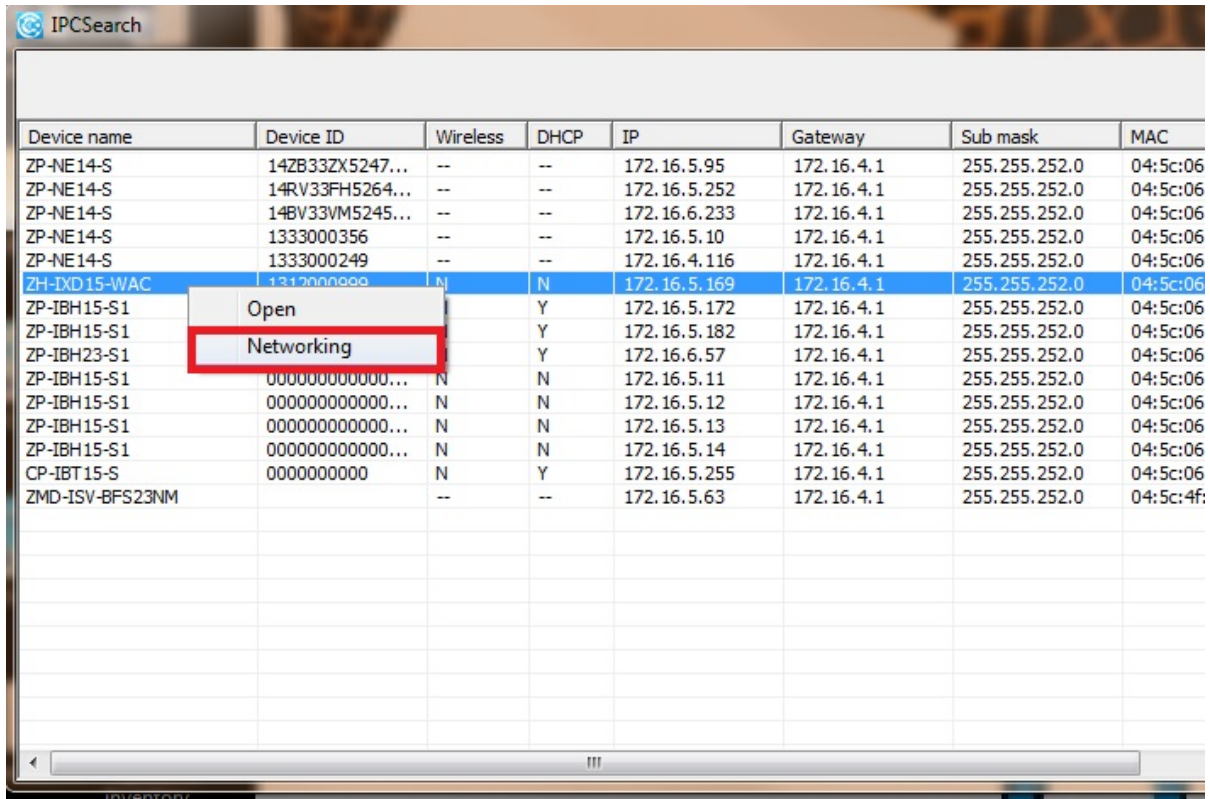


The screenshot shows the IPCSearch application window. It has a title bar with 'IPCSearch' and standard window controls. Below the title bar are 'Refresh' and 'Help' buttons. The main area contains a table with the following columns: Device name, Device ID, Wireless, DHCP, IP, Gateway, Sub mask, MAC, SW Version, Video number, and Audio number. The table lists several devices, including ZP-NE14-S, MS171H, ZP-NE14-S, MS171H, ZP-NE14-S, ZP-NE14-S, ZP-NE14-S, ZP-IBH15-S1, ZP-IBH15-S1, ZP-IBH23-S1, ZP-IBH15-S1, ZP-IBH15-S1, ZP-IBH15-S1, ZP-IBH15-S1, ZP-IBH15-S1, CP-IBT15-S, and ZM-SH721. Each row contains specific details for these devices, such as their IP addresses, gateways, and MAC addresses.

| Device name | Device ID | Wireless | DHCP | IP | Gateway | Sub mask | MAC | SW Version | Video number | Audio number |
|-------------|-----------------|----------|------|--------------|------------|---------------|-------------------|------------|--------------|--------------|
| ZP-NE14-S | 14ZB332X5247... | -- | -- | 172.16.6.199 | 172.16.4.1 | 255.255.252.0 | 04:5c:06:92:1e:ae | V40.0.2.14 | 4 | 0 |
| MS171H | 14RY45VY5016... | Y | Y | 172.16.5.129 | 172.16.4.1 | 255.255.252.0 | 04:5c:06:94:7b:74 | V5.2.0.92 | 1 | 1 |
| ZP-NE14-S | 14RV33FH5264... | -- | -- | 172.16.5.252 | 172.16.4.1 | 255.255.252.0 | 04:5c:06:92:9d:11 | V40.0.2.7 | 4 | 0 |
| MS171H | 14HF49KH5014... | Y | Y | 172.16.4.135 | 172.16.4.1 | 255.255.252.0 | 04:5c:06:94:7a:9d | V5.2.0.91 | 1 | 1 |
| ZP-NE14-S | 14BV33VM5245... | -- | -- | 172.16.6.201 | 172.16.4.1 | 255.255.252.0 | 04:5c:06:92:1d:2e | V40.0.2.14 | 4 | 0 |
| ZP-NE14-S | 1333000356 | -- | -- | 172.16.5.10 | 172.16.4.1 | 255.255.252.0 | 04:5c:06:05:2c:4f | V40.0.2.3 | 4 | 0 |
| ZP-NE14-S | 1333000249 | -- | -- | 172.16.4.116 | 172.16.4.1 | 255.255.252.0 | 04:5c:06:05:2b:e4 | V40.0.2.14 | 4 | 0 |
| ZP-IBH15-S1 | 000000000000... | N | Y | 172.16.5.172 | 172.16.4.1 | 255.255.252.0 | 04:5c:06:07:fe:6c | V5.1.0.11 | 1 | 0 |
| ZP-IBH15-S1 | 000000000000... | N | Y | 172.16.5.182 | 172.16.4.1 | 255.255.252.0 | 04:5c:06:07:fe:6e | V5.1.0.11 | 1 | 0 |
| ZP-IBH23-S1 | 000000000000... | N | Y | 172.16.6.57 | 172.16.4.1 | 255.255.252.0 | 04:5c:06:09:37:ba | V6.0.0.5 | 1 | 0 |
| ZP-IBH15-S1 | 000000000000... | N | N | 172.16.5.11 | 172.16.4.1 | 255.255.252.0 | 04:5c:06:91:28:d1 | V5.1.0.10 | 1 | 0 |
| ZP-IBH15-S1 | 000000000000... | N | N | 172.16.5.12 | 172.16.4.1 | 255.255.252.0 | 04:5c:06:91:28:d6 | V5.1.0.10 | 1 | 0 |
| ZP-IBH15-S1 | 000000000000... | N | N | 172.16.5.13 | 172.16.4.1 | 255.255.252.0 | 04:5c:06:91:28:e0 | V5.1.0.10 | 1 | 0 |
| ZP-IBH15-S1 | 000000000000... | N | N | 172.16.5.14 | 172.16.4.1 | 255.255.252.0 | 04:5c:06:91:28:e8 | V5.1.0.10 | 1 | 0 |
| CP-IBT15-S | 000000000000 | N | Y | 172.16.5.255 | 172.16.4.1 | 255.255.252.0 | 04:5c:06:05:ef:47 | V5.0.0.13 | 1 | 0 |
| ZM-SH721 | | Y | N | 172.16.4.160 | 172.16.4.1 | 255.255.252.0 | 04:5c:06:93:ea:b7 | V5.2.0.23 | 1 | 1 |

Next, move the mouse to the device you want to set up and right click. You will see two options, left click on "Networking".

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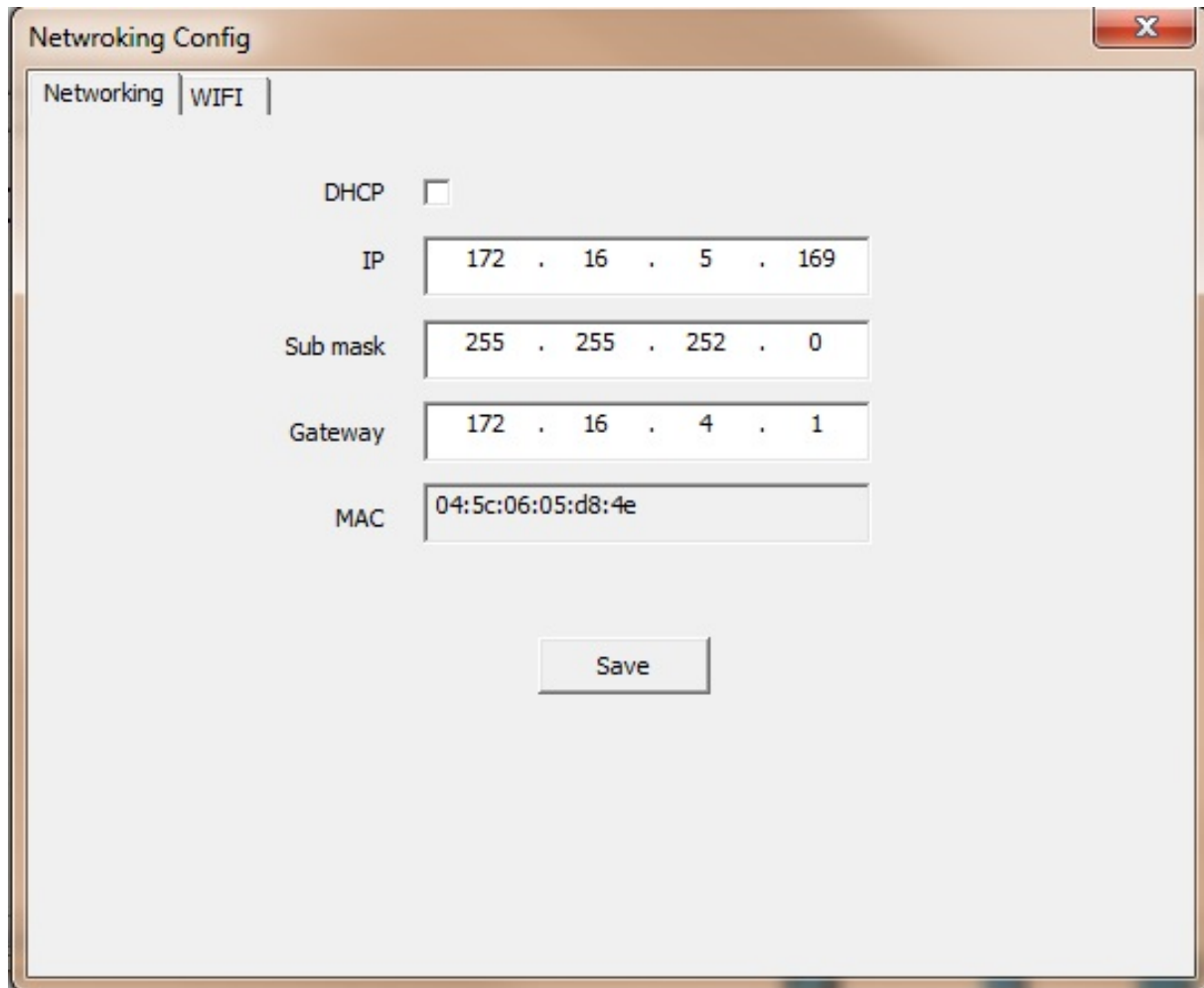


IPCSearch

| Device name | Device ID | Wireless | DHCP | IP | Gateway | Sub mask | MAC |
|-----------------|-----------------|----------|------|--------------|------------|---------------|-----------|
| ZP-NE14-S | 14ZB33ZX5247... | -- | -- | 172.16.5.95 | 172.16.4.1 | 255.255.252.0 | 04:5c:06 |
| ZP-NE14-S | 14RV33FH5264... | -- | -- | 172.16.5.252 | 172.16.4.1 | 255.255.252.0 | 04:5c:06 |
| ZP-NE14-S | 14BV33VM5245... | -- | -- | 172.16.6.233 | 172.16.4.1 | 255.255.252.0 | 04:5c:06 |
| ZP-NE14-S | 1333000356 | -- | -- | 172.16.5.10 | 172.16.4.1 | 255.255.252.0 | 04:5c:06 |
| ZP-NE14-S | 1333000249 | -- | -- | 172.16.4.116 | 172.16.4.1 | 255.255.252.0 | 04:5c:06 |
| ZH-IXD15-WAC | 1312nnnnnn | N | N | 172.16.5.169 | 172.16.4.1 | 255.255.252.0 | 04:5c:06 |
| ZP-IBH15-S1 | | | Y | 172.16.5.172 | 172.16.4.1 | 255.255.252.0 | 04:5c:06 |
| ZP-IBH15-S1 | | | Y | 172.16.5.182 | 172.16.4.1 | 255.255.252.0 | 04:5c:06 |
| ZP-IBH23-S1 | | | Y | 172.16.6.57 | 172.16.4.1 | 255.255.252.0 | 04:5c:06 |
| ZP-IBH15-S1 | 000000000000... | N | N | 172.16.5.11 | 172.16.4.1 | 255.255.252.0 | 04:5c:06 |
| ZP-IBH15-S1 | 000000000000... | N | N | 172.16.5.12 | 172.16.4.1 | 255.255.252.0 | 04:5c:06 |
| ZP-IBH15-S1 | 000000000000... | N | N | 172.16.5.13 | 172.16.4.1 | 255.255.252.0 | 04:5c:06 |
| ZP-IBH15-S1 | 000000000000... | N | N | 172.16.5.14 | 172.16.4.1 | 255.255.252.0 | 04:5c:06 |
| CP-IBT15-S | 0000000000 | N | Y | 172.16.5.255 | 172.16.4.1 | 255.255.252.0 | 04:5c:06 |
| ZMD-ISV-BFS23NM | | -- | -- | 172.16.5.63 | 172.16.4.1 | 255.255.252.0 | 04:5c:4f: |

A new window will open as shown below (notice the two tabs, Networking and WiFi). First, click on the the "WiFi tab", uncheck the DHCP option at the top. Next, enter the IP address and gateway as needed to work with your router.

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Netwroking Config

Networking | WIFI

DHCP ☐

IP 172 . 16 . 5 . 169

Sub mask 255 . 255 . 252 . 0

Gateway 172 . 16 . 4 . 1

MAC 04:5c:06:05:d8:4e

Save

You will want to open the camera in an Internet Explorer browser. Example, if the IP address you gave the camera was 192.168.1.50, then you will type <http://192.168.1.50> in the browser's address bar and then hit enter. Once you get to the login screen, be sure to enable compatibility view in the browser settings (In IE, tools>compatibility view). You will need to login with your username and password.

Default username: admin Password: 111111

Click on the gear(settings) the go to the Network section and make sure you uncheck DHCP and save the settings. You then want to click on Wireless Settings. You may need to fill in the proper IP address information to match the settings you entered earlier. You will then double click on the wireless router that should have come up in the list below. You will enter your wireless password and choose connect. It should say succeed and then you will choose save. After both options succeed you can close out of that configuration box.

******WEP is not an acceptable security key option and the camera will not accept any WiFi network with this type of security encryption. You must use WPA/WPA2.**

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Unique solution ID: #1094

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