



If the correct channel type is selected the image should be visible and recording.

This next step is for advanced users and only applies if you are using IP cameras over your network, if you aren't you can stop reading here.

**On Settings > Camera > Channel Type. Select IP and then the system will prompt to Restart.**

Once the system restarts you will have a new page under **Settings > Camera > Camera List**

The screenshot shows the 'Camera List' interface. At the top, there are tabs for 'Camera List' and 'Update'. Below the tabs, there are search and filter options, including 'Search Device', 'Plug and Play', 'H.265 Auto Switch', and 'Initialize'. A table lists the following camera details:

No.	Live	Status	IP Address	Port	Device Name	Manufacturer	Type	MAC Address
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	192.168.0.4	37777	XVR	Private	CSP-8PRO-I3	3c e3 6b 92 5d 00
2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10.1.1.67	Port3	8G06F0BPAJ522DE	Private	IP PTZ Camera	1c b6 94 27 89 03
3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10.1.1.71	Port7	7C118F1PAG7D78B	Private	IP Camera	6c 1c 71 21 ed fc
4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10.1.1.69	Port5	7C11BCSPAG6025F	Private	IP Camera	6c 1c 71 1c d4 cf
5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10.1.1.70	Port6	7C11BCSPAGF3ABE	Private	IP Camera	6c 1c 71 1e a4 e5
6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10.1.1.74	Port10	6F05574AAG5C148	Private	IP Camera	08 ed ed ea 35 5e

Below the table are buttons for 'Add', 'Manual Add', and 'Modify IP'. A second section titled 'Added Device' shows a table of linked cameras:

Channel	Edit	Delete	Status	IP Address	Port	Device Name	Remote CH No.	Manufacturer	Camera Name	Webpage	Type
1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10.1.1.128	Port1	9D01375PAG4...	1	Private	CSP-TAD8-A	<a href="#">e</a>	CSP-TAD8-A
2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10.1.1.66	Port2	8B07347PAG...	1	Private	IPC	<a href="#">e</a>	IP Camera
3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10.1.1.67	Port3	8G06F0BPAJ5...	1	Private	IP PTZ Camera	<a href="#">e</a>	IP PTZ Camera
4	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10.1.1.68	Port4	5L0708EPAG7...	1	Private	CSP-IPMIC8	<a href="#">e</a>	IP Camera
5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10.1.1.69	Port5	7C11BCSPAG...	1	Private	CSP-IPMD8-A	<a href="#">e</a>	IP Camera
6	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10.1.1.70	Port6	7C11BCSPAG...	1	Private	CSP-IPMX8-A	<a href="#">e</a>	IP Camera

At the bottom of the 'Added Device' section are buttons for 'Delete', 'Import', 'Export', and 'Refresh'.

On this page you can select the IP cameras on your network. You will want to make sure that your IP address is on the same IP range as the NIC from your Settings > Network > TCP/IP page. Verify the system is getting an IP from your router by modifying NIC 1 and enabling DHCP so the router will lease it an IP address.

If a camera from us is uninitialized on the network, you can find and initialize it following these steps.

On the Camera List > Click in the box to the left of the camera and then click on Initialize on the top right.

On the next screen you will have the option to use the admin password and email reset of the NVR for the camera. You can leave that checked and select Next on the bottom right.

Next you will be asked to modify the IP address of the camera. Make sure that the IP address matches the NIC IP address in your network settings. For example, if the IP is

192.168.1.100 set the camera to 192.168.1.101-255 and the Gateway to your router IP Address.

Usually this is 192.168.1.1 on most networks, check your TCP/IP settings if unsure. DHCP should've input this information alongside the IP Address.

Click Next on the bottom right once you've entered the IP and Default Gateway. The Device will initialize and take the admin password of the NVR.

You should now see the camera with a green check mark under status with the new IP address. You may need to click on Search Device to refresh the list. Click on the box to the left of the camera and then click on Add. You should now see the camera added with a green status light and the camera will be viewable on your Live View Screen.

Any other questions or concerns please feel free to contact us at [support@cctvsecuritypros.com](mailto:support@cctvsecuritypros.com)

Our technicians may ask to connect into a nearby computer to better assist you. To expedite this process please follow this link and download TeamViewer! <https://download.teamviewer.com/qs>

If you are unable to find an IP camera when searching, check the following:

- IP cameras can take up to 2 minutes to fully boot up.
- Be sure your POE Switch is powered on and connected to Port 2 on your NVR. Ensure that both ends are tightly connected.
- Check for status lights on the POE Switch, if you do not see any status lights on the port the camera is connected to try an alternate cable or redo your cables ends.
- When making custom cables make sure you are using the T568-B Standard. If you are not, you can have communication problems to the camera.
- You can cover your hands over the lens for a few seconds to get the IR lights to power on. You can check if the camera is getting power this way if the lights turn on.
- The maximum distance of Ethernet is 328 feet normally. Unless you are using a special switch to extend the transmission of the cable do not exceed 328 feet.
- If all else fails and one is available, try swapping the camera with a known good one to verify the cable works.