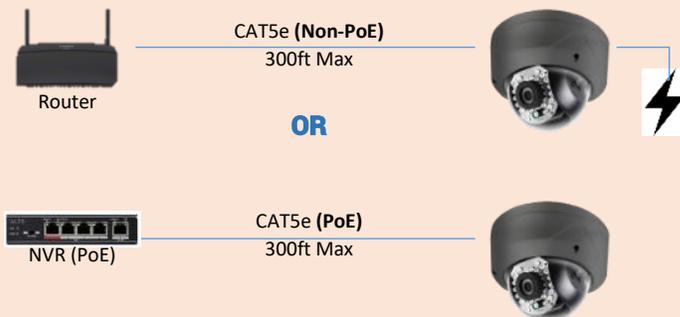


KB – 4 ways to Setup the LTS IP Camera (IPC)

IPC Cable connection: (Regular Cable Distance: 300ft Max)

Two normal ways to connect the IP camera:

1. Connect regular network with 12VDC power
2. Connect IP camera with PoE Connection



WARNING: Connecting the PoE & 12VDC power together may cause damage to the IP camera.

4 Ways to Setup the LTS IP Camera

There are 4 easy ways to programming the LTS IP camera.

1. How to Reset the IP Camera?
2. Use Windows PC to activate IP Camera
3. Use Smart Phone to Activate
4. Use NVR to Activate the IP camera
5. Universal IPC Tester (X43)



Important Notice: Activation Required

For security design concern, the LTS IP camera do requires the Activation before it use.

How to reset the IP Camera?

There are two ways to reset the camera password.

1. Use Hardware reset button. Press the **Reset** button & Hold it. Disconnect Power for 20 sec, resume power and wait for another 10sec. Then release the button. The camera will deactivate and be factory defaulted.

2. Software reset from the IP portal.

Go to www.ltsecurityinc.com/downloads

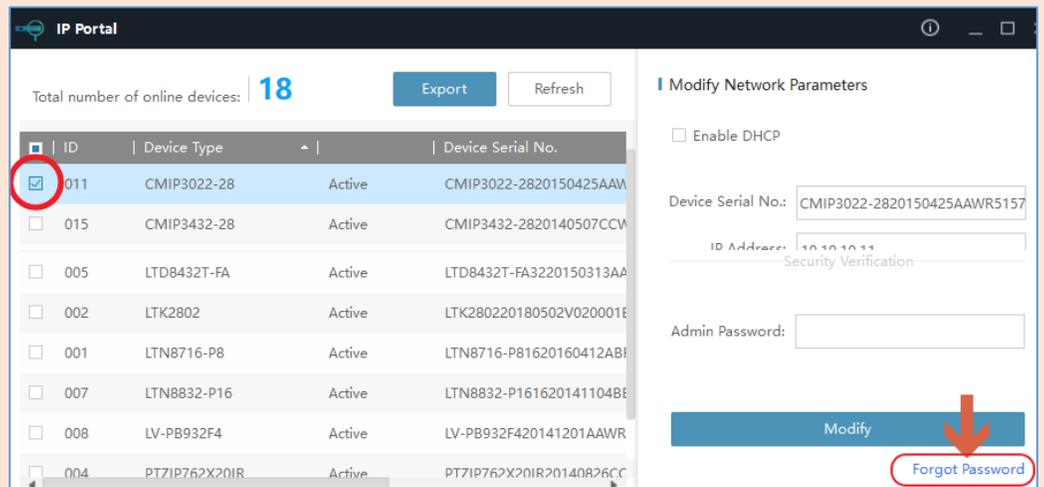
Download **IP portal** software and run it. Remember: During the installation, if it popup the **WinPCap** software installation is required. Then, you should see your LTS devices.



Software Password Reset

1. Select **one Camera Only**.

2. **Forgot Password** at bottom right

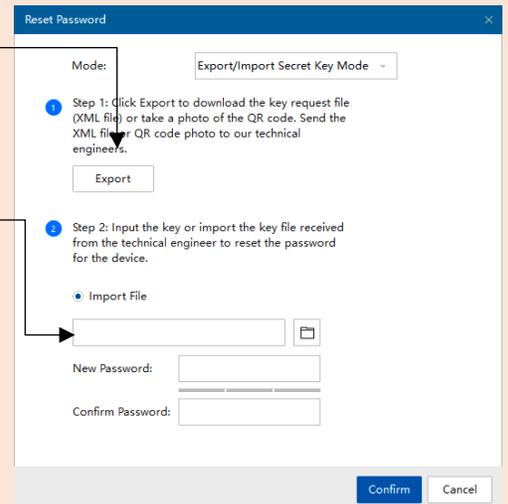


Export the credential file key, save to the Desktop  CMIP3022-280820160916AARR6
And, email it back to the [LTS tech support](#). Once it exported, don't export again.

After getting the unlock key back, choose folder icon and select the unlock file for import.  20180704022321

Enter the new password and confirm password as below. Pressing **Confirm** will complete the password reset. New Password will be imported.

IMPORTANT: Export Key and Import must do it in one day.



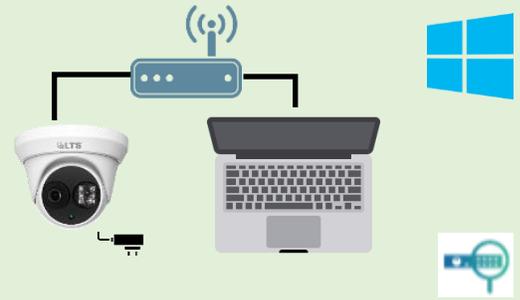
Troubleshooting: Unable to reset the password

1. The key is mismatched. 2. The key is expired, please issue again. 3. Unable reset password thru the wireless network. Connect to the LAN first. 4. Network issue. try change PC ip to 192.0.0.xxx & try again.

Setup IP Camera (Use Windows PC)

Go to www.ltsecurityinc.com/downloads

Download **IP portal** software and install it first. Run the software after the installation. Remember: During the installation, if it popup the **WinPCap** software installation is required. Then, you should see all your LTS devices. If not, please read the troubleshooting.



Connect the network IP camera and your PC to the same router.

How to Activate the device? (from Inactive)

1. Select ID box
2. Enter Password
(Requires 8–16 chars, letters + numbers)
3. Click Activate

If you see the GUID message, skip it. Now, your device is activated.

The screenshot shows the IP Portal interface with a table of devices. The device with ID 115 is highlighted in blue and marked as 'Inactive'. A red circle with the number '1' points to the checkbox next to its ID. To the right, the 'Activate the Device' dialog box is open, showing a lock icon and the message 'The device is not activated.' Below this, there are fields for 'New Password' and 'Confirm Password', with a red circle '2' pointing to the 'New Password' field. At the bottom of the dialog is an 'Activate' button, with a red circle '3' pointing to it.

ID	Device Type	Security	IPv4 Address	Port	IPv4 Gat...	Software V...	HTTP ...	Device Serial No.
009	CMIP1142W	Active	192.168.1...	8000	192.168...	V5.4.0buil...	80	CMIP1142W20150
010	CMIP8242W	Active	192.168.1...	8000	192.168...	V5.3.6buil...	80	CMIP8242W20150
011	CMIP3052-28	Active	192.168.1...	8000	192.168...	V5.4.0buil...	80	CMIP3052-28201
012	CMIP9743W-S	Active	192.168.1...	8000	192.168...	V5.4.0buil...	80	CMIP9743W-S201
013	CMIP7442WB-...	Active	192.168.1...	8000	192.168...	V5.4.0buil...	80	CMIP7442WB-28
014	CMIP8242W	Active	192.168.1...	8000	192.168...	V5.4.0buil...	80	CMIP8242W20150
115	CMIP7452B-M	Inactive	192.0.0.64	8000	192.0.0.1	V5.4.0buil...	80	CMIP7452B-M201
016	CMIP7243W-S	Active	192.168.1...	8000	192.168...	V5.3.6buil...	80	CMIP7243W-S201
017	CMIP3042W-28	Active	192.168.1...	8000	192.168...	V5.4.0buil...	80	CMIP3042W-2820
018	CMIP9142W	Active	192.168.1...	8000	192.168...	V5.4.0buil...	80	CMIP9142W20150
019	CMIP3142W-28S	Active	192.168.1...	8000	192.168...	V5.4.0buil...	80	CMIP3142W-28S2
020	CMIP7243W-SZ	Active	192.168.1...	8000	192.168...	V5.4.0buil...	80	CMIP7243W-SZ20
021	CMIP7562F-E	Active	192.168.1...	8075	192.168...	V5.4.14buil...	75	CMIP7562F-E201
022	CMIP8332	Active	192.168.1...	8000	192.168...	V5.3.0buil...	80	CMIP8332201506
023	CMIP3233-S	Active	192.168.1...	8000	192.168...	V5.2.0buil...	80	CMIP3233-S20130
024	WHCI3152-28S	Active	192.168.1...	8000	192.168...	V5.4.0buil...	80	WHCI3152-28S20
025	CMIP7122	Active	192.168.1...	8000	192.168...	V5.3.0buil...	80	CMIP7122201505
026	CMIP3132-28	Active	192.168.1...	8000	192.168...	V5.3.0buil...	80	CMIP3132-28201

Setup Camera IP Address

1. Check ID Box
2. Modify the IP Address
3. Enter Admin Password
4. Click **Modify** button

Note:
If you don't know the IP address, enable DHCP check box will help you to pick the IP address from the router automatically.

Troubleshooting:

If you see the Error code 2015 or similar error, please close the program and isolate to single network card connection then run again.

Or, change your PC ip to 192.0.0.250 and try again.

The screenshot shows the IP Portal interface with a table of devices. The device with ID 006 is highlighted in blue and marked as 'Active'. A red circle with the number '1' points to the checkbox next to its ID. To the right, the 'Modify Network Parameters' dialog box is open. It has a red border and contains several fields: 'Enable DHCP' (checkbox), 'Device Serial No.' (text field), 'IP Address' (text field), 'Port' (text field), 'Subnet Mask' (text field), 'Gateway' (text field), 'IPv6 Address' (text field), 'IPv6 Gateway' (text field), 'IPv6 Prefix Length' (text field), and 'HTTP Port' (text field). Below these fields is a 'Security Verification' section with an 'Admin Password' field. At the bottom of the dialog is a 'Modify' button, with a red circle '4' pointing to it. A red circle '2' points to the 'Enable DHCP' checkbox, and a red circle '3' points to the 'Admin Password' field.

ID	Device Type	Security	IPv4 Address	HT...	Port	IPv4
001	LTN8716-P8	Active	10.10.10.7	8082	8002	10...
002	LTD8432T-FA	Active	10.10.10.5	8080	8000	10...
003	LTN8832-P16	Active	192.168.108.112	80	8000	192...
004	LTD8316T-FA	Active	10.10.10.6	N/A	8001	10...
005	PTZIP762X20IR	Active	10.10.10.19	80	8000	10...
006	CMIP9723W-S	Active	10.10.10.16	80	8000	10...
007	LV-PB932F4	Active	192.168.108.2	80	8000	192...
008	CMIP9723-S	Active	10.10.10.2	80	8000	10...
009	CMIP9723-S	Active	10.10.10.20	80	8000	10...
010	CMIP9733-S	Active	10.10.10.8	80	8000	10...
011	CMIP8222	Active	10.10.10.14	80	8000	10...
012	CMIP7422-M	Active	10.10.10.10	80	8000	10...
013	CMIP3022-28	Active	10.10.10.11	80	8000	10...
014	CMIP3022-28	Active	10.10.10.12	80	8000	10...
015	CMIP3432-28	Active	10.10.10.3	80	8000	10...
016	CMIP9733-S	Active	10.10.10.17	80	8000	10...
017	CMIP5333-S	Active	10.10.10.15	80	8000	10...
018	CMIP7233-S	Active	10.10.10.18	80	8000	10...
019	CMIP8222	Active	10.10.10.13	80	8000	10...

Use Smartphone (NVMS7000) Wi-Fi to program IP Camera

You can use Smart Phone to activate the IP camera if you don't have Windows PC.

Requirement: Wi-Fi Router, IP Camera, Smartphone.

Download and Install **NVMS7000** first from (Google Play or Apple Store).

The Connection is simple.

Connect the IP camera to Wi-Fi Router and **connect Smartphone with Wi-Fi.**



The screenshots show the following steps in the NVMS7000 app:

- Home Screen:** The 'Devices' menu item is highlighted with a red circle.
- Devices List:** A list of devices is shown. The device with IP address 192.0.0.64 is highlighted with a red box and labeled 'Inactive'. A callout bubble says: "If you can't see any device, check power / cable. Check Smart Phone Wi-Fi again."
- Hint Dialog:** A dialog box says: "The device is inactive. Activate it?" with 'Cancel' and 'Confirm' buttons.
- Create New Password:** A screen for creating a password. The 'User Name' is 'admin'. A password strength indicator shows 'Weak'. A callout bubble says: "Password requires 8-16 chars Letters & Numbers Mixed (Password Strength minimum 1 bar at least)".
- Details Screen:** Shows device information: MAC Address (c4-2f-90-51-f8-e9), Software Version (V5.4.5build 170527), Serial No. (CMIP1142W20150715BBWR527026317), IP Address (192.0.0.64), Subnet Mask (255.255.255.0), and Gateway (192.168.1.1). A green box says: "The device is activated".
- Edit Screen:** Shows network settings. The 'DHCP' toggle is turned on. A callout bubble says: "Click Disk icon to Save".
- Password Confirmation:** A dialog box asks to "Enter the admin password to edit the network settings." with 'Cancel' and 'Confirm' buttons.

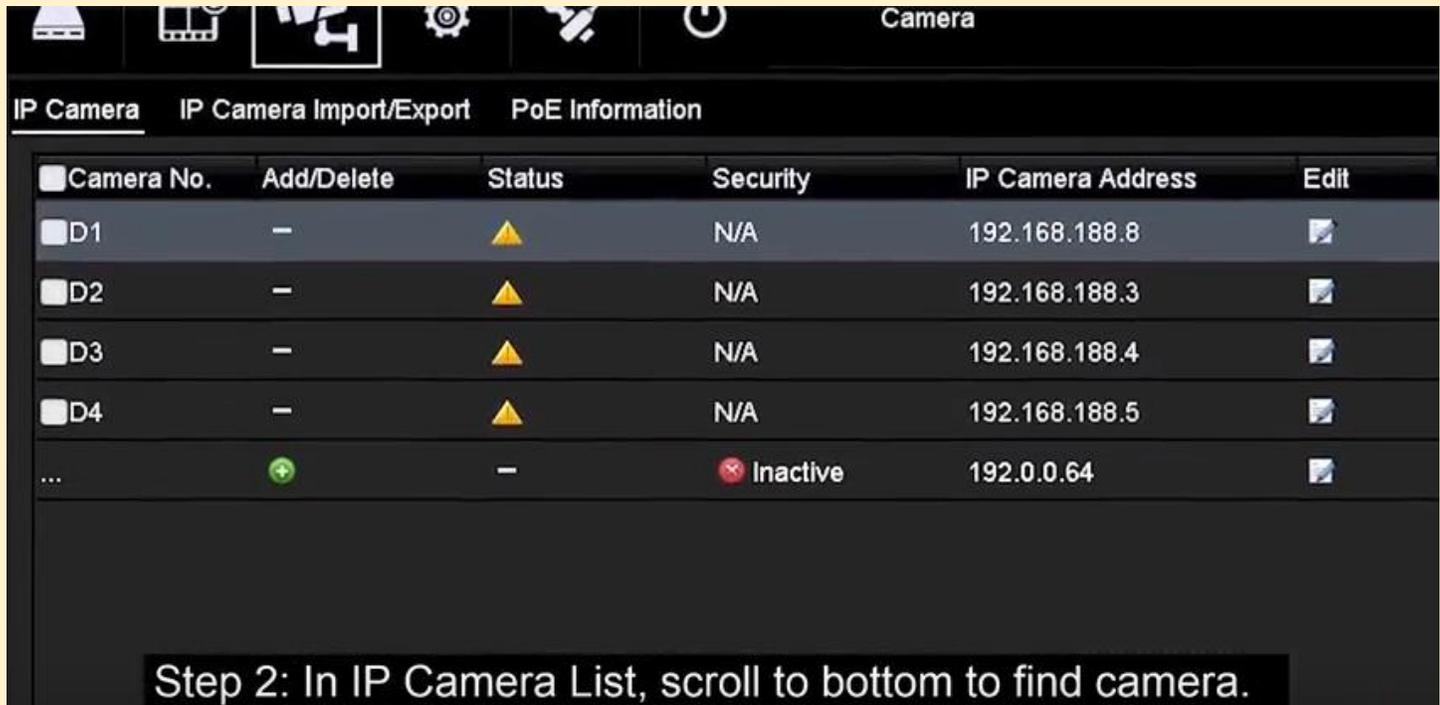
- Connect to Wi-Fi
- Run NVMS7000 App
- Press Menu icon
- Devices
- Folder [+]
- Online Device
- Select IP Camera
- Confirm Activation
- Create Admin Password
- Activation Completed
- Click Pencil icon to Modify IP Address
- Enable DHCP
- Click Disk icon to Save
- Enter Admin Password to Confirm
- Go back to Details
- Press Back to Exit

Use NVR to Activate the IP camera

Visit YouTube Video for the video tutorial

<https://www.youtube.com/watch?v=ZAb920Scpsc>

Menu > Camera > Camera



Camera No.	Add/Delete	Status	Security	IP Camera Address	Edit
D1	—	▲	N/A	192.168.188.8	✎
D2	—	▲	N/A	192.168.188.3	✎
D3	—	▲	N/A	192.168.188.4	✎
D4	—	▲	N/A	192.168.188.5	✎
...	+	—	⊗ Inactive	192.0.0.64	✎

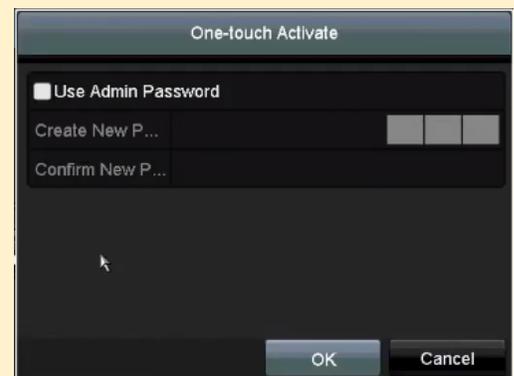
Step 2: In IP Camera List, scroll to bottom to find camera.

Highlight Inactive camera and click “One-touch Activate” button



If you want to use NVR password, click Use Admin Password, otherwise create the IPC admin password.

Password requires 8-16 characters (Mixed Letters & Numbers)
(Password Strength minimum 1 bar turns red)



Click Edit icon to modify the IP Address



Find LTS online, YouTube and Email.

Visit www.ltsecurityinc.com

Use X43 IP Camera Tester to Activate the IP Camera

(For basic X43 Instruction, please check KB-X43 Quick Guide)

Setup X43 Tester IP address

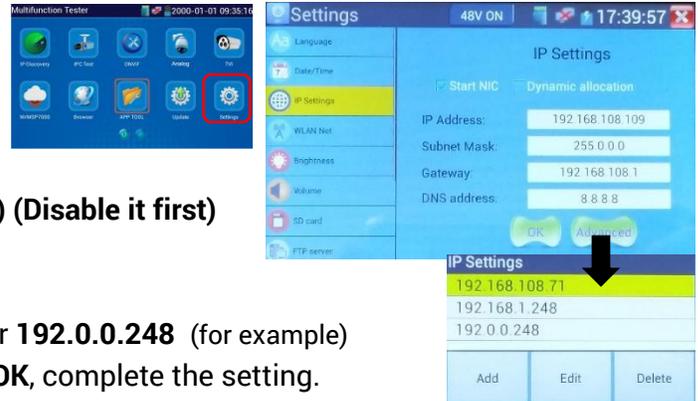
For easy activation reason, recommend assigning the IP address first



Assign Tester IP Address
Main Menu > Settings > IP Settings

- Start NIC
- Dynamic allocation (= DHCP) (Disable it first)

Click **Advanced**, then **Add** to enter **192.0.0.248** (for example) address for the IP tester. Press **OK**, complete the setting. Press **Back** to go back the main menu.



Connect IP camera thru PoE direction connection B.

Using POE Lan port (same Lan port on the Right Interface).

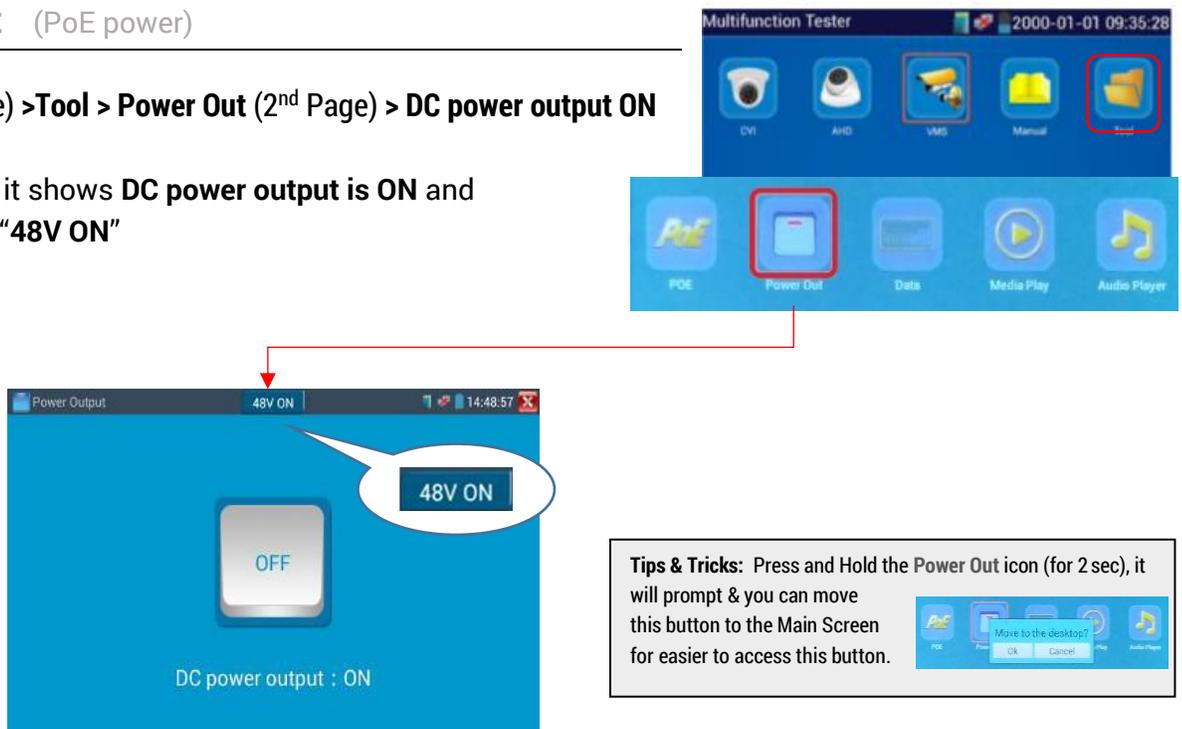
Please make sure the battery is connected and have more than 80% charged to power POE LAN port.



Enable Power Out (PoE power)

Main Menu (2nd Page) > Tool > Power Out (2nd Page) > DC power output ON

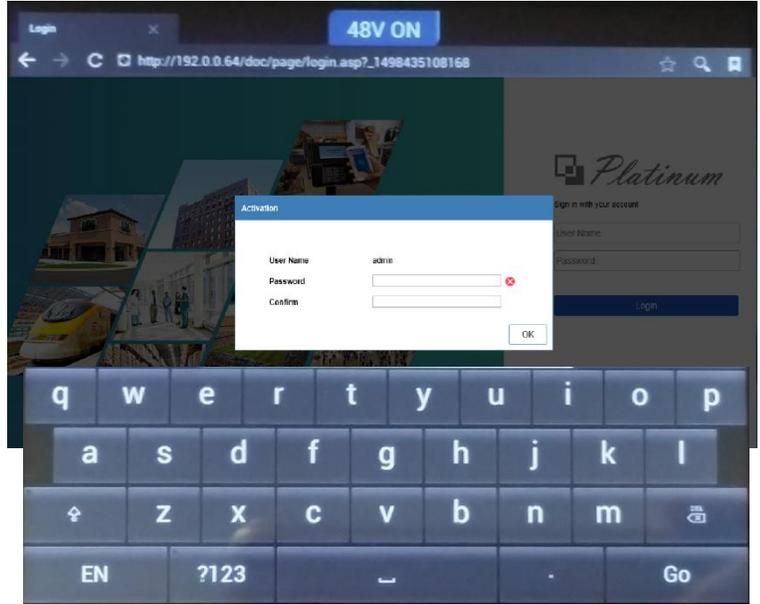
If the PoE is active, it shows **DC power output is ON** and the top will display **48V ON**



Tips & Tricks: Press and Hold the Power Out icon (for 2 sec), it will prompt & you can move this button to the Main Screen for easier to access this button.

Use X43 IPC Tester Browser icon login

Enter default IP address **192.0.0.64** to login & activate the camera.



Password Rule:

Minimal 8-16 chars (Mix Letters + Numbers)

Enter Password
Confirm Password

After Enter, wait for a moment.
It will prompt to Login again. Enter

admin
password (admin password)

Click **Sign in**



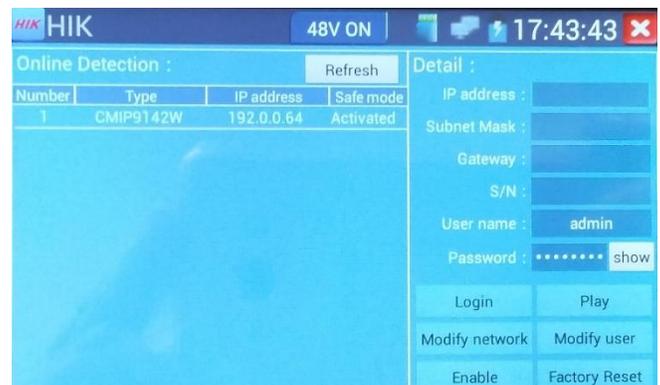
Congratulation, you just completed the Activation

Use **App Tool** to

modify the IP camera
IP address.



Click **HIK**



Press Login first, then You can modify the IP camera
address from here.