

The cover features a large, light blue circle in the center. Inside the circle, the text "PLC Kits" is written in a blue serif font, followed by a horizontal line, and then "User Manual" is written in a grey sans-serif font. The background is white with two diagonal grey bands crossing behind the central circle.

PLC Kits

User Manual

Declaration

Thank you for purchasing our company' s products, for any questions or assistance, welcome to contact us at any time.

This user manual is suitable for PLC NVR Kits(Power Line Communication NVR & Power Line Communication cameras). It will be updated according to product' s updating, new version will be not noticed specifically.

If discription on manual is not accord with real products, please kindly point out it.

Safety Precautions

- 1、 Please change the device' s default password in case that your account is stolen.
- 2、 Please do not place and install equipment directly under the sunlight or near heating device.
- 3、 Please do not install equipment at moist place or place with dust or soot.
- 4、 Please keep equipment installed horizontally, or install equipment in a stable place, to avoid the equipment falling down.
- 5、 Please avoid liquid dropping on the equipment, make sure no objects filled with liquid on the equipment and prevent liquid from leaking.
- 6、 Please install the device in a well ventilated place, do not block the vents of the equipment.
- 7、 Please only use equipment within rated input/output.
- 8、 Please do not disassembe devices without permission.
- 9、 Please transport, use and reserve the equipment within allowing humidity and temperature.

Disclaimer

Please pay your attention to exceptions below:

- 1、 Should any reasons below cause the product destroyed or service stop, we will assume no resposibility for your or third party' s personal injury and property loss: ① No installation or use according to instruction strictly. ②For sake of state-building maintenance or public interest. ③ Cases of force majeure. ④ Your personal or third party reasons. (Include no limitation use of third party' s products, software or components)
- 2、 Our company has never guranteed the products for improper or illegal purposes and uses. This product cannot be used as medical&safety devices or other applications that will cause danger or injury.And loss or responsibility casued by above uses, you must bear it by yourself.
- 3、 With correct installation and use, this product can detect the illegal intrusion, but it can not avoid accidents and personal injury or property damage due to these accidents. Please be on the alert in your daily life, reinforce your safety awareness.
- 4、 Our company assume no responsibility for any indirect or occational or special or punitive damages, request, property damage or any loss of data or file. Within the max scope of law allowed, our company' s compensation is no more than the products amount you paid.

PLC NVR Kits User Manual

Products Appearance Description

Power, LAN1, LAN2, VGA, HDMI, USB, AUDIO IN, AUDIO OUT



PLC NVR Kits Quick Installation Guide

PLC (Power Line Communication) , it is the network signal coupled to the power transmission line , no need cable, Plug and play,no need any setting, easy installation.

Step1 : Installation Preparation

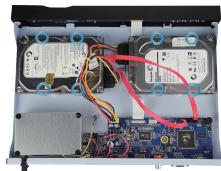
1. Install HDD. Make sure all the power are cut before installing. Installation tool: Cross screwdriver.

Notes: Please use the professional hard disk recommended by supplier.

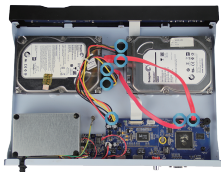
(The picture below are for your reference only)



1) Unscrew the four fixed screws, remove the upper cover.



2) Fix the HDD on the bottom pannel with screws.



3) Connect data wire and HDD wire between PCB board and HDD.



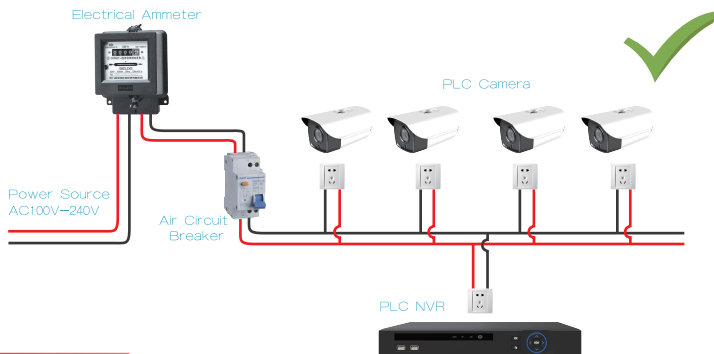
4) Fix the upper cover with screws.

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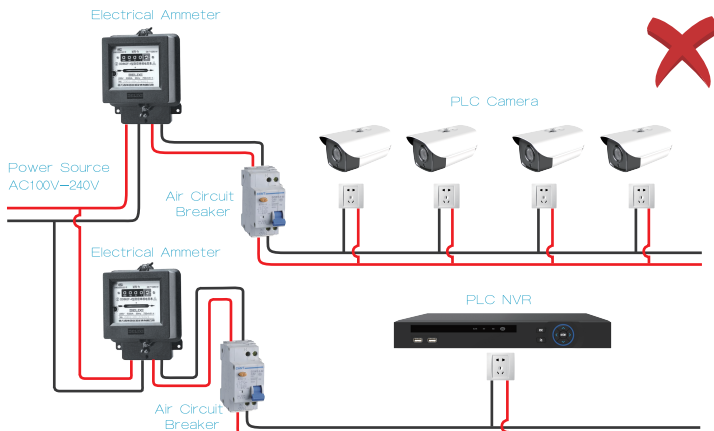
PLC NVR Kits Quick Installation Guide

2. Keep the connected PLC camera and PLC recorder at the same ammeter, then we can operate it. The default NVR address <http://192.168.1.88>, refer to the below connection.

Right



Wrong

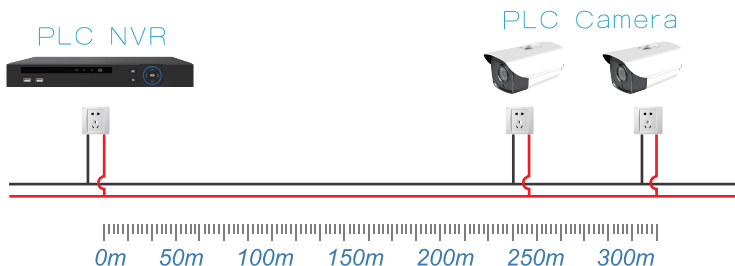


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PLC NVR Kits Quick Installation Guide

Transmission Distance

300 meters

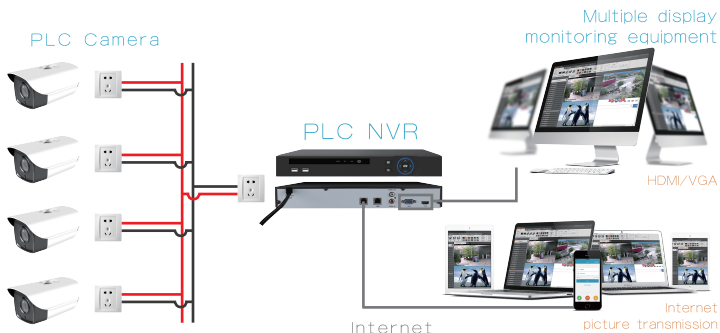


The suggested installation scope: Factory, warehouse or the extensive space.

3. Make sure the PLC KITS work normally, NVR connects the monitor, and all the devices are in power.

When the monitor display the videos of all the IPC, it shows the devices running well.

Note: Make sure the power supply in the regular voltage(100V~ 240v), it can not be under or exceed the scope of the power supply, or the PLC kits will be damaged.



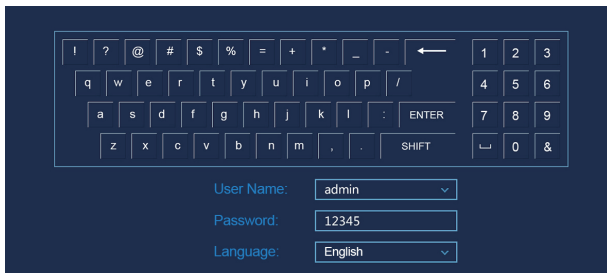
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System Login

Start up the NVR, right click the desktop and enter the user login interface.

Input user name and passwords

System default user name: "admin" , password: "12345" .



Preview

Enter preview interface after device start up. Preview interface include date and time of system, and channel name. Log in system, double left click to switch between full screen and multi-screen.

1.Enter menu mode

Log in system, right click to popup shortcut menu.

Left click [main menu], enter the main menu interface.

Left click [playback], enter playback operation interface.

Left click [record set], enter record setting operation interface.

2.Exit menu mode

Right click to exit menu mode.

In the menu mode, right click to return to previous menu.



Shortcut menu introduction

Right click to popup shortcut menu, the menu consists of following three parts.

Preview mode: Select the preview mode in the menu bar you like.

Shortcut menu mode: There are record set, image color and remote device, you can click and the enter corresponding menu directly.

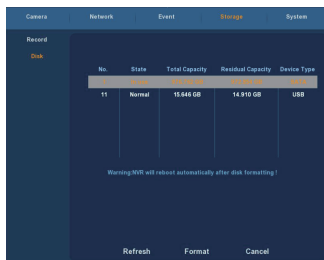
Main menu: It contains operation, informations, and setting three parts. Operation includes [playback], [file backup], [shutdown]; information includes [systems], [log]; setting includes [camera], [network], [event], [storage], [system].



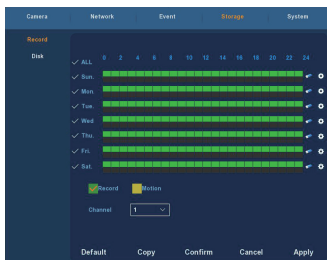
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Record Setting

1. HDD formatting. Make sure the hard disk is detected and works well. (You can check status of HDD from menu “Record Set” – “HDD Manage”)
2. Enter “Record Set” interface to set recording from shortcut menu “Record Set” or main menu “Storage” . Default setting is all channels and all time with manual record enable.

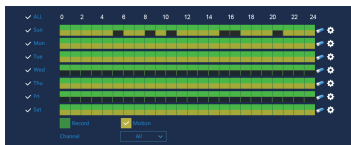
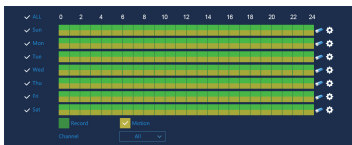


1



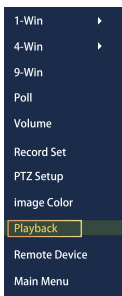
2

3. Motion Detection Setting. Enable “Motion” to activate motion recording, motion sections have no more than 6 times each day. If the setting of manual record and motion record are overlapped, it can only save the motion records while motion detection comes up.



Playback

Enter “Playback” interface by clicking “Playback” from shortcut or main menu, select channels and search the record files and playback what you want.

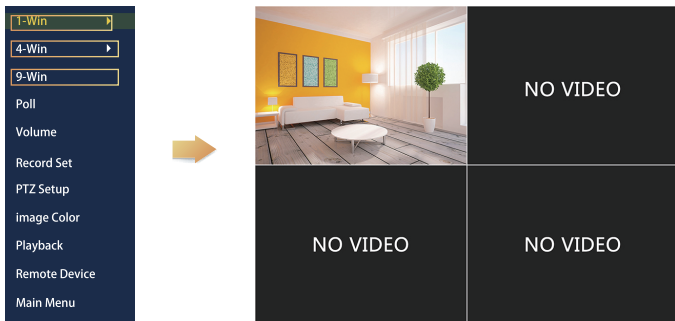


(Video playback interface)

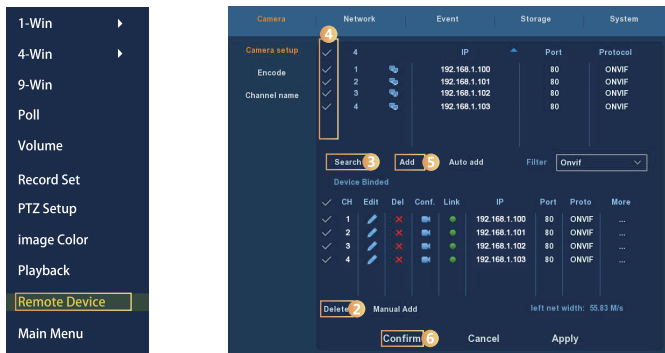
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Live View

1. Enter Live View interface by left clicking shortcut menu “1-win” or “4-win” or “9-win” . It is available to add single channel or multi-channels on one screen.



2. PLC kits have matched remote device by default. Keep all the devices at the same ammeter, power on, it can realize the real time preview when connecting the display device. If you change the defaulted IP address of IPC, you need to re-add the remote device.



Follow the above image, enter into the page of remote device by left-click at shortcut menu.

- 1.Keep the NVR & IPC at the same ammeter.
- 2.Delete it, if you have added the device.
- 3.Click the menu " search" .
- 4.tick all the devices you want to add
- 5.Click "add" .
- 6.Click "OK" .

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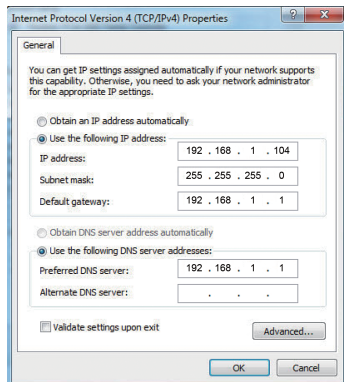
Webpage IPC Login

1. IPC Webpage LAN Access:

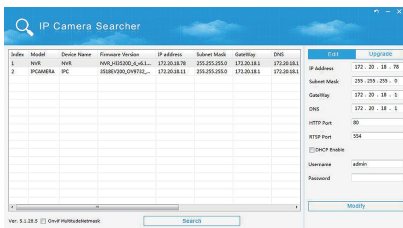
① Confirm the PLC kits are in Normal working condition, connect Lan port with network cable between your PC and NVR.

② Make sure the devices and the connected PC are in the same segment. If your PC has different segment, Please Set up and make sure the IPC&PC at the same network segment. Such as IP 192.168.1.104(The defaulted IPC address 192.168.1.100*103)

③ Such as http://192.168.1.100/ (The defaulted port 80, that can be omitted. If changed, fill in the right port.



(Notice: For first time use, you may be requested to download and install the OCX plugin.)

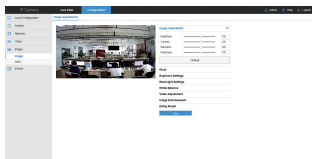


⑤ On log in interface, log in IPC please.

Default user: **admin**, passwords: **admin**.



⑥ Webpage live view for IPC.



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P2P Visit NVR

① Make sure NVR is connecting the network. Enter the “network” setup at the main menu, get into “P2P”, click “Enable P2P”, wait and till it displays “online” .

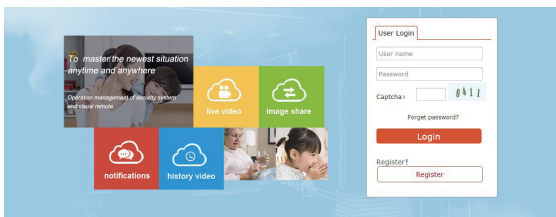


1. Enter the “network” setup at the main menu

2. All the P2P page, enable P2P. Click “Refresh” till the status become Online. Also please check device S/N numbers on this page.



② Open a browser, input <http://www.freeip.com/>, a P2P webpage pop up, then select “Device SN” login, input device series numbers, user, passwords and verification code to log in and view image through the P2P webpage.



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Mobile APP Access

- ① Download & install FreeIP PRO
Scan the corresponding QR as below,
Android or iOS, then download
and install FreeIP PRO.

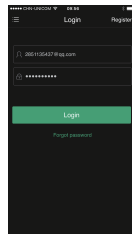
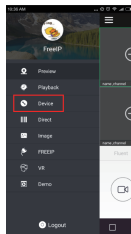


iOS

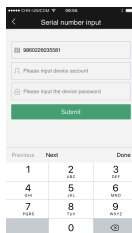
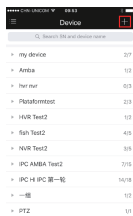


android

- ② Account login
Open mobile App, in the sliding sidebar select "Device", the interface jump to the login screen, enter the account number, password login (Note: no account to be registered, FREEIP account can log on directly).



- ③ Add device
After login, click "+" in the upper right corner of the device to view the QR code on the device body or inside the interface. After the mobile phone recognizes the QR code, enter the NVR user (Admin), password (12345) Click the "Add" button, set the device notes, set the device group, click "Send" after the prompt "Add success."



- ④ Preview
In the App sidebar, select "Preview" to enter the preview interface. Click "+" in the preview window to enter the device list, select the device in the group, and click "Preview".

