

Quick Installation Guide

NVR

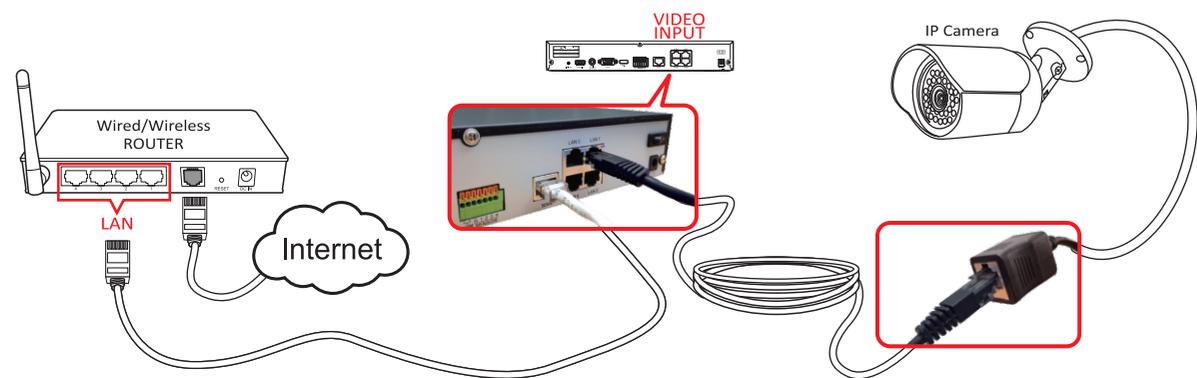
1 Connect to a Monitor/TV

This NVR supports HDMI and VGA output displays. Connect one of them for a video display.

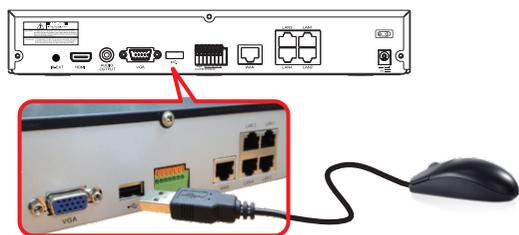


2 Connect to Cameras

Plug the supplied PoE (Power over Ethernet) cable to Cameras.

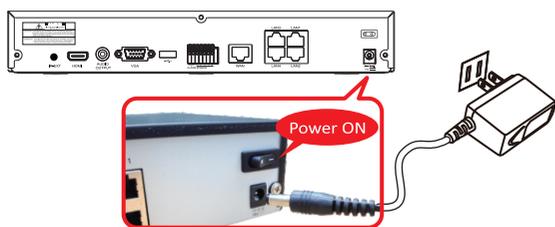


3 Connect the USB Mouse



4 Power on

Plug the supplied power adapter to power socket and switch on NVR.



 Plug the supplied power adapter (48V/1.2A or 48V/2A) only.

5 Startup Wizard

After NVR startup is completed, the Startup Wizard will be displayed. Wizard setting menu includes: Homepage, HDD Management, Network Configuration, Email Configuration, IPC Setup, Record Schedule and General System Configuration.

1) Homepage and HDD Management

You can click "Cancel" to skip Start Wizard. Tick "Don't show this window next time" if you don't want to display Start Wizard when system start-up.

If the HDD is installed in the NVR for the first time, it will be needed to be format. Select the HDD which you want to format, and then click "Format HDD" button to format the HDD.

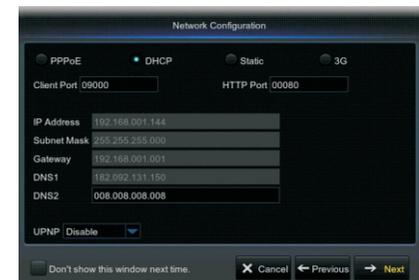


Overwrite: Use this option to overwrite the old recordings on the HDD when the HDD is full. For example, if you choose the option 7 days then only the last 7 days recordings are kept on the HDD. To prevent overwriting any old recordings, select Disable. If you have disabled this function, please check the HDD status regularly, to make sure the HDD is not full.



2) Network Configuration

This menu allows you to configure network parameters, such as PPPoE, DHCP, Static, and 3G. The most common types are DHCP or Static. Most probably your network type is DHCP, unless the network is manually addressed (usually called- Static). If you need an authentication user name and password to the Internet, then choose PPPoE. If you want to use mobile network connection, then choose 3G.



PPPoE: This is an advanced protocol that allows the NVR to connect to the network more directly via DSL modem.

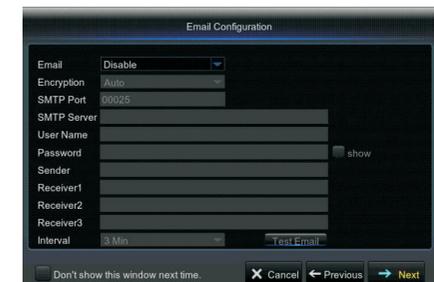
DHCP: This is the network type when a device on your network (usually a router) assigns automatically all the network parameters for your NVR.

Static: Requires all the network parameters to be filled in manually.

3G: Prior using the mobile network, you need to connect a 3G dongle to the NVR.

3) Email Configuration

This menu allows you to configure email settings. Please complete these settings if you want to receive the system notifications on your email when a motion is detected, HDD becomes full, HDD is in error state, or Video Loss occurs, etc.



- **Email:** Enable this feature.
- **Encryption:** Enable SSL or TLS verification or not. If you are not sure, please choose Auto.
- **SMTP Port:** Enter the SMTP port of your email server. For example, if you are using Gmail, the SMTP port is 465.
- **SMTP Server:** Enter the SMTP server address of your email.
- **User Name:** Enter your email address to send email.
- **Password:** Enter the password of your email.
- **Receiver1~3:** Enter the email address where you want to receive the event notifications from the NVR.
- **Interval:** Configure the length of the time interval between the notification emails from the NVR.

You can send a test email to check your setting correct or not.

4) IPC Setup

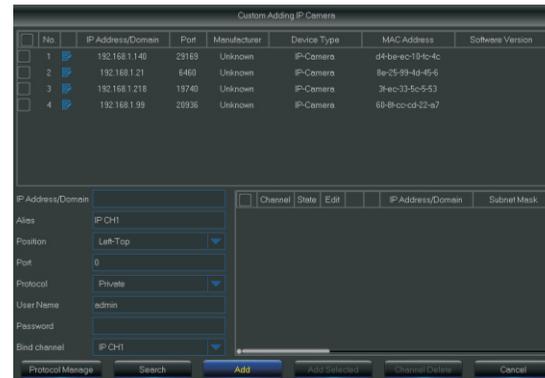
This menu allows you to add and modify IP cameras configurations.



- **Auto Assign IP to Camera(s):** Click to reassign an IP address to the IP camera that is already connected to the NVR.
- **Add All:** Click to add local ONVIF cameras (NVR and IP cameras are connected to the same router). To complete the connection, enter user name and password of the IP camera, and click OK.



- **User-defined Add:** Click to add remote ONVIF cameras over the Internet. Enter the connection parameters of the IP camera: IP Address/Domain, Port, Protocol, User Name, and Password. Then click Add.



5) Record Schedule

This menu allows you to specify when the NVR records video and define the recording mode for each channel. The recording schedule lets you set up a schedule like, daily and hourly by Normal (continuous) recording, Motion recording, and Alarm recording. To set the recording mode, click first on the mode radio button (Normal, Motion, or Alarm), then drag the cursor to mark the slots.



- **Channel:** Select the channel to set its recording parameters.
- **Normal:** When the time slot is marked green, this indicates the channel performs normal recording for that time slot.
- **Motion:** When the time slot is marked yellow, this indicates the channel records only when a motion is detected during that time slot.
- **Alarm:** When the time slot is marked red, this indicates the channel records only when alarm is triggered during that time slot.
- **No Record:** A time slot marked black means that there is no recording scheduled for the time slot.

The recording schedule is valid only for one channel. If you want to use the same recording schedule for other channels, use "Copy To" function.

6) General System Configuration

This menu allows you to configure the general parameters of the system, such as Date, Time, Date Format, Time Format, Language, Menu Timeouts, Mode.



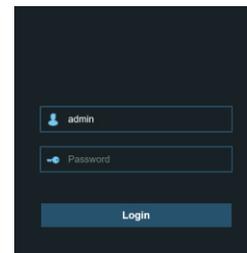
- **Date/Time:** Enter the date and time manually.
- **Date Format:** Set the date format here.
- **Time Format:** Set the time format here.
- **Language:** Choose the OSD language.
- **Video Format:** Choose the video format between NTSC and PAL. If the NVR's picture is flickering or has only black screen, it may be that the video format is not correct.
- **Menu Timeouts:** Set the time out the NVR will exit the menus when they are not in use.
- **Mode:** XVR mode will allow you to add IP cameras.

6 Remote Access via Web Client

Use the Web Client to remotely access your NVR at anytime via a PC. Before you access the Web Client, you need to ensure that the network settings of the NVR are configured properly. The most convenient and easiest way is if you have set the NVR a static IP address. It means you only need to open the web browser on your PC and type in the static IP address you have set on the NVR. However, if the IP address of the NVR is assigned by a DHCP server, then it means that each time you reboot the NVR, the IP address changes. In this case, ask if your ISP can provide you a static IP address. If not, then configure the DDNS service. Also, please make sure the UPnP is configured in the NVR and router, or the manual port forwarding is completed in the router.

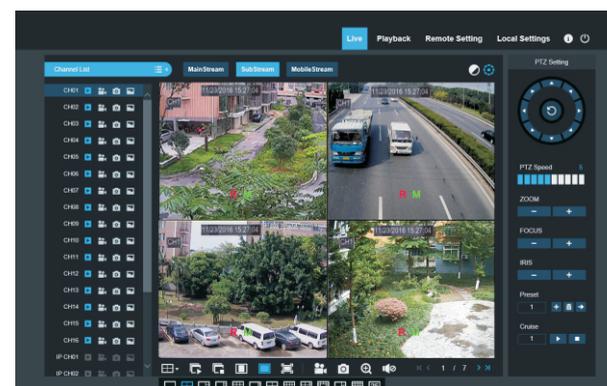
You will need to install the plug-in if this is the first time you connect to your NVR via IE, Google Chrome, Firefox, or Mac Safari.

Login to Web Client



Notice for Windows 8 and Windows 10 Users:

- 1) If you are running Windows 8 or Windows 10, you will have to right click on Internet Explorer from the start menu and select "Run as administrator".
- 2) After successful Login to the Net Viewer, the system will enter into live display interface and connect to audio/video feed automatically.



7 Remote Live View on Mobile Devices

1. Open the App Store (iOS) or Play Store (Android).
2. Search for and install RXCamView application.
3. Open RXCamView application ()
4. Go to Device. Click '+' to add new device. Scan QR code under NVR box. Then input client port, user name and password, and then click "Save" to log into the NVR.
5. Live View

