

NLA Quick Start Guide

N8NLA shown



Version 1.0.1

Features and specifications are subject to change, please check www.specotech.com for firmware updates.

Welcome!

Thank you for purchasing this NVR.

This guide is designed to be a quick reference for installing the system.

Please read this guide carefully before installing and operating the unit.

For more detailed information, please refer to the user manual.

If technical assistance is needed, please contact Speco Technologies Technical Support.

Phone: 1-800-645-5516 option 3

Email: techsupport@specotech.com

Important Safeguards and Warnings

- Speco Technologies assumes no liability or responsibility for any fires or electrical shock caused by improper handling or installation.
- Speco Technologies is not liable for any problems caused by unauthorized modifications or attempted repair.

Note: All of the installation and operations here should conform to your local electric safety rules.

1. Contents

1.1 Check Unit and Accessories

After unpacking the unit, please check for any visible damage. Then check to make sure that all accessories are included. Check that the model number and serial number that's listed on the label on the unit are the same as what's listed on the package label.



Recorder



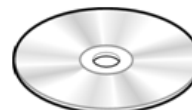
Optical Mouse



Power Cord



Ethernet Cable



Software & Manual CD

1.2 Connections

To quickly get started, connect the following to your recorder in the following order, please refer to Figure 1-2 shown for reference).

1. Connect IP cameras to the PoE ports of the recorder.
2. Connect a monitor to the recorder via VGA or HDMI cable (not included).
3. Connect the included optical mouse into any USB port of the recorder.
4. Connect recorder to network (optional)
5. Connect the power cord to the recorder and plug into a 120VAC 50/60Hz outlet.

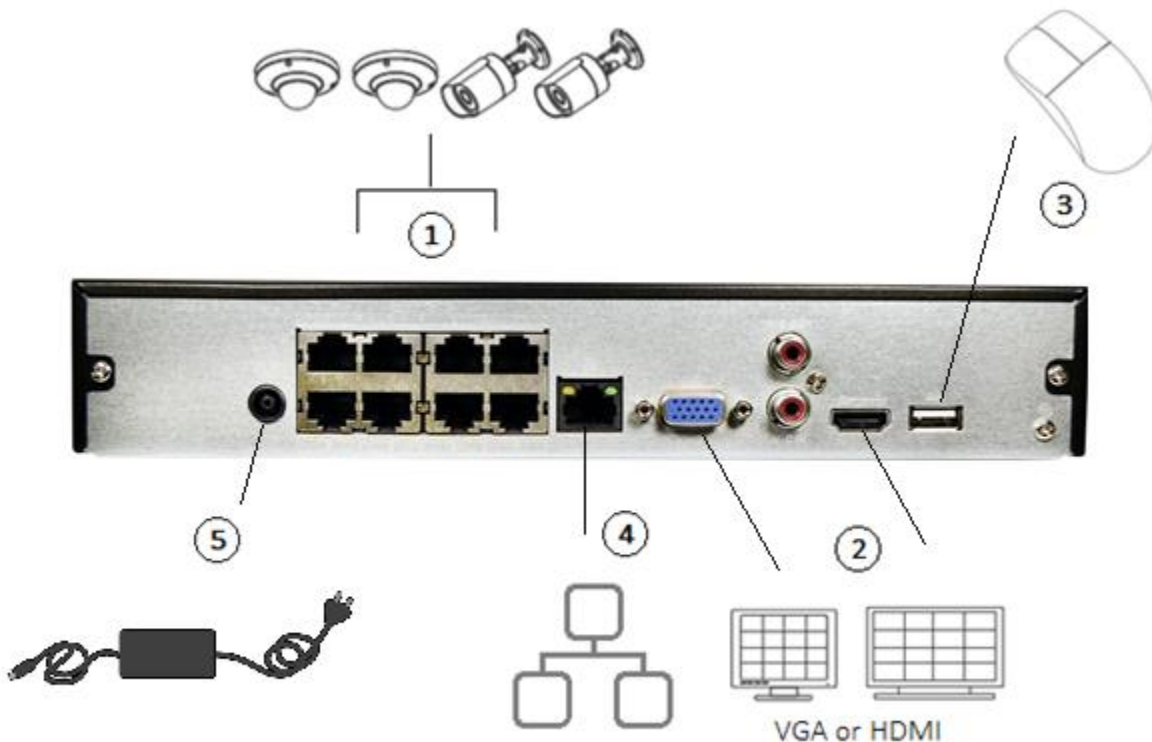


Figure 1-2

2. Set Password and Security Questions

2.1 Enter a password and Unlock Pattern

Note: You will be prompted to set a Password and security questions upon initial bootup. see Fig 2-1

The default login ID and administrator username is: admin

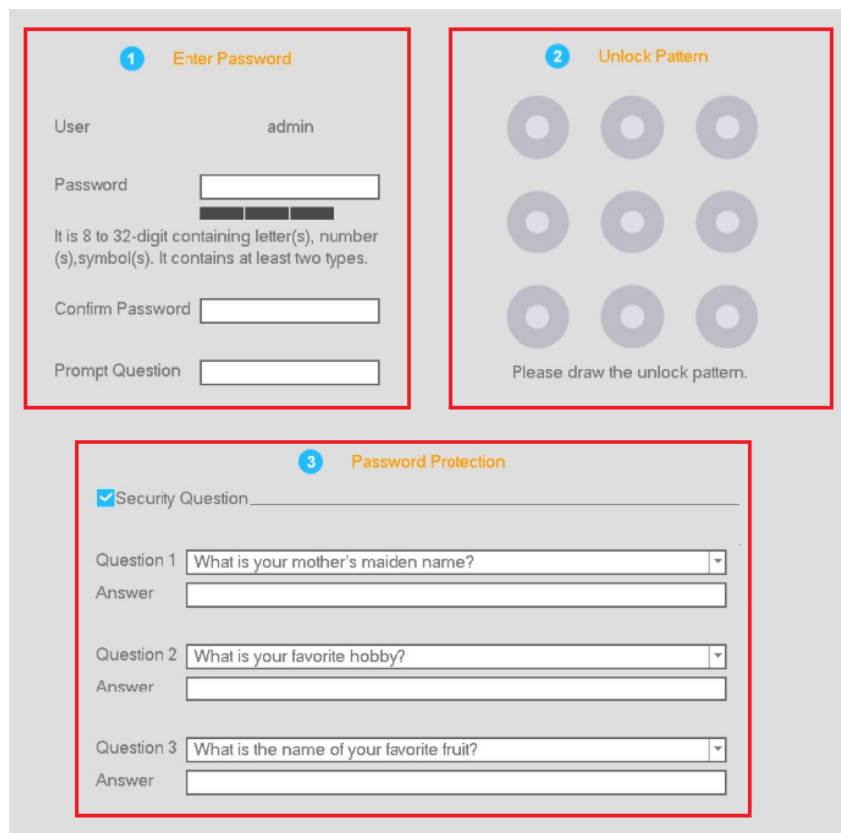
The password strength indicator can be used as a reference. Re-enter the password to confirm.

2.2 Enter answers for three security questions.

You can select which security questions to provide answers for. It is important that you remember the answers for these questions or you will not be able to reset your password and be locked out.

Note: These questions must be answered correctly when resetting the password.

WARNING: 5 incorrect login attempts within 30 minutes will result in a lock on the account.



The figure displays three sequential setup screens for a device, each highlighted with a red border and a numbered header.

- Screen 1: Enter Password**
 - User: admin
 - Password: [Input field with a strength indicator below it stating: "It is 8 to 32-digit containing letter(s), number (s), symbol(s). It contains at least two types."]
 - Confirm Password: [Input field]
 - Prompt Question: [Input field]
- Screen 2: Unlock Pattern**
 - A 3x3 grid of circles for drawing a pattern.
 - Text below: "Please draw the unlock pattern."
- Screen 3: Password Protection**
 - ☒ Security Question
 - Question 1: What is your mother's maiden name? [Dropdown menu]
 - Answer: [Input field]
 - Question 2: What is your favorite hobby? [Dropdown menu]
 - Answer: [Input field]
 - Question 3: What is the name of your favorite fruit? [Dropdown menu]
 - Answer: [Input field]

Figure 2-1

3. Update Firmware (if necessary)

Speco will continuously make improvements, please check the website to ensure you are running the latest firmware version.

3.1 Check firmware version on recorder

Go to Main menu->System Info->System->Version, shown in Figure 3-1. Please note the build date on your recorder.

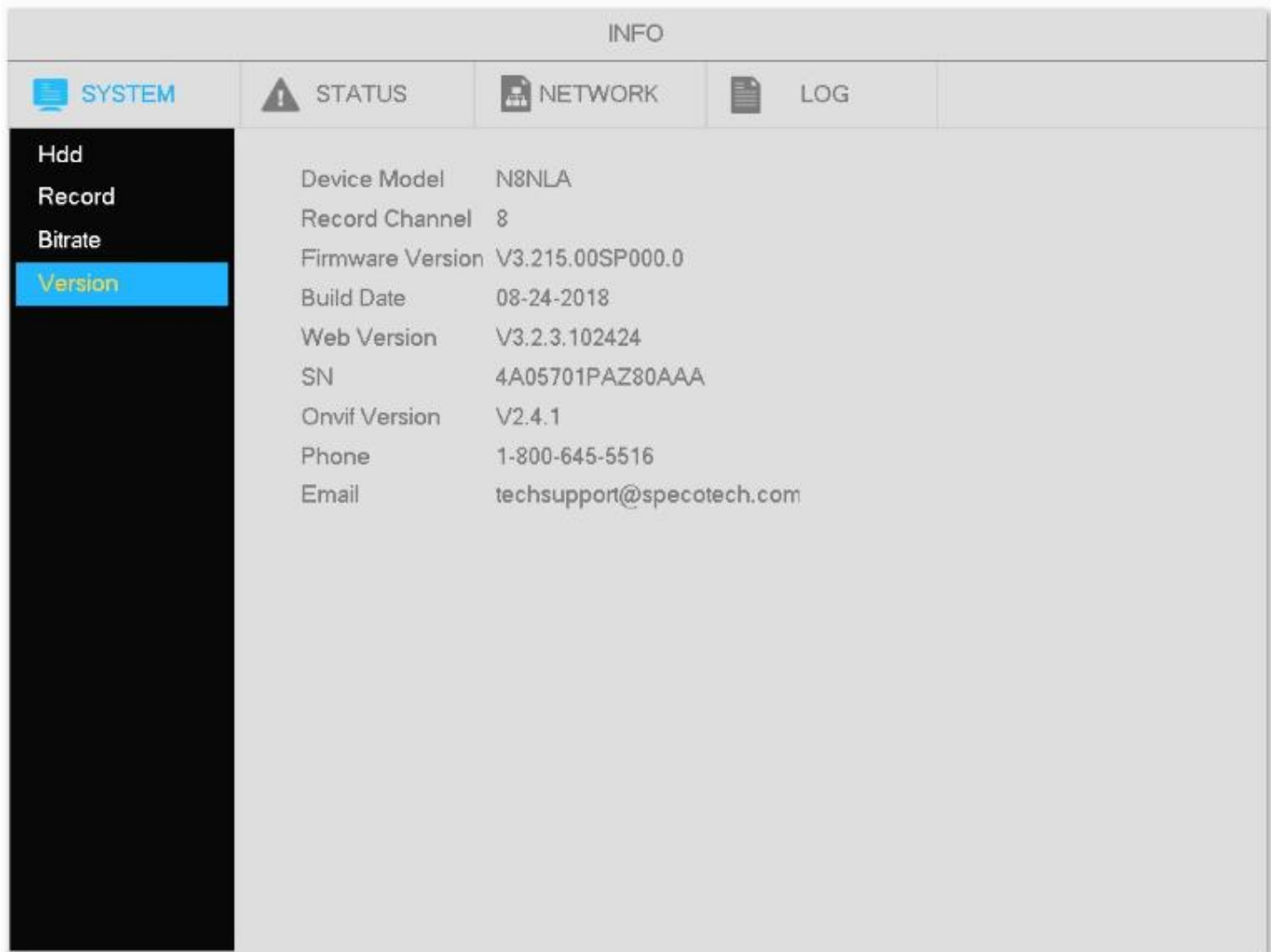


Figure 3-1

3.2 Check latest firmware version on website

Go to www.specotech.com, then click on Support, then Recorder Software updates and follow the prompts until you find the model of your recorder. Then compare the release date of the firmware on the website with the recorder's build date. See Figure 3-2 and 3-3.

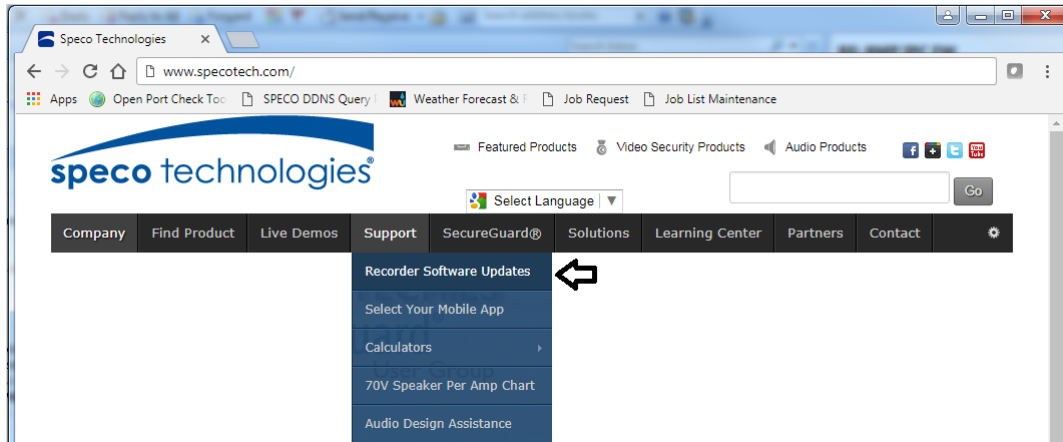


Figure 3-2

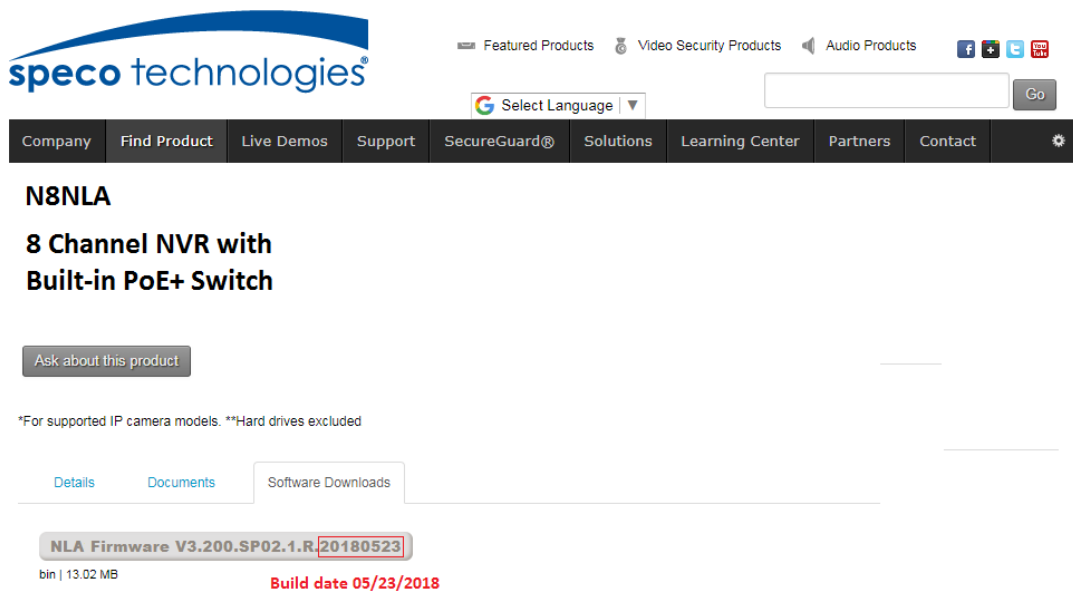


Figure 3-3

If the web has a more recent firmware version than your recorder's build date, then please update your device to the latest firmware.

3.3 Updating Firmware

3.1 Download the firmware from the website onto a USB disk.

Insert USB disk into available USB port on the recorder. A prompt should show that the drive is detected, select 'System upgrade' and click on the new firmware file to upload. See Figure 3-4

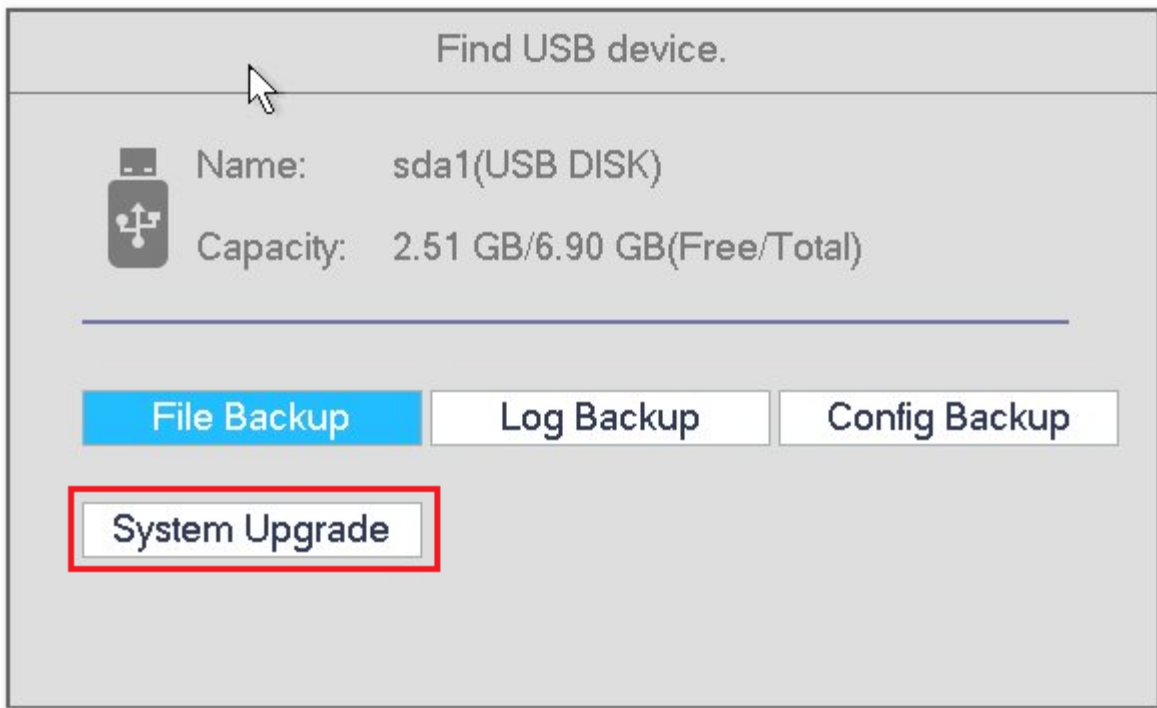


Figure 3-4

After firmware is updated, the unit will restart. You can now remove the USB disk from the unit.

4. EZ Setup

After the system boots up, the EZ Setup wizard is displayed. See Figure 4. If not, right click, and select EZ Setup.

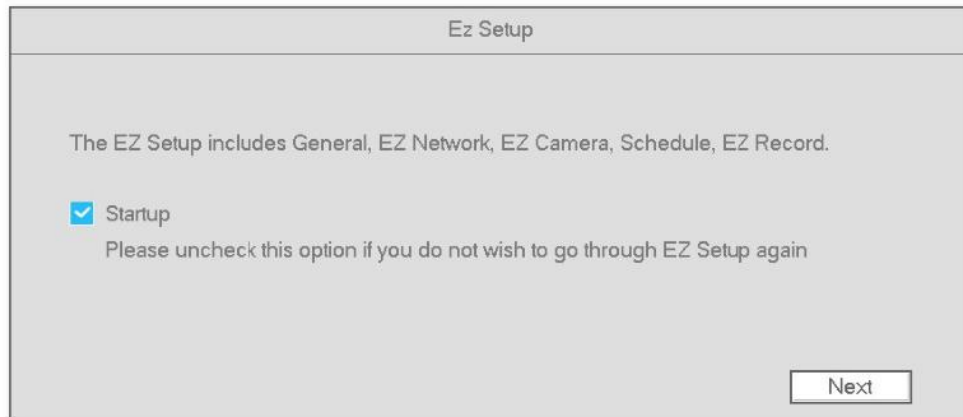


Figure 4

Tip: Check the “Startup” box to display the EZ Setup wizard every time the device is rebooted.

4.1 General Settings – Date & Time

Go to Main menu->Setup->System->General, shown in Figure 4-1

- System Time: Set the time and date format of the system
- DST: Set the start and end dates for Daylight Saving Time. DST must be enabled to use this function.
- Time format: Choose between 24-hour mode or 12-hour mode.
- NTP: Specify an NTP server to synchronize the time.

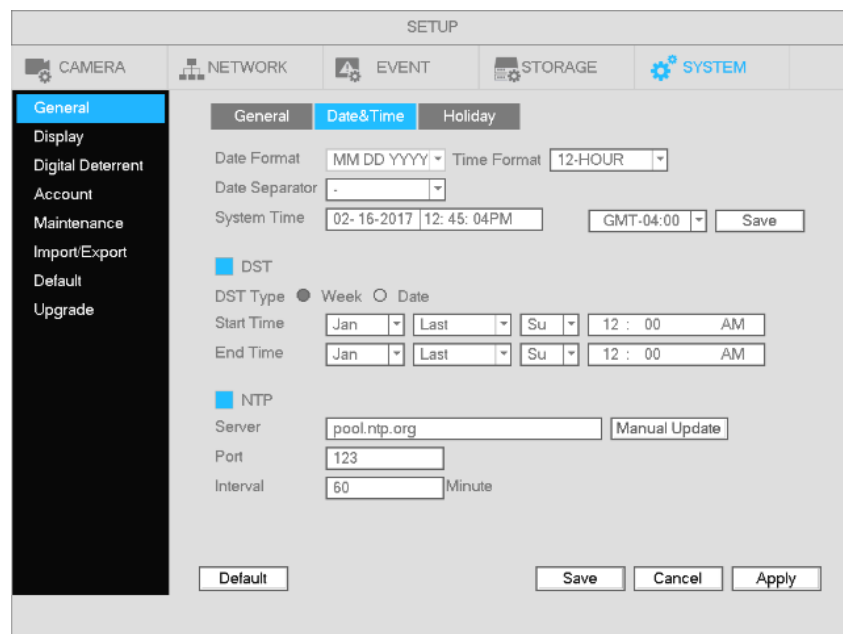


Figure 4-1

4.2 Camera Setup

The NVR supports plug and play for IP cameras through the built-in PoE ports.

If desired, you can scan for IP cameras that are on the same local network through the EZ Camera feature.

To add cameras, right click and then click on Main menu->Setup->Camera->Site Locate. See Figure 4-2.

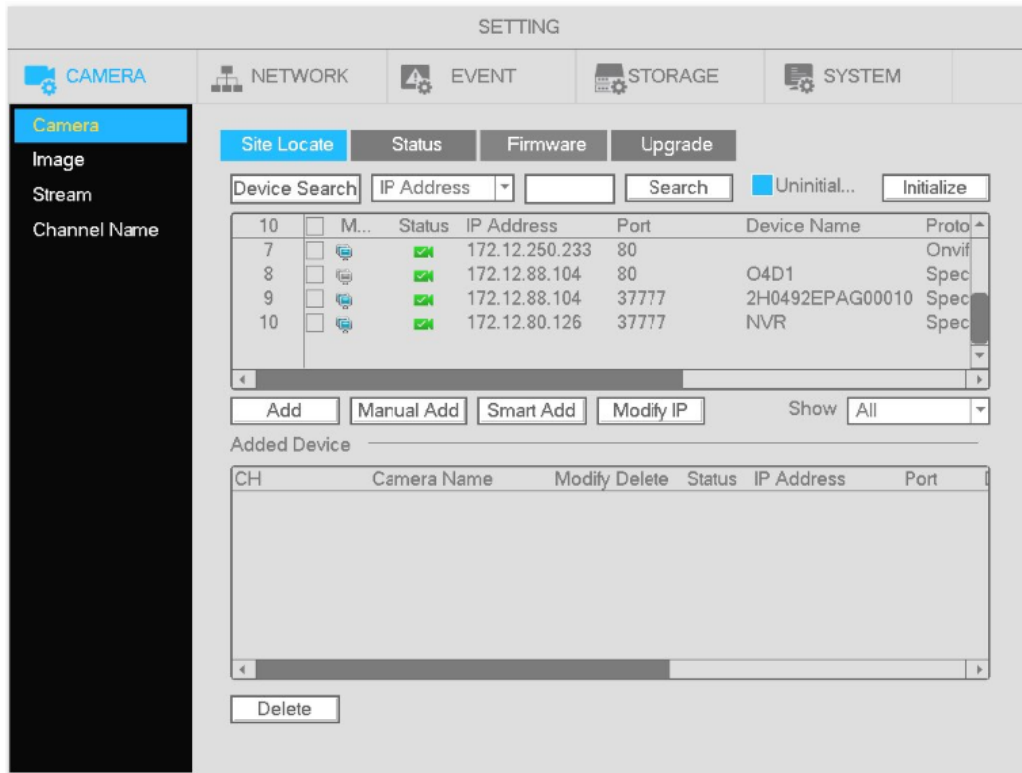





Figure 4-2


Click Device Search to find cameras on the local network.

Double click on a camera to add it to the NVR.

4.3 Schedule Setup

To set up schedule recording, go to Main Menu->Setup->Storage->Schedule. See figure 4-3

- Channel: Select the desired channel number first. You can select “all” if you want to set the schedule for all of the channels.
- ✧ : Select icon  of multiple days to link them together. This will allow the linked days to be edited simultaneously.
- ✧ : Click to delete the schedule for the selected recording type from one period.
- Recording Type: Check the box of the desired recording type. There are three modes for recording: Continuous / Motion detection / Sensor.

- Week day: There are eight options: ranges from Saturday to Sunday and all.
- Holiday: Special schedules can be set for holidays if needed. Holidays must be added manually. To add a holiday, go to Main Menu->Setup->System->General->Holiday. This option will not be shown if no holidays have been added.
- Pre-record: This option is to set up the pre-record interval for events. The range is from 1 to 30 seconds.
- SD Backup: For supported IP camera models, the video can be recorded to an SD card in case the network connection fails. The time range is from 0 to 43200 seconds. After the network connection resumes, the NVR will retrieve the video from the SD card.
- Period setup: Click  to bring up the interface to enter a time period manually.

Follow the steps listed below to visually draw the period.

- a) Select the desired channel.



- b) Set the recording type.



- c) Click and drag. See Figure 4-3. **Note:** for all schedules, a maximum of 6 separate periods can be specified for a day.

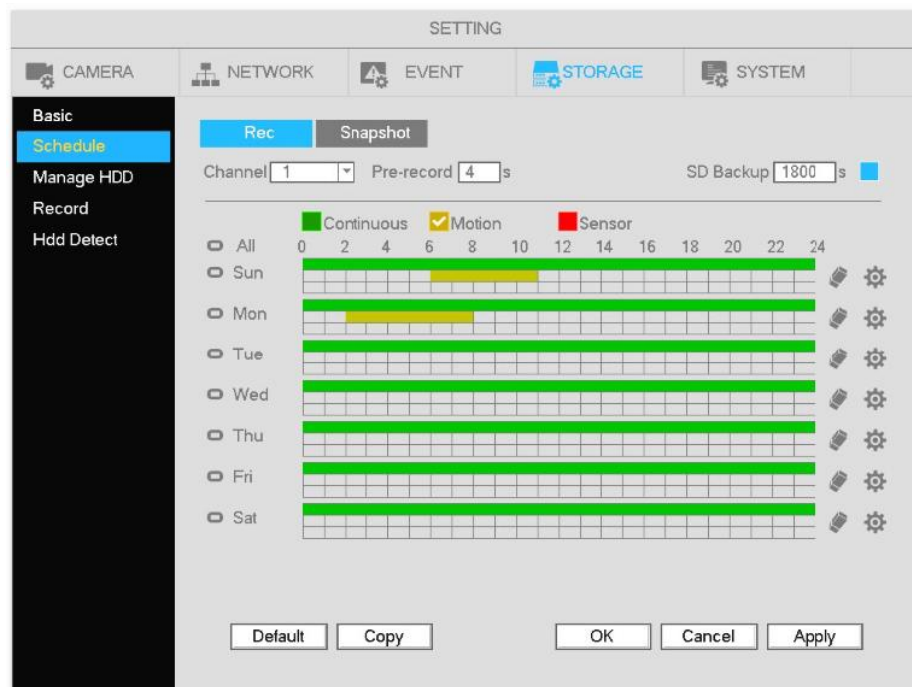
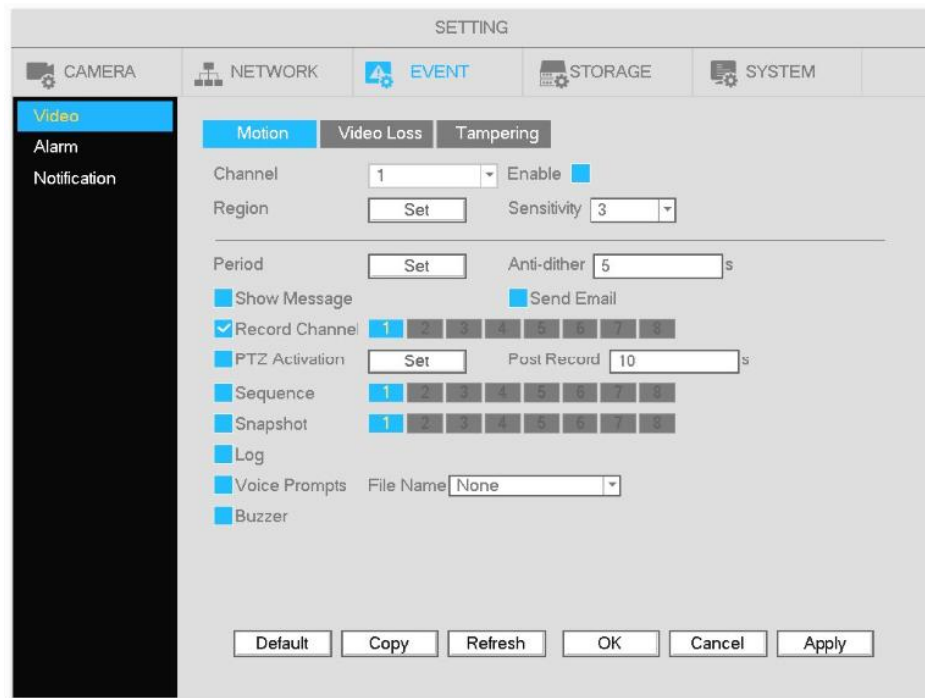


Figure 4-3

After completing setup, click Apply to save the settings.

4.4 Motion Recording

1. Go to Main Menu->Setup->Event->Video->Motion. See Figure 4-4.



The interface is titled "SETTING" and has tabs for CAMERA, NETWORK, EVENT, STORAGE, and SYSTEM. The EVENT tab is active, showing sub-tabs for Motion, Video Loss, and Tampering. The Motion sub-tab is selected. On the left, there is a sidebar with "Video" (highlighted), "Alarm", and "Notification". The main area contains the following settings:

- Channel: 1 (dropdown)
- Enable: ☒
- Region: Set (button)
- Sensitivity: 3 (dropdown)
- Period: Set (button)
- Anti-dither: 5 (dropdown)
- Show Message: ☒
- Send Email: ☒
- Record Channel: ☒ 1 2 3 4 5 6 7 8
- PTZ Activation: Set (button)
- Post Record: 10 (dropdown)
- Sequence: 1 2 3 4 5 6 7 8
- Snapshot: 1 2 3 4 5 6 7 8
- Log: ☒
- Voice Prompts: File Name: None (dropdown)
- Buzzer: ☒

At the bottom are buttons: Default, Copy, Refresh, OK, Cancel, and Apply.

Figure 4-4

2. Select a channel from the dropdown list and then check the Enable box to enable motion detection.
3. Select the Region Setup button to set up the motion detection zone. Click and drag to identify the desired zones. Multiple areas within the window can be highlighted.
4. Period: Select the Period Setup button. The interface is shown below (Figure 4-5). Follow the same procedure as the general schedule setup. Note that a maximum of 6 separate periods can be specified for one day.



The interface is titled "Set" and shows a weekly schedule grid. The days of the week are listed on the left: All, Sun, Mon, Tue, Wed, Thu, Fri, Sat. The time slots are listed at the top: 0, 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24. Each day has a corresponding row of yellow boxes representing the time slots. A "Set" button is next to each row. At the bottom are buttons: Default, OK, and Cancel.

Figure 4-5

4.5 Playback

Right click and select Main Menu->Search to bring up the playback interface as shown in Figure 4-6. From this screen, you can access EZ Search as well as searching by timeframe.

To use EZ search, perform the following:

1. Click on single view mode
2. Choose the stream type (M=mainstream, S=substream) and channel number. Note: the mainstream is usually the higher resolution output of the cameras.
3. Click on EZ search
4. Thumbnails at timed intervals will appear, click on the interval you want to view. Click “Exit” on the lower right to Exit thumbnail view.

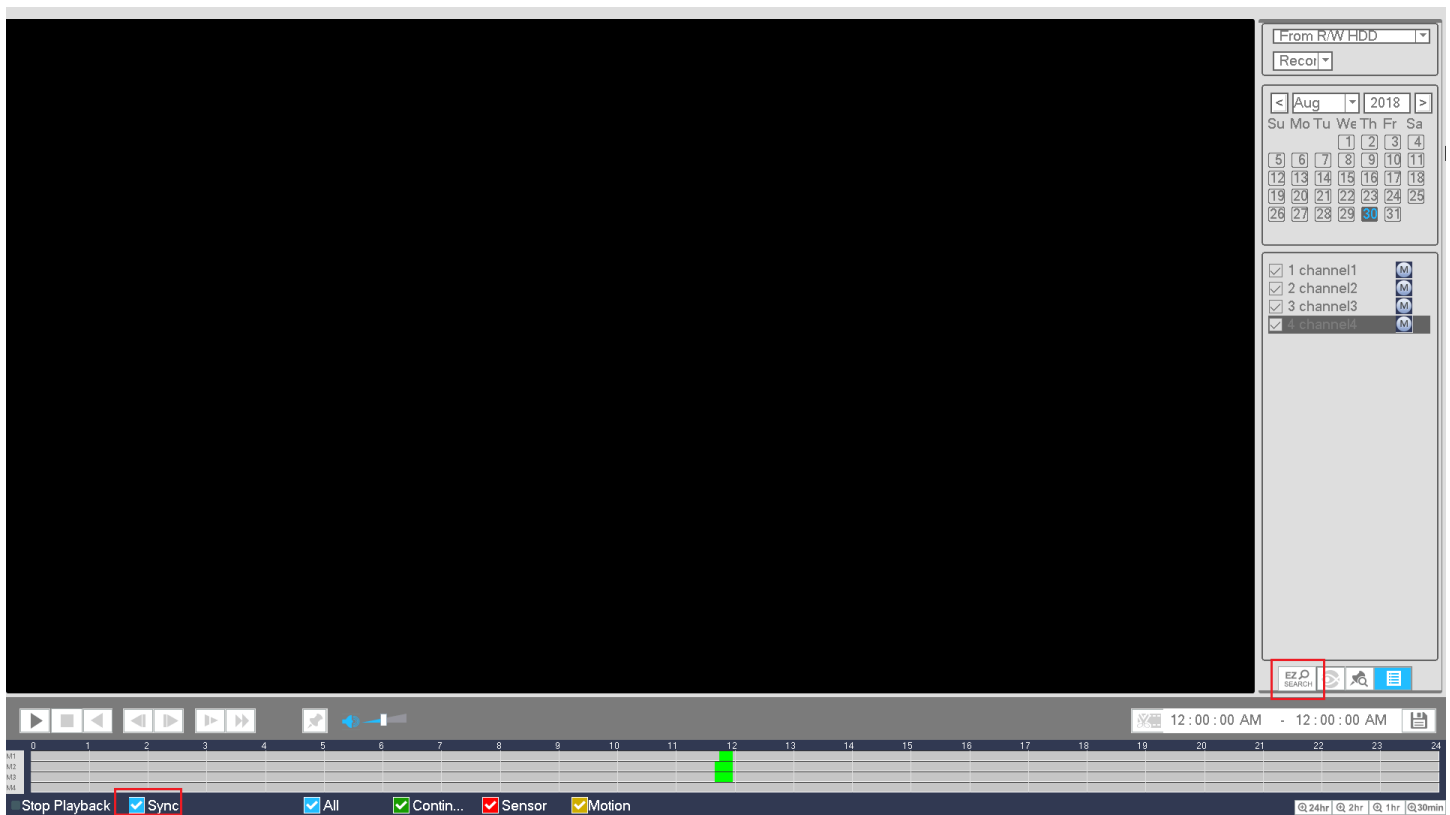


Figure 4-6

Tip: Check the “Sync” box to sync cameras to the same time index during playback.

5. Remote Web Access

1. Open Internet Explorer and enter the NVR's IP address in the address bar.
2. Follow the instructions to install the plug-in.
3. After installation, the login interface is shown as below. See Figure 5-1.
4. Please enter the user name and password.

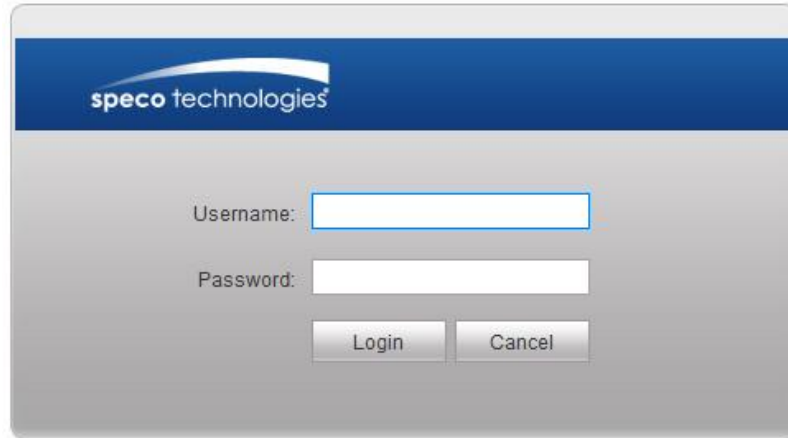
A screenshot of a web browser displaying the Speco Technologies login page. The page has a blue header with the Speco Technologies logo. Below the header, there are two input fields: 'Username:' and 'Password:'. At the bottom, there are two buttons: 'Login' and 'Cancel'.

Figure 5-1

For detailed operation information, please refer to the user's manual.