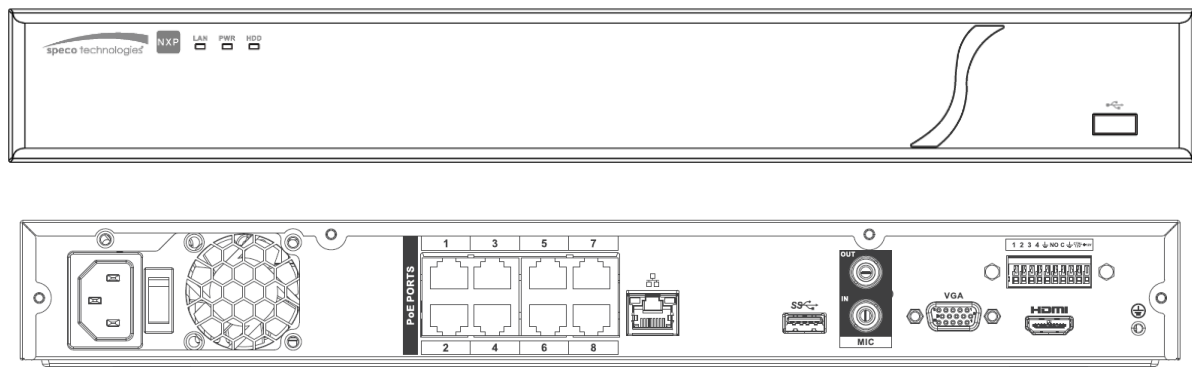


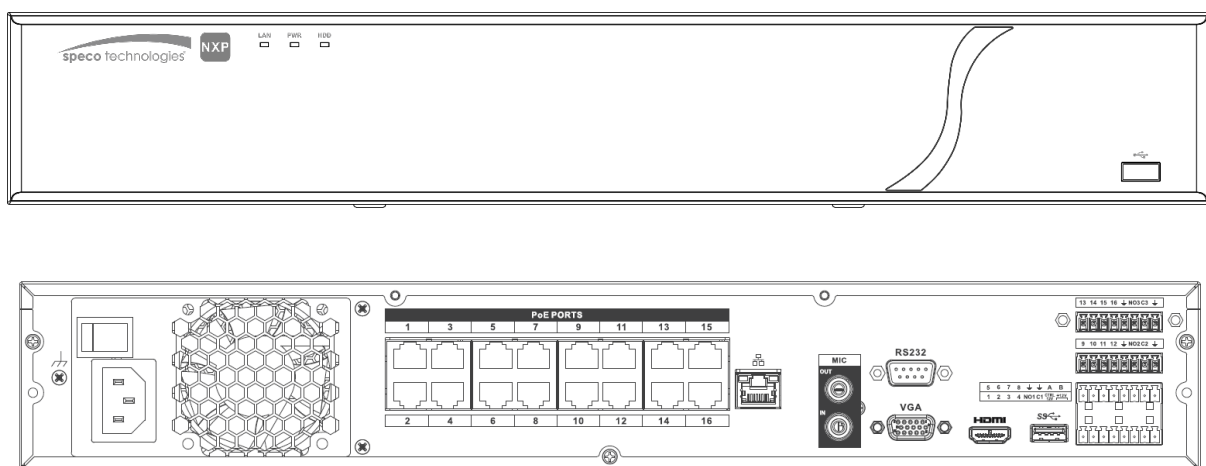
NXP (8 and 16 Channel)

Quick Start Guide

N8NXP



N16NXP



Version 1.0.1

Features and specifications 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



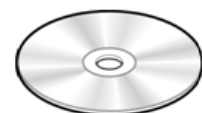
Optical Mouse



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 (N8NXP 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 the power cord to the recorder and plug into a 120VAC 50/60Hz outlet.
5. Connect recorder to network (optional)
6. Turn on power switch and allow recorder to boot up.

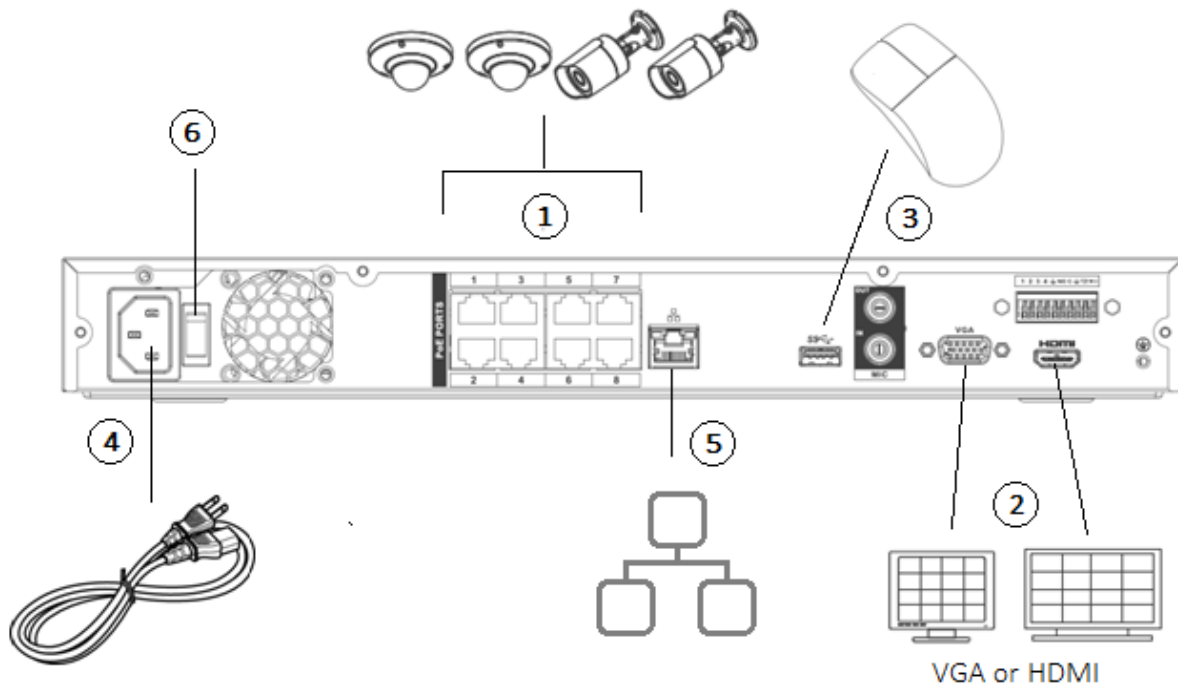


Figure 1-2

2. Set Password and Security Questions

2.1 Enter a password

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

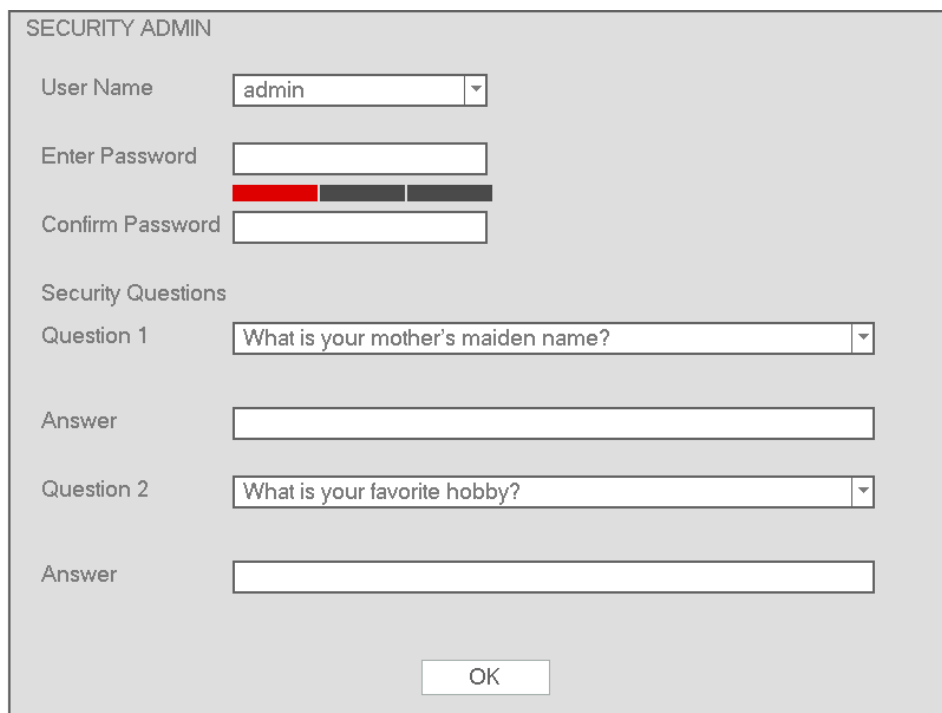
The password strength indicator can be used as a reference. Re-enter the password to confirm.

2.2 Enter answers for two 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 screenshot shows a web-based configuration interface titled "SECURITY ADMIN". It contains the following fields and controls:

- User Name:** A dropdown menu with "admin" selected.
- Enter Password:** A text input field with a password strength indicator below it consisting of three segments: the first is red, and the other two are grey.
- Confirm Password:** A text input field.
- Security Questions:**
 - Question 1:** A dropdown menu showing "What is your mother's maiden name?". Below it is a text input field for the answer.
 - Question 2:** A dropdown menu showing "What is your favorite hobby?". Below it is a text input field for the answer.
- OK:** A button at the bottom center of the form.

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.

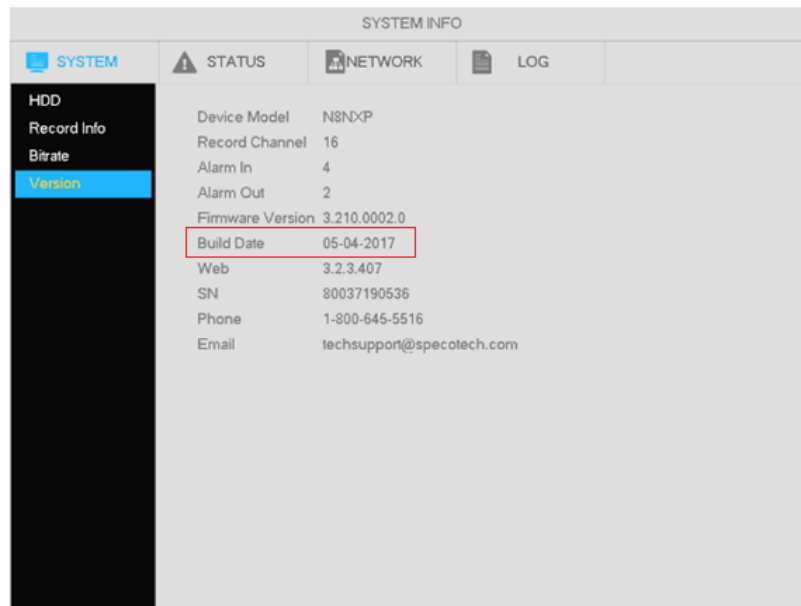


Figure 3-1

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.

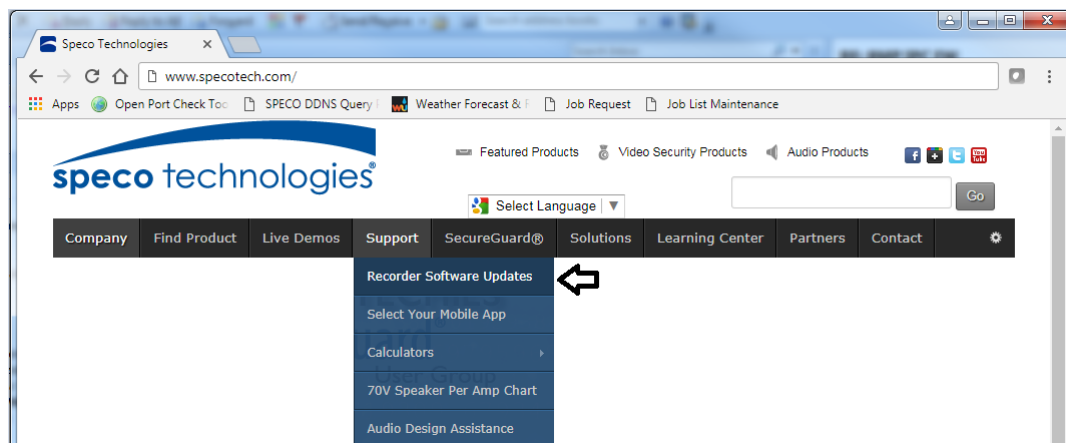


Figure 3-2



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 on to 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

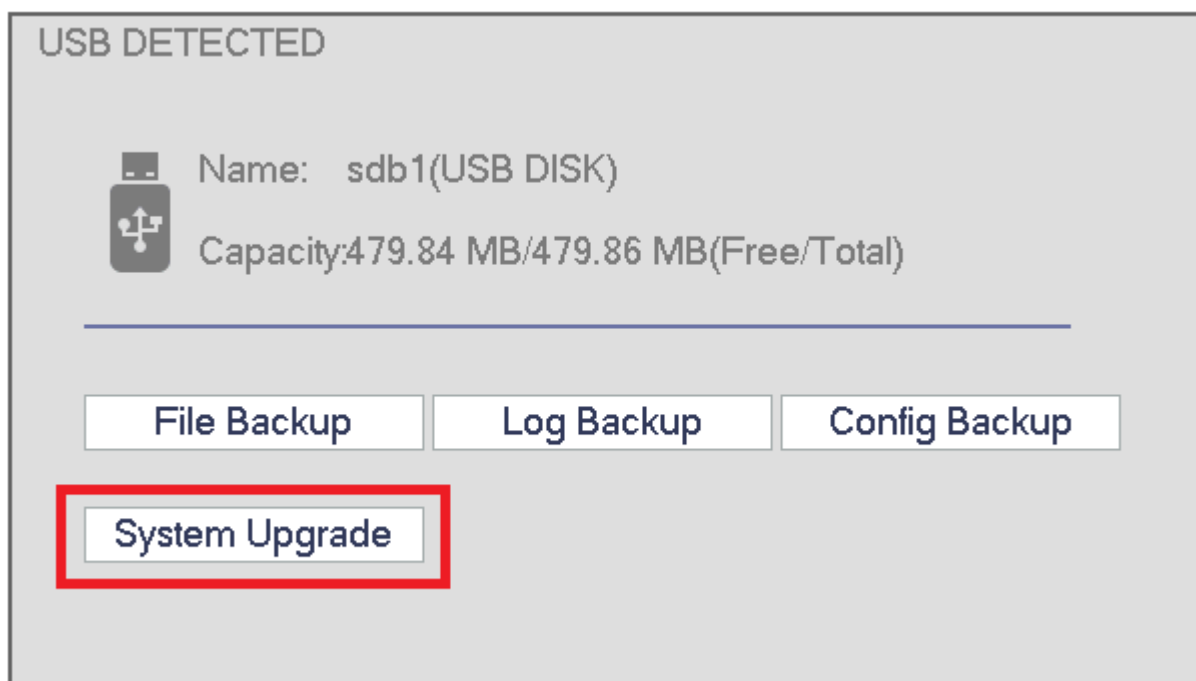


Figure 3-4

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.

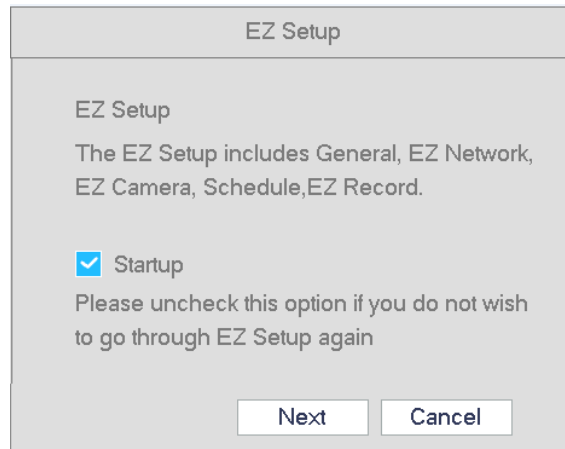


Figure 4

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.

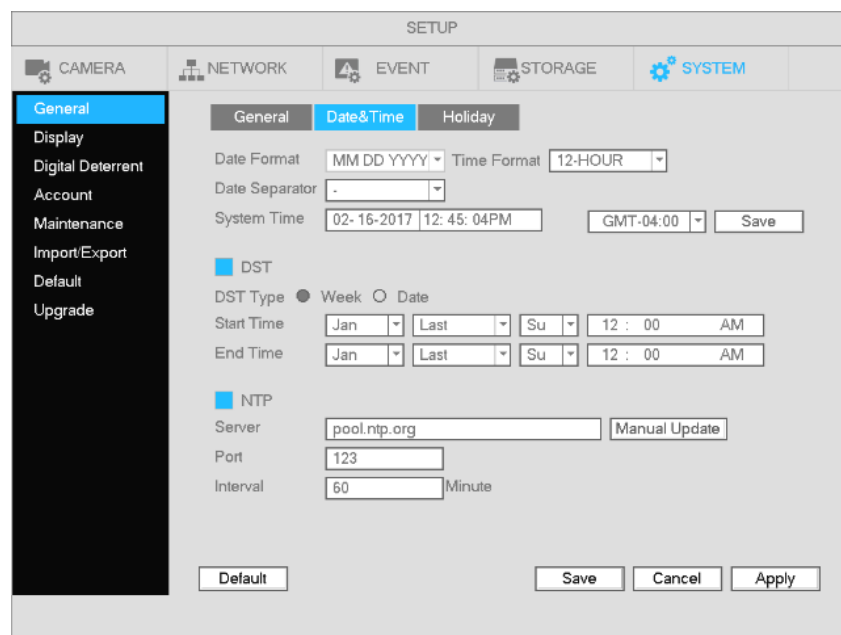


Figure 4-1

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.

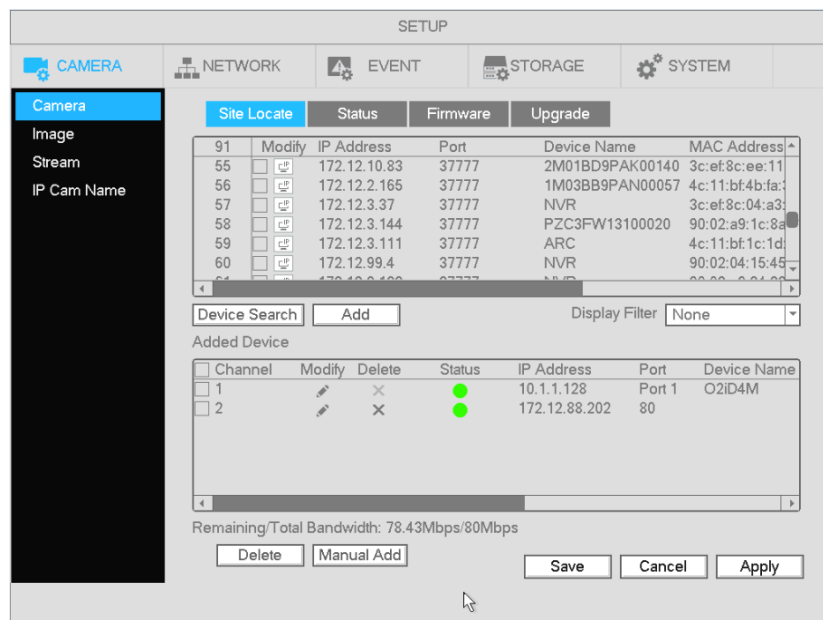


Figure 4-2

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.

- Select the desired channel.

Channel

- Set the recording type.

☒ Continuous ☒ Motion ☐ Sensor

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

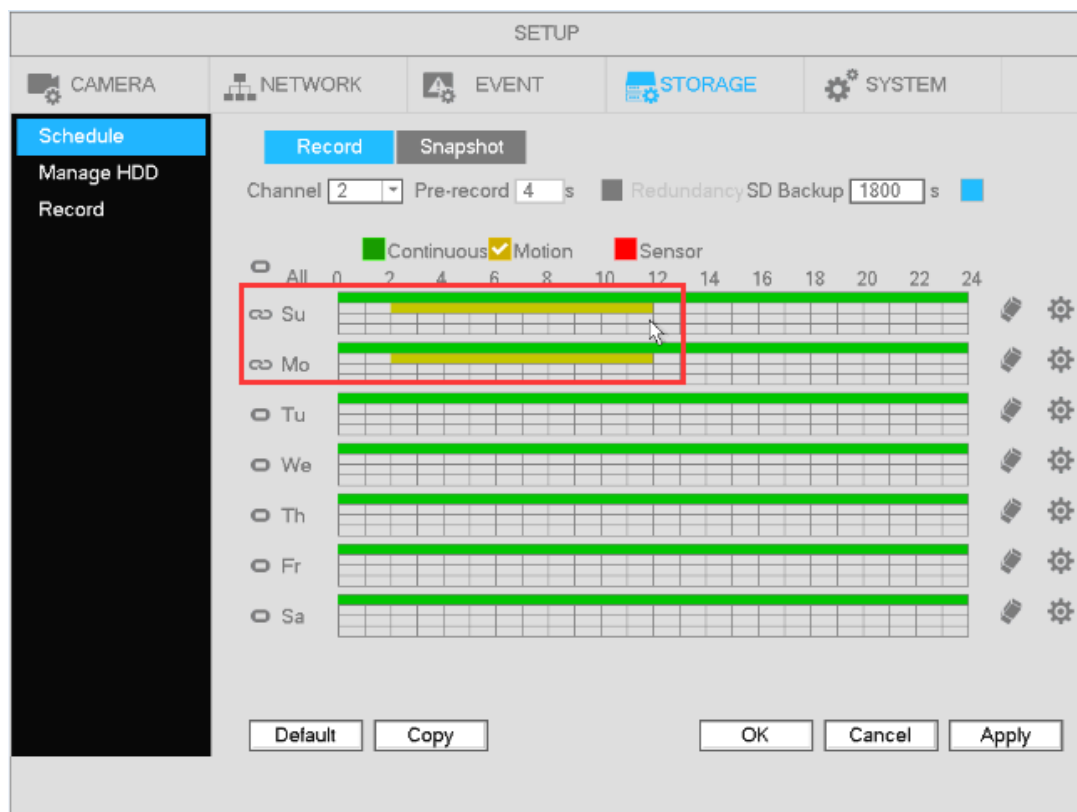


Figure 4-3

After completing setup, click Apply to save the settings.

4.4 Motion Recording

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

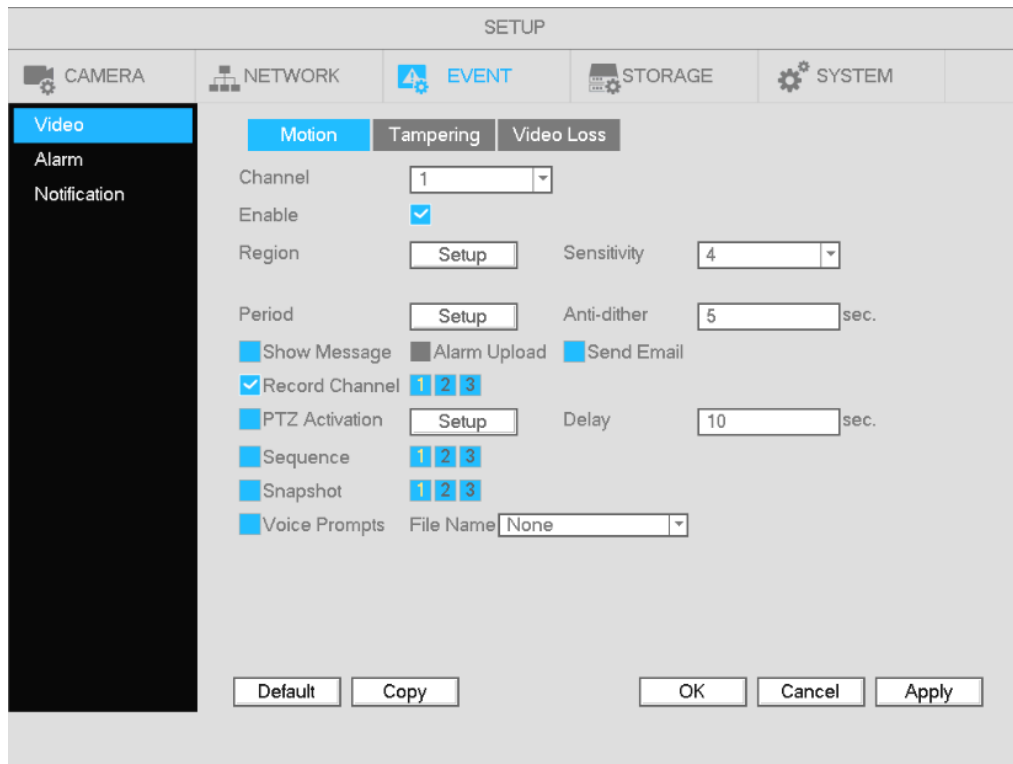


Figure 4-4

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.

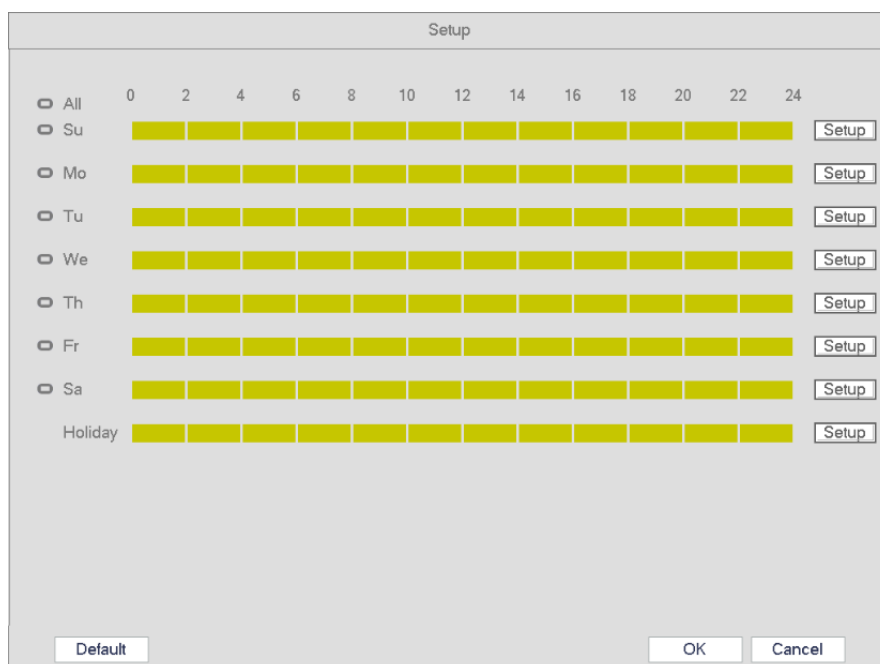


Figure 4-5

4.5 Playback

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

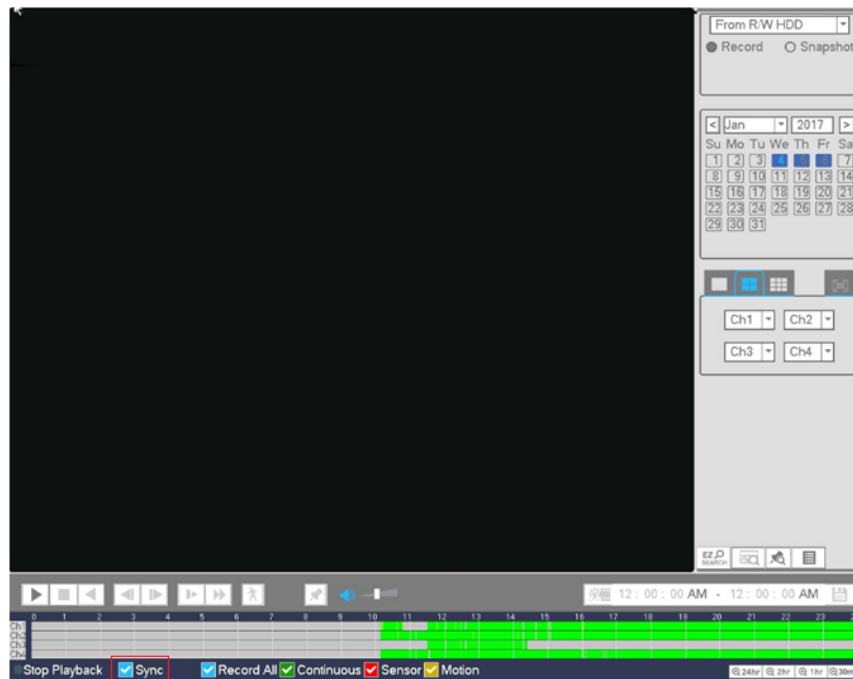


Figure 4-6

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.

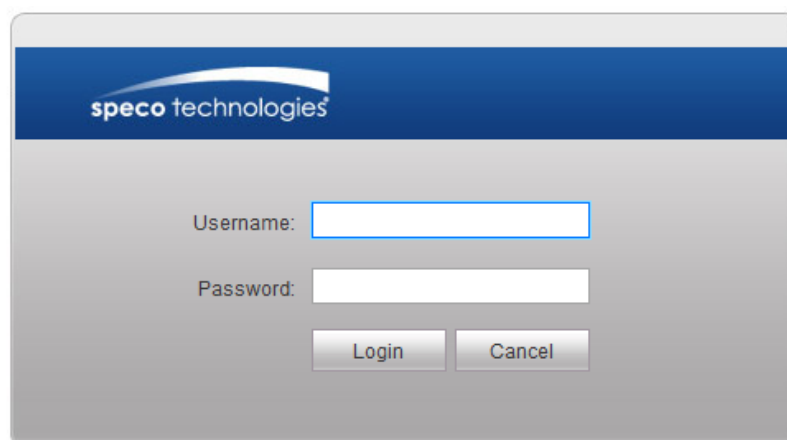


Figure 5-1

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

NXP Camera Compatibility Chart

Camera	Function	Resolution	Housing	Format	PoE Type	Zoom	Focal Length	IR Range	Weather Rating	Color	Included Accessory	Compression	Certification
O2LPR67	Monochrome License Plate Capture	2MP	Bullet	IP	802.3af	10x	5-50mm	165	IP66	White	N/A	H.265, H.264, MJPEG	FCC, RoHS
O2P12X	PTZ (pan/tilt/zoom)	2MP	Dome	IP	802.3at	12x	5.1-61.1mm	N/A	IP66	White	Wall Bracket	H.264, MJPEG	FCC, RoHS, UL
O2P4X	PTZ (pan/tilt/zoom)	2MP	Dome	IP	802.3af	4x	2.7-11mm	N/A	IP66	White	Junction Box	H.264, MJPEG	FCC, RoHS, UL
O3VFBM	Motorized varifocal lens, auto focus	3MP	Bullet	IP	802.3af	4.5x	2.7-12mm	190	IP67	Gray	Junction Box	H.264, MJPEG	FCC, RoHS, UL
O3VFDM	Motorized varifocal lens, auto focus	3MP	Dome	IP	802.3af	4.5x	2.7-12mm	98	IP67	White	Junction Box	H.264, MJPEG	FCC, RoHS, UL
O3VLB3	Fixed lens	3MP	Bullet	IP	802.3af	N/A	2.8mm	98	IP67	Gray	Junction Box	H.264, MJPEG	FCC, RoHS, UL
O4D1	Fixed lens	4MP	Dome	IP	802.3af	N/A	2.8mm	98	IP67	White	Junction Box	H.264, MJPEG	FCC, RoHS, UL
O4B7	Fixed lens	4MP	Bullet	IP	802.3af	N/A	2.8mm	98	IP67	Gray	Junction Box	H.264, MJPEG	FCC, RoHS, UL
O4P30X	PTZ (pan/tilt/zoom)	4MP	Dome	IP	802.3at	30x	4.5-135mm	N/A	IP66	White	Wall Bracket	H.264, MJPEG	FCC, RoHS, UL
O8B2M	Ultra high definition, motorized, auto focus	4K	Bullet	IP	802.3af	4.5x	2.7-12mm	160	IP67	Gray	Junction Box	H.264, MJPEG	FCC, RoHS, UL
O8D2M	Ultra high definition, motorized, auto focus	4K	Dome	IP	802.3af	4.5x	2.7-12mm	160	IP67	White	Junction Box	H.264, MJPEG	FCC, RoHS, UL

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