

# Quick Start Guide

**NVR**

DS-7104NI-SL/W NVR

**NOTE:** For more detailed information, refer to the User's Manual on the CD-ROM. You must use your PC or MAC to access the files.

## Quick Start

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**NOTE:** For more detailed information, refer to the User's Manual on the CD-ROM. You must use your PC or MAC to access the files.

# Network Video Recorder

## 1. Overview

**BEFORE STARTING:** Connect VGA or HDMI monitor and mouse (mouse supplied). **Check that your package includes the following:**



NVR



Mouse



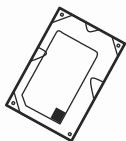
Power Adaptor



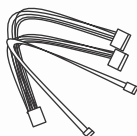
Power Cord



Screws



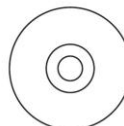
Hard Drive (PreInstalled)



HDD Cables



Quick Start Guide



Manual/Software CD

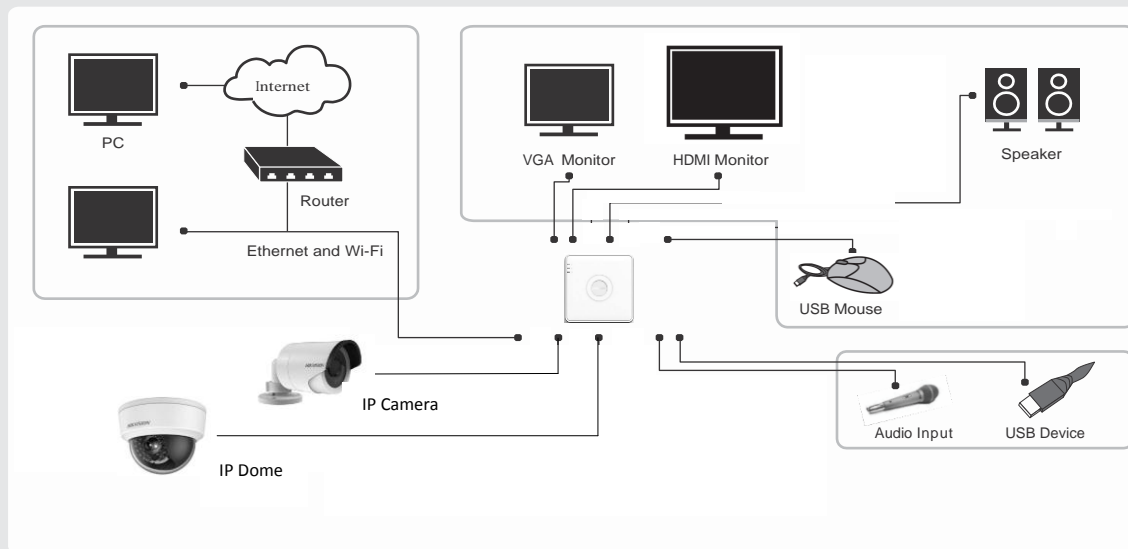
### Top Panel Description:



Status Indicators:

1. Power
2. HDD Status
3. Tx/Rx

## 2. Connection



## 3. Startup and Shutdown



### To Startup Your NVR:

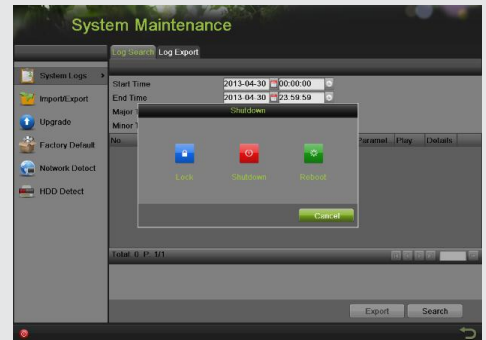
1. Plug power cord into NVR and electrical outlet. It is **HIGHLY** recommended to use a surge protector. The Power indicator LED on the top panel will turn red.
2. Connect a VGA or HDMI monitor and mouse into the NVR. **NOTE:** Monitor and mouse need to be plugged in before starting.

**NOTE: Default password is 12345**

## 3. Startup and Shutdown (cont.)

### To Shut down Your DVR:

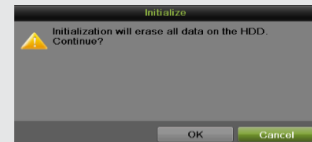
1. Enter the Shutdown menu by going to **Main Menu > Maintenance**.
2. Click the **Shutdown**  button to access the **Shutdown** menu.
3. Select the **Shutdown**  button.
4. Click the **Yes** button.



## 4. Formatting a Disk

A newly installed hard disk drive (HDD) must be formatted first before it can be used with your DVR. If the disk is newly installed, the status of the drive will show up as **Uninitialized**.

**NOTE: Formatting the disk will erase all data on it.**




To format a new disk:

1. Enter the HDD Configuration menu by going to **Main Menu > System Configuration > HDD > HDD Information**.
2. Place a check next to the disk to format. A disk that has not been formatted will show Uninitialized as its status.

# Network Video Recorder

## 4. Formatting a Disk (cont.)

3. Click the **Init** button.
4. A confirmation message will appear on the screen.  
Click the **OK** button to continue the formatting process.
5. The status column will show the Initialization progress.  
After the disk has been formatted, the status of the disk will change to **Normal**.
6. Click  to exit out of HDD Menu.



## 5. Setting Date & Time

### To Setup Date and Time:

1. Enter the Time/Date menu by going to **Main Menu > System Configuration > General > Time/Date**.
2. Select the correct time zone. Enter the correct date and time.
3. Click the **Apply** button to save the settings.



## 6. Network Connection

### Network Connection

#### Using Web Browsers

All Hikvision products use the default IP address of **192.0.0.64**

1. Connect a CAT5 or CAT6 cable from the NVR to a PC or Laptop computer.

Note your laptop or PC computers existing address, such as:

- IP: 192.0.0.62
- Subnet: 255.255.255.0

2. Open web browser.
3. In the address bar, type 192.0.0.64

If prompted, allow the installation of the Hikvision application.  
It may be necessary to add this IP address as a Trusted Site with Low Security.

4. Login to the DVR:

- Username: admin
- Password: 12345

5. Go to the **Configuration** tab, and then **Remote Configuration** menu.
6. Click on **Network Settings**.
7. Enter the IP address you wish to assign to the NVR, then **SAVE**.
8. Reset your laptop or PC to its original IP address, subnet and gateway.
9. Type the new address in web browser.

#### Using Hikvision iVMS 4200 Software

If possible, check <http://www.hikvision.com/> for the latest version of the **iVMS4200** client software.

If internet access is not available, install the software from the CD.  
Then follow the instructions included with the software.

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## 7. Wi-Fi Configuration

### Wi-Fi Configuration

1. Enter the WiFi Settings interface.

**Main Menu > System Configuration >  
Network > WIFI**

2. Configure the following parameters:

- **SSID:** SSID is short for Service Set Identifier, and it is displayed as the WIFI name when you search the available WIFI hotspots via other devices with WLAN function. The SSID can contain any characters or numbers, and the length of it should be no longer than 32.
  - **Work Channel:** Select the work channel for the WIFI. And each channel stands for its own work frequency. The work channel is set as autoSelect by default.
  - **Security Type:** The security is for the WIFI access, if other people want to get access to the WIFI, they have to input the correct password which is configured by you.
  - **Encrypt Mode:** If the selected Security Type is not Disabled, please select the encrypt type in the corresponding drop-down list.
  - **Encrypt Key:** Set the WIFI password in the text filed. The Encrypt Key can contain any character, and the length of it should be in the range of 8 to 64.
  - **DHCP Start-Stop** (Start and End DHCP range): If the DHCP option of a device which connects to the WIFI is enabled, the NVR will assign an IP address within the DHCP range to the camera automatically.
3. Click **Apply** to save the settings.

The screenshot shows the 'Wi-Fi' configuration tab in a web interface. It includes fields for SSID (davnici), Work Channel (autoSelect), Encrypt Mode (TKIP\_AES), Encrypt Key (0123456789), and Security Type (Disable). Below these is a DHCP Start-Stop range (192.168.254.100 to 192.168.254.254). A table lists detected wireless cameras with columns for IP Address, MAC Address, Rate, RSSI, and BandWidth.

IP Address	MAC Address	Rate	RSSI	BandWidth
0.0.0.0	e0 b2 f1 1b 7b b6	0 Mbps	7	40 M
0.0.0.0	e0 b2 f1 1b 81 ac	0 Mbps	8	40 M
0.0.0.0	a0 14 59 49 c3 47	0 Mbps	10	40 M
0.0.0.0	e0 b2 f1 1b 7b ea	0 Mbps	13	40 M
0.0.0.0	e0 b2 f1 1b 7b eb	0 Mbps	12	40 M

Buttons for 'Upgrade' and 'Apply' are at the bottom right.

*Note: If the default WIFI settings has been changed, you will need to login to the camera's web interface and configure the camera to connect using the new WIFI settings.*


A list of detected wireless cameras will be displayed in the lower section of the WIFI setting interface.

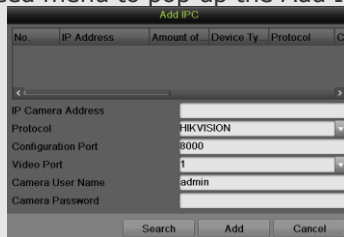


## 8. Adding IP Cameras

### Adding IP Cameras



#### Quick add:

1. Click the  button in Live Feed menu to pop up the Add IP Camera interface.



2. You can edit the IP address, protocol, management port, and other information of the IP camera to be added.
3. Click **Add** to add the camera.

#### Manual:

1. Enter the **Cameras** menu by going to **Main Menu > Cameras Setup > Cameras**.
2. Click the **Search** button to automatically detect connected IP cameras on the network.
3. You can modify the camera's IP address, subnet and port settings by clicking on the **Edit**  button
4. Input the necessary information like IP address, password and so on for the camera that you want to connect. Click **Apply** to confirm adding the camera and click **OK** to return to the previous menu.  
**Note:** The camera's status will show as disconnected initially. Click the **Refresh** button to obtain a connected status. You can also click the **Live View**  icon to verify a successful connection to the camera.
5. Go to **Main Menu > Recording Configuration** to setup IP camera recording resolution, frame rate, etc.

## 9. Recording

### To Setup Recording Schedule:

You can set the recording schedule through two ways:


#### OPTION1:


Right click to access the menu. Select **Start Recording** from the list, select either **Continuous Record** or **Event Record**. This will apply a 24/7 recording for all active channels.

#### OPTION2:

1. Enter the **Schedule Configuration** menu by going to **Main Menu > Recording Configuration > Schedule**.
2. Select a camera to configure from the camera drop down menu.
3. Check the **Enable Schedule** checkbox to enable the recording schedule. If the checkbox is unchecked, the recording schedule will be disabled.
4. Click blue **Continuous** or yellow **Event** icon below the time table to select a recording type. The time table will switch to edit mode, drag mouse over time table to configure recording schedule. Different recording types will be marked with corresponding color.

**Note:** Step 4 scheduling adjustments is to the hour, if recording schedule requires adjustments to the minutes, move to Step 6.

5. Select Recording Type for each day of the week. **Recording type** includes **Continuous** for continuous recording or **Event** for recording when an event is triggered (i.e. from detected motion) for the selected time period.
6. Select the start and stop time for each day of the week. The start and stop time are listed using a 24 hr cycle (i.e. 18:00 is equivalent to 6:00pm)
7. Select the **Apply** button to save the schedule settings and click  to return to the


previous menu. Clicking  without clicking **Apply** will go out of the menu without saving settings.

**NOTE: Event recordings are recordings that are triggered from motion detection and/or from an external alarm.**




## 10. Playback

### Playback from Search:

1. Enter the **Playback** menu by going to **Main Menu > Playback**.
2. Select the camera and date you want to search.
3. The search results will be shown on the timeline with blue bars designating recorded files.
4. Click a time on the timeline, and then click the **Play Forward**  button below the video preview window.



### Playback Multiple Channels:

1. Follow the steps mentioned above to playback the video.
2. Click the **Full-Screen**  button to enter full-screen mode, and select additional channels by clicking the checkbox next to the camera to playback multiple channels.
3. Stop playback of any of channel by unchecking the corresponding checkbox.




**NOTE: Up to 4 channels can be played back at the same time**

# Network Video Recorder

## 11. Backup

### Backup Recorded Files (Export):

1. Enter the **File Management** menu by going to **Main Menu > File Management**
2. Place a check next to the cameras you want to search files for backup. Select the recording type, date and time range you want to backup. Click on **Search**.
3. A search results window will display your results. You may click the **Play**  button to verify that these files are indeed the ones you would like to backup. The total size of backup files will be displayed in lower left hand corner.
4. Click the **Export** button.
5. Select device to backup to from drop-down list (USB Flash Drive, USB HDD). If backup device is not recognized:
  - Click the **Refresh** button.
  - Reconnect device.
  - Check for compatibility from vendor.
6. The total available free space will be shown. If the free space is not sufficient, delete files from the storage device or insert a device with more available free space.
7. Click the **Export** button to begin backup process. After the backup has completed, click the **OK** button.

