



# User Manual

## mydlink Camera Video Recorder

DNR-202L

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# Preface

D-Link reserves the right to revise this publication and to make changes in the content hereof without obligation to notify any person or organization of such revisions or changes. Information in this document may become obsolete as our services and websites develop and change.

## Manual Revisions

| Revision | Date          | Description                            |
|----------|---------------|----------------------------------------|
| 1.40     | June 23, 2017 | Revision A3 with firmware version 1.40 |

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# Product Overview

## Package Contents



DNR-202L mydlink Camera Video Recorder



Power adapter



CAT5 Ethernet cable



Quick Installation Guide



CD-ROM with User Manual and software

If any of the above items are missing, please contact your reseller.

**Note:** Using a power supply with a different voltage than the one included with your product will cause damage and void the warranty for this product.

## Introduction

Congratulations on your purchase of the DNR-202L mydlink™ Camera Video Recorder.

The DNR-202L is a wired Network Video Recorder (NVR) that supports up to four network cameras with M-JPEG, MPEG4, or H.264 recording with up to two attached USB hard drives. Thanks to the powerful embedded system, the NVR can record video from network cameras located in local or remote sites to dedicated disk storage without needing a PC.

Powered by mydlink technology, the DNR-202L can be easily setup for Internet access. It supports real-time monitoring and playback from anywhere via an Internet browser. Users can simultaneously record while viewing live feeds or while searching recordings for playback. Complete video management, live surveillance, and playback ability makes the DNR-202L a convenient and stable video recording solution.

## System Requirements

- Computer with Microsoft Windows 8®, Windows 7, or Mac OS 10.7 or above
- PC with Pentium 4 – 2.4 GHz or above, at least 512 MB RAM
- Internet Explorer 8, Safari 7 (Mac OS) or above
- Existing 10/100 Ethernet-based network
- Broadband Internet connection

## Features

### Comprehensive IP Surveillance Solution

1. **Total Solution:** The D-Link DNR- 202L is a Network Video Recorder (NVR) capable of 24/7 recording without requiring a PC. The DNR-202L can manage multiple network cameras, provide direct access to view live video and play recorded video files through the Internet from anywhere, anytime. The device itself is lightweight and compact in size for maximum portability.
2. **Easy to Use:** A user-friendly GUI simplifies network and camera setup, allowing users to easily access multiple cameras for viewing, recording, playback, and configuration.
3. **Centralized Interface for Configuration:** The DNR-202L provides a flexible and economic alternative to manage and configure multiple network cameras on a centralized web interface.
4. **Megapixel Resolution Support:** The major advantage of digital over analog video is its higher resolution support. The DNR-202L supports high resolution megapixel recording for vivid video with high clarity.
5. **Empowered by mydlink Technology:** The DNR-202L can be easily setup for Internet access. It supports real-time monitoring and playback from anywhere via an Internet browser.

### Powerful Event Management

1. **Flexible Event Management:** Event setup is another key feature of the DNR-202L. The NVR can monitor your cameras for motion detection, digital input, and connection status events to trigger an action.
2. **Event Notification:** One of the most powerful functions is the notification application. The NVR centrally controls the e-mail notifications and can even activate a buzzer function from supported cameras.

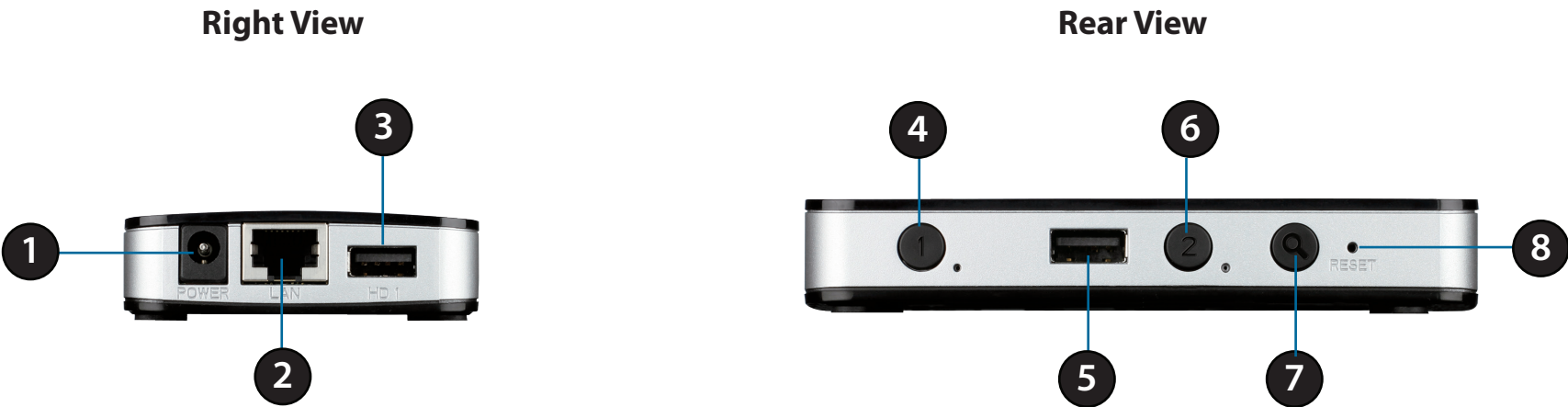
### Instant Live View

1. **Full Screen:** Enlarge the display to full screen of live view and recorded video.
2. **Camera Name and Status on OSD:** The camera status page will show the connection, recording, frame rate, and bit rate information of each camera. Meanwhile, the time and date are also displayed for quick reference.
3. **PTZ/Audio Support:** Users can control Pan/Tilt/Zoom (PTZ) functions from within the interface using the provided interface buttons.
4. **Preset Point:** Presets from within the interface can be set to instantly restore a previously saved viewpoint.
5. **Digital Zoom:** Videos can be enlarged by using digital zoom.

### Intelligent Playback

1. **AVI Output:** During playback, if you uncover video that needs to be exported, you can easily export video in the convenient AVI format.
2. **Playback Speed Control:** Speed control allows for up to 32x speed fast forward or fast rewind playback. The step playback option displays one frame at a time.
3. **Instant Snapshot:** Take an instant still image of the video frame during playback.
4. **Print Picture:** If a printer is connected to the user's PC, the NVR can also print the selected still image.

# Hardware Overview



|   |                    |                                                                                                   |
|---|--------------------|---------------------------------------------------------------------------------------------------|
| 1 | Power Receptor     | Connect the provided power adapter                                                                |
| 2 | Ethernet Port      | Connect one end of the provided network cable                                                     |
| 3 | USB Port for HDD 1 | Attach an external USB Hard Disk Drive (HDD) to this port to save recorded streams                |
| 4 | HDD 1 Button       | Press this button to release the HDD attached to the USB Port for HDD 1                           |
| 5 | USB Port for HDD 2 | Attach an external USB HDD to this port to save recorded streams                                  |
| 6 | HDD 2 Button       | Press this button to release the HDD attached to the USB Port for HDD 2                           |
| 7 | Auto Scan Button   | Press this button to automatically scan for cameras on the network                                |
| 8 | Reset Button       | Press and hold the recessed button for 10 seconds to reset the device to factory default settings |

# Assembly and Installation

## Attaching External Drives

### Step 1

Place the NVR on a non-slip flat surface.

### Step 2

Attach an external USB HDD to the USB HDD1 port.  
The NVR will mount the HDD and beep once.

**Note:** When you want to remove an HDD, press and hold the release button for at least three seconds. The NVR will release the HDD and emit a long beep. You can now unplug the USB cable.

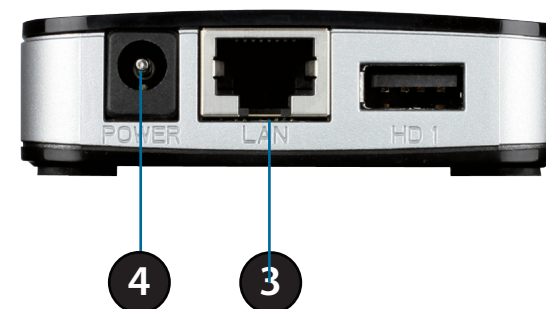
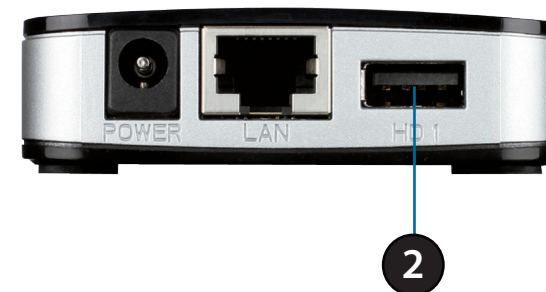
### Step 3

Attach one end of the provided RJ45 network cable to the NVR. Attach the other end to your network. The DNR-202L will test for an Internet connection. Once an Internet connection is established, the blue LED will blink.

**Note:** If you do not connect an Ethernet cable, the DNR-202L will beep.

### Step 4

Attach the provided power adapter.



# Installation and Setup

## Step 1

Insert the Installation CD-ROM into your computer's optical drive to start the autorun program. Click **Start** to begin the wizard.

### Windows Users:

The CD-ROM will open the Setup Wizard. The Setup Wizard will guide you through the installation process to configure the NVR.

### Note:

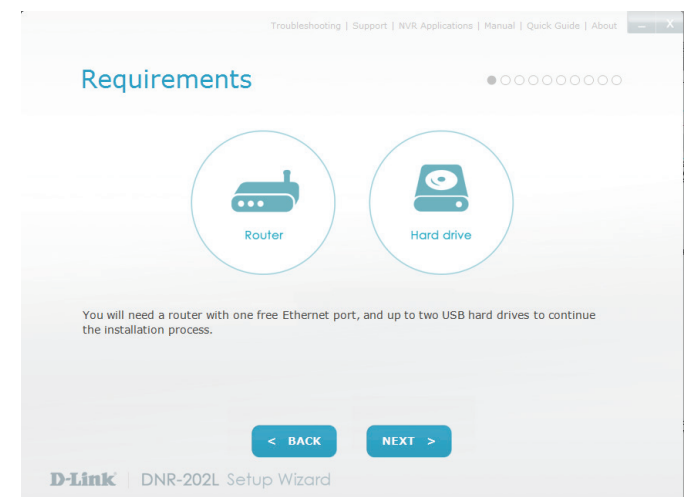
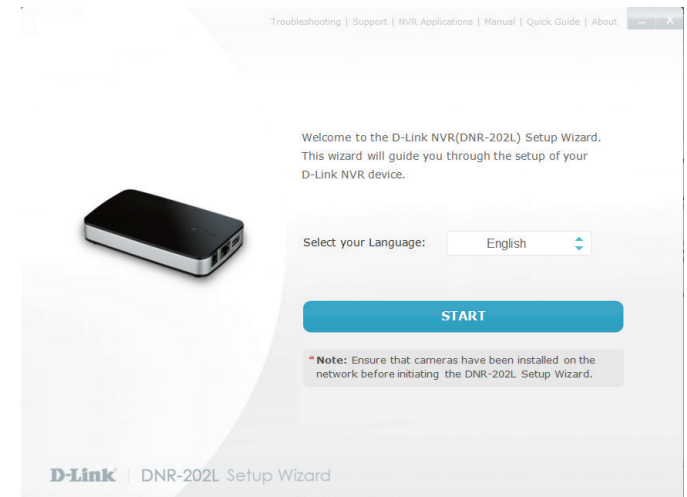
If the autorun program does not automatically start on your computer, go to Windows and click **Start** > **Run**. In the Run command box type **D:\autorun.exe**, where D: represents your CD-ROM drive.

### OS X Users:

Insert the DNR-202L Driver CD in the CD -ROM drive. After you have inserted the CD into your computer, go to the CD drive directory, and double-click the Mac Utility folder to enter.

## Step 2

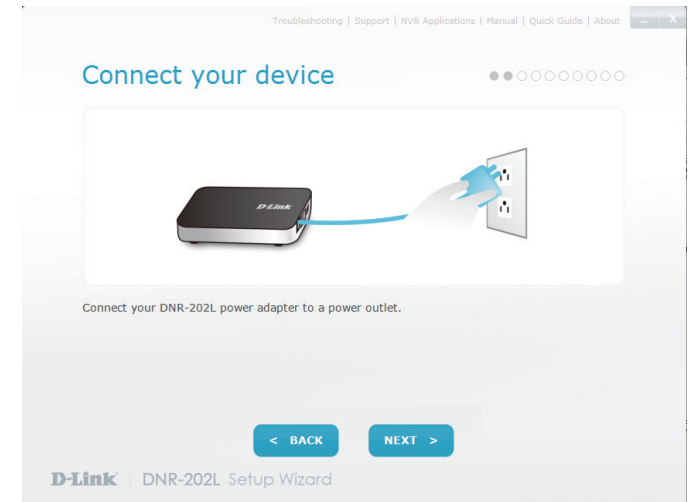
Connect your USB hard drive to the DNR-202L and click **Next** to proceed.



### Step 3

Connect the power adapter to the DNR-202L and then to a power outlet.

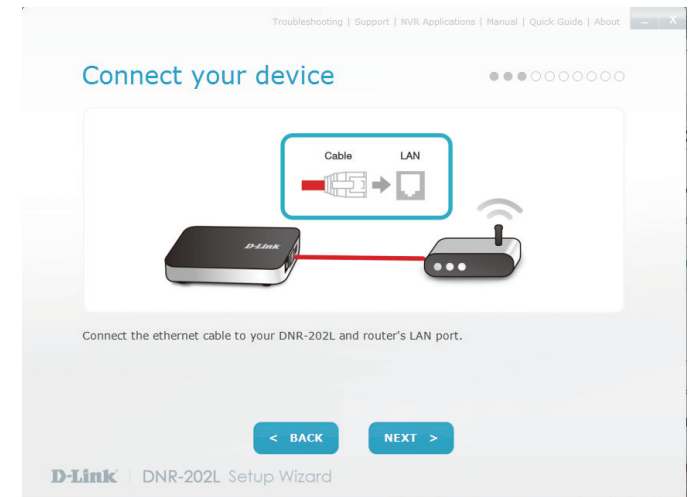
Click **Next** to continue.



### Step 4

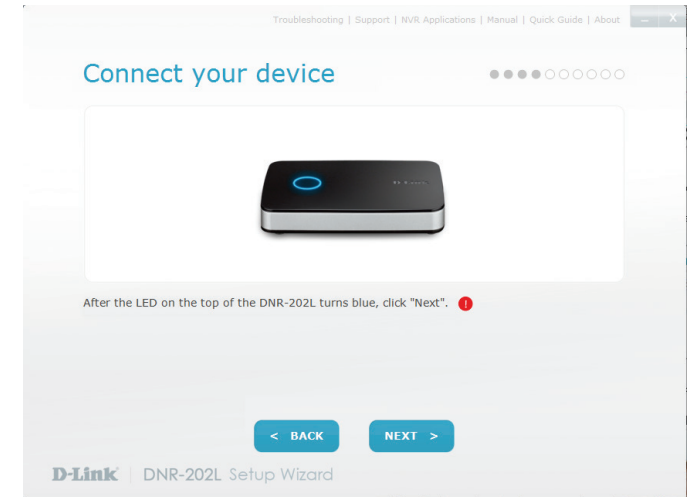
Connect an Ethernet cable from your router's LAN port to the DNR-202L.

Click **Next** to continue.



### Step 5

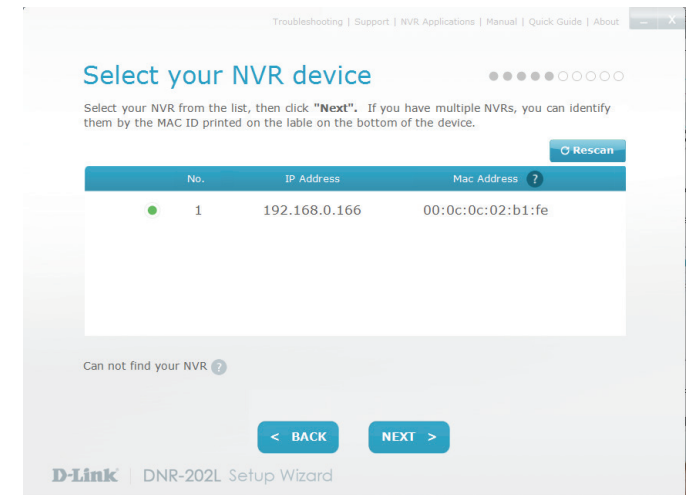
Make sure the LED on the NVR is lit blue then click **Next** to continue.



### Step 6

The wizard will attempt to find your NVR in your network. You can click **Rescan** to search for the DNR-202L at any time.

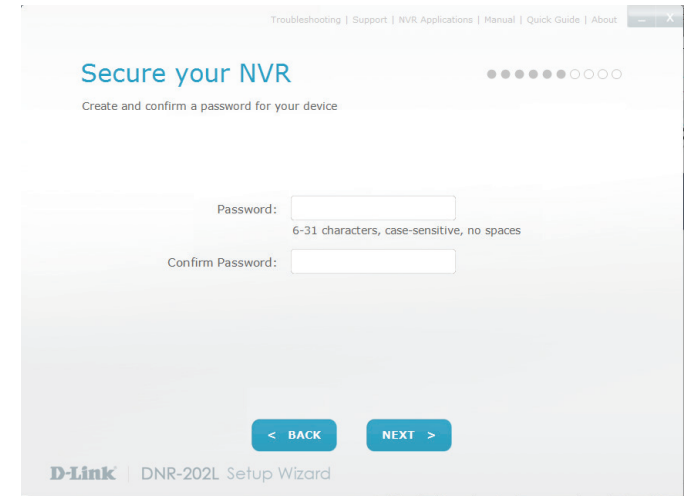
Click **Next** to continue.



### Step 7

Once your NVR has been found, you can set a password for it in the text boxes.

Click **Next** to continue.



Troubleshooting | Support | NVR Applications | Manual | Quick Guide | About

### Secure your NVR

Create and confirm a password for your device

Progress: 6 of 10 steps

Password:   
6-31 characters, case-sensitive, no spaces

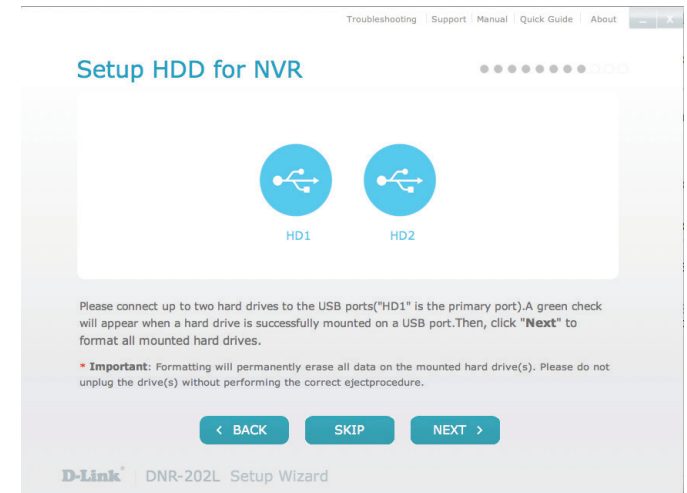
Confirm Password:

< BACK NEXT >

D-Link DNR-202L Setup Wizard

### Step 8

You must format the attached hard drives for the NVR. Make sure you do not have any important data on this drive before clicking **Next**.



Troubleshooting | Support | Manual | Quick Guide | About

### Setup HDD for NVR

Progress: 7 of 10 steps

HD1 HD2

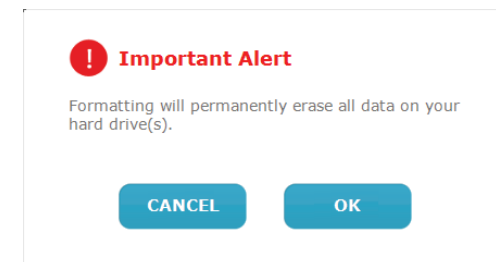
Please connect up to two hard drives to the USB ports ("HD1" is the primary port). A green check will appear when a hard drive is successfully mounted on a USB port. Then, click "Next" to format all mounted hard drives.

**\* Important:** Formatting will permanently erase all data on the mounted hard drive(s). Please do not unplug the drive(s) without performing the correct eject procedure.

< BACK SKIP NEXT >

D-Link DNR-202L Setup Wizard

Click **OK** to proceed with formatting.



**! Important Alert**

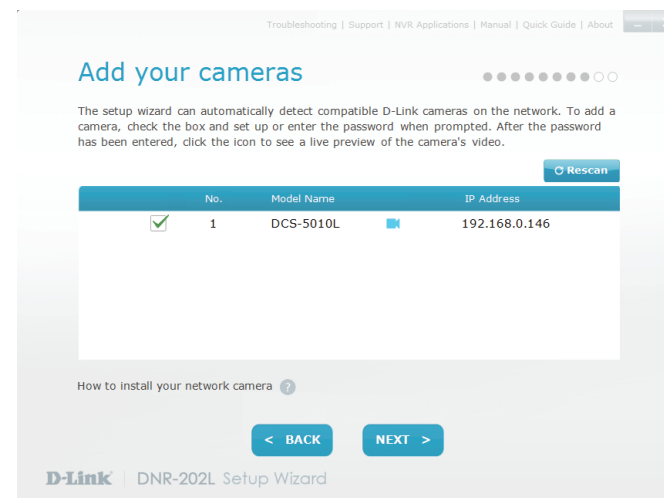
Formatting will permanently erase all data on your hard drive(s).

CANCEL OK

### Step 9

The wizard will scan for all available cameras attached to your network. Registered mydlink cameras will be verified automatically.

You can preview the discovered cameras by clicking on the blue camera icon, or click **Next** to continue.



### Step 10

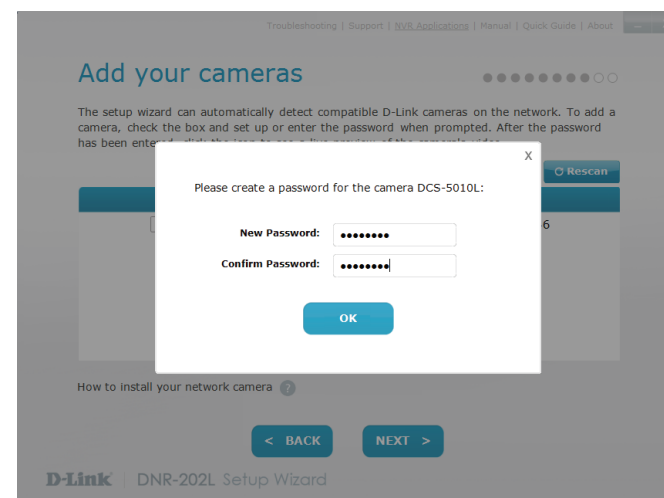
A pop-up will ask you to enter the password for your camera.

Click **OK**.

The checkbox next to your camera will now have a green checkmark to indicate it has been added successfully.

Click **Next** to continue.

**Note:** It is strongly advised to set up passwords for all of your cameras.



### Step 11

The wizard will guide you through the process of connecting your NVR to a mydlink account. If you already have a mydlink account, enter the correct configuration information and click **Next** to continue, otherwise select **I want to sign up for a new account** or **I don't want to use mydlink service** and follow the instructions.

Click **Next** to continue.

The screenshot shows the 'mydlink Service' setup screen. At the top, there's a navigation bar with links: Troubleshooting | Support | NVR Applications | Manual | Quick Guide | About. Below the title 'mydlink Service', there's a progress indicator with 10 dots, the 4th of which is filled. The main text says: 'Sign up for a mydlink account and access your NVR remotely from wherever you are. View live video of connected cameras or access recorded video clips using an internet-connected PC, smartphone, or tablet.' There are three radio button options: 1. 'I already have a mydlink account.' (selected), with input fields for 'Email:' and 'Password:'. 2. 'I want to sign up for a new account.' 3. 'I don't want to use mydlink service.(You will not be able to access your NVR remotely if you choose this option).' At the bottom, there are two buttons: '< BACK' and 'NEXT >'. The footer shows the D-Link logo and 'DNR-202L Setup Wizard'.

### Step 12

Setup is complete. Make a note of the details presented and click on **Go to NVR** to log in to the NVR for further configuration (see "**Using the Configuration Interface**" on page 32) or click **Finish**.

The screenshot shows the 'Summary' screen. At the top, there's a navigation bar with links: Troubleshooting | Support | NVR Applications | Manual | Quick Guide | About. Below the title 'Summary', there's a progress indicator with 10 dots, the 10th of which is filled. The main text says: 'Your NVR now is ready to go! Please remember the following information for future use and click on "GO TO NVR" to log in to the NVR for further configuration or click "FINISH".' Below this, there's a table with configuration details: 

|         |                                 |           |
|---------|---------------------------------|-----------|
| NVR     | Password: 111111                |           |
| mydlink | Email: daniel.p.dlink@gmail.com | Password: |
| Cameras | DCS-5010L                       |           |

 At the bottom, there are two buttons: 'GO TO NVR' and 'FINISH'. The footer shows the D-Link logo and 'DNR-202L Setup Wizard'.

To add cameras after initial setup, refer to "**Camera Search**" on page 58.

## HDD Viewer Software Installation

Your DNR-202L comes with a convenient application to assist you in managing your recorded video. This section will guide you through the simple setup procedure, and the interface of the application.

### Step 1

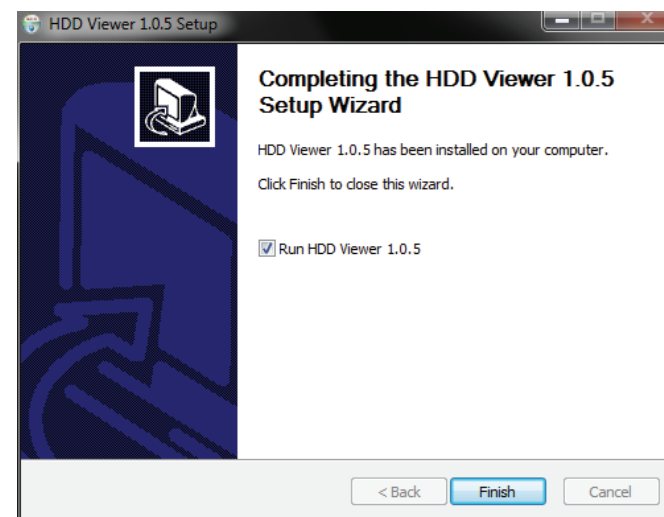
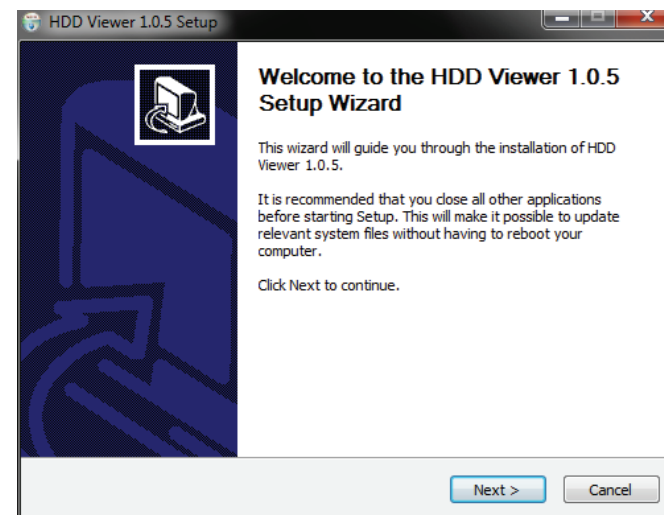
Attach the hard drive containing the DNR-202L recordings you wish to view.

### Step 2

Insert the DNR-202L Driver CD in the CD-ROM drive. Navigate to the **D:\HddViewer** folder (where D: represents the drive letter of your CD-ROM drive) and double click on the setup program to begin the installation.

### Step 3

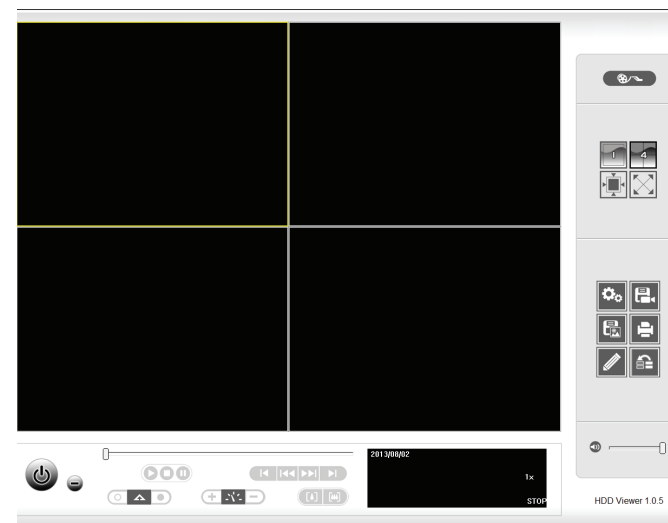
Follow the on-screen prompts and click **Finish** to complete the installation.



## HDD Viewer Software Interface

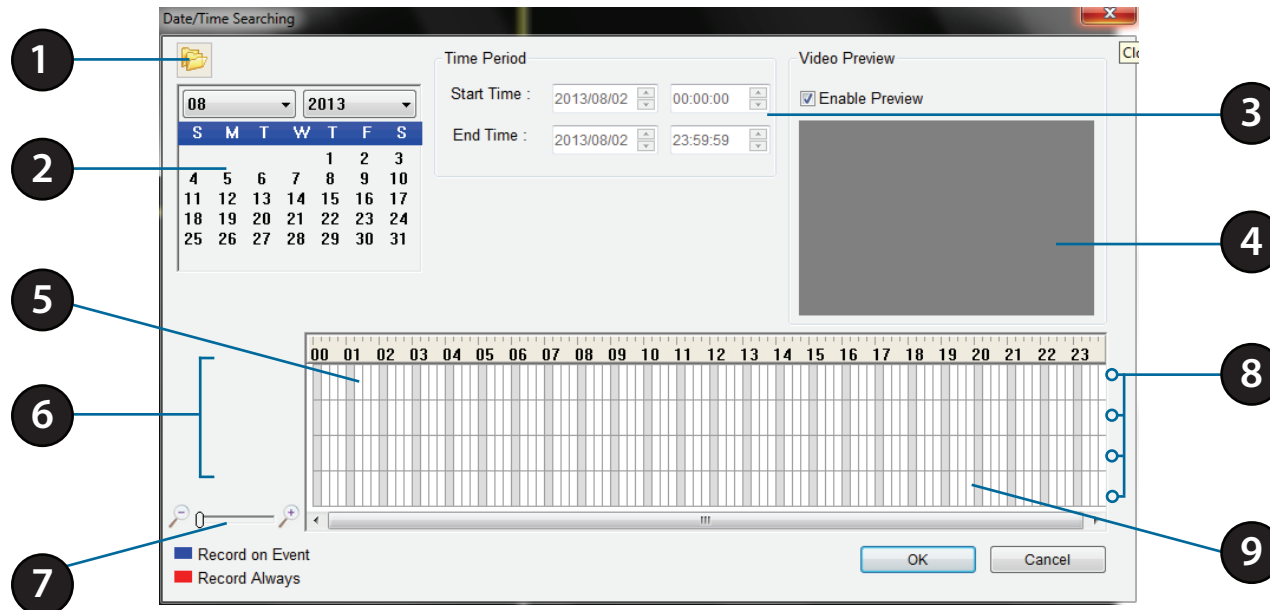
The HDD-Viewer application enables you to view, search and, backup your recorded videos from a simple interface. The interface controls are described below. For advanced users refer to **"Playback" on page 37** for more details.

|                                                                                     |                                   |                                                                                                   |
|-------------------------------------------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------|
|    | <b>Open Recording Search Menu</b> | Use this button to show the Open Recording menu. See <b>"View Recording" on page 17</b> for more. |
|    | <b>Display Single feed</b>        | Use this button to switch to a single camera feed in the live video display area.                 |
|    | <b>Display 2 x 2 feed</b>         | Use this button to switch to a 2 x 2 camera feed in the live video display area.                  |
|    | <b>Actual Size</b>                | Use this button to display the recording in it's native resolution.                               |
|    | <b>Full Screen</b>                | Use this button to switch to a full screen view of the live video feed.                           |
|    | <b>On Screen Display Settings</b> | Use this button to configure the various settings for the on screen display.                      |
|    | <b>Save as AVI</b>                | Use this button to export the video as an AVI file.                                               |
|    | <b>Print Image</b>                | Use option this to print a still image.                                                           |
|  | <b>Save as Image</b>              | Use this option to save a still image.                                                            |
|  | <b>Image Enhancement</b>          | Use this option to apply image enhancements.                                                      |
|  | <b>Backup Data</b>                | Use this option to make a backup your video recordings.                                           |
|  | <b>Volume</b>                     | Use the slider to adjust the playback volume.                                                     |
|  | <b>Close Application</b>          | Use this button to close the application.                                                         |
|  | <b>Minimize Application</b>       | Use this button to minimize the application.                                                      |



## View Recording

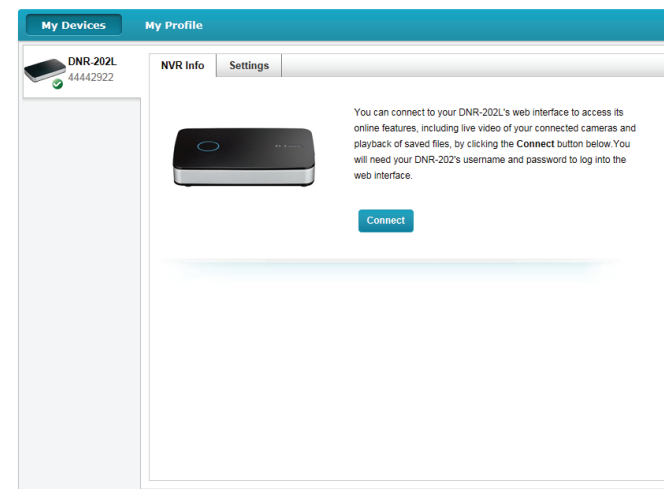
Click a highlighted date on the calendar to access the Date-Time Panel and select the video recordings which you would like to review.



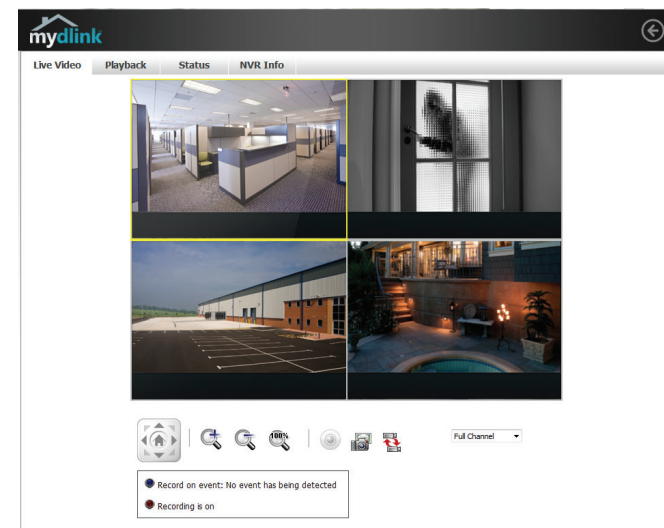
|   |                             |                                                                                                                                            |
|---|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | <b>Select Folder</b>        | Use this button to navigate to your video recordings folder. Recordings are stored under the "avdata" folder on your HDD.                  |
| 2 | <b>Date Selection Area</b>  | Select the year, month, and day of the recording you wish to view. Dates with recordings available for playback are highlighted in blue.   |
| 3 | <b>Time Range Selection</b> | Select a beginning and end time for the recording you wish to view.                                                                        |
| 4 | <b>Video Preview</b>        | When Enable Preview is checked, this area will display a preview.                                                                          |
| 5 | <b>Timeline</b>             | This timeline will adjust according to the level of zoom selected.                                                                         |
| 6 | <b>Available Streams</b>    | This area lists the recording devices available.                                                                                           |
| 7 | <b>Zoom Slider</b>          | Use the zoom slider control to zoom in and out of the timeline.                                                                            |
| 8 | <b>Available Recordings</b> | Recordings are graphed below the timeline. Blue bars indicate an event was recorded. Red bars indicate the camera is set to always record. |
| 9 | <b>Selected Period</b>      | Click within the timeline to select a recording period.                                                                                    |

# mydlink Portal

After registering your NVR with a mydlink account in the NVR Setup Wizard, you will be able to remotely access your NVR from the **www.mydlink.com** website. After you log in to your mydlink account, you will be taken to the My Devices page.



To connect to your NVR click on the **Connect** button and provide your password to complete the login process. After you have connected to the NVR, you will be taken to the Live Video page. (Refer to "**Live Video**" on page 21)



## NVR Status Icons

Here, you can see the online status of each of your NVRs. Your online status may be one of the following:



A green checkmark indicates that your NVR is online and ready to use.



A yellow exclamation point indicates that your NVR is online, but the NVR password has changed. You will need to enter your new NVR password to access your NVR again.



A red cross indicates that your NVR is offline and currently cannot be accessed remotely.

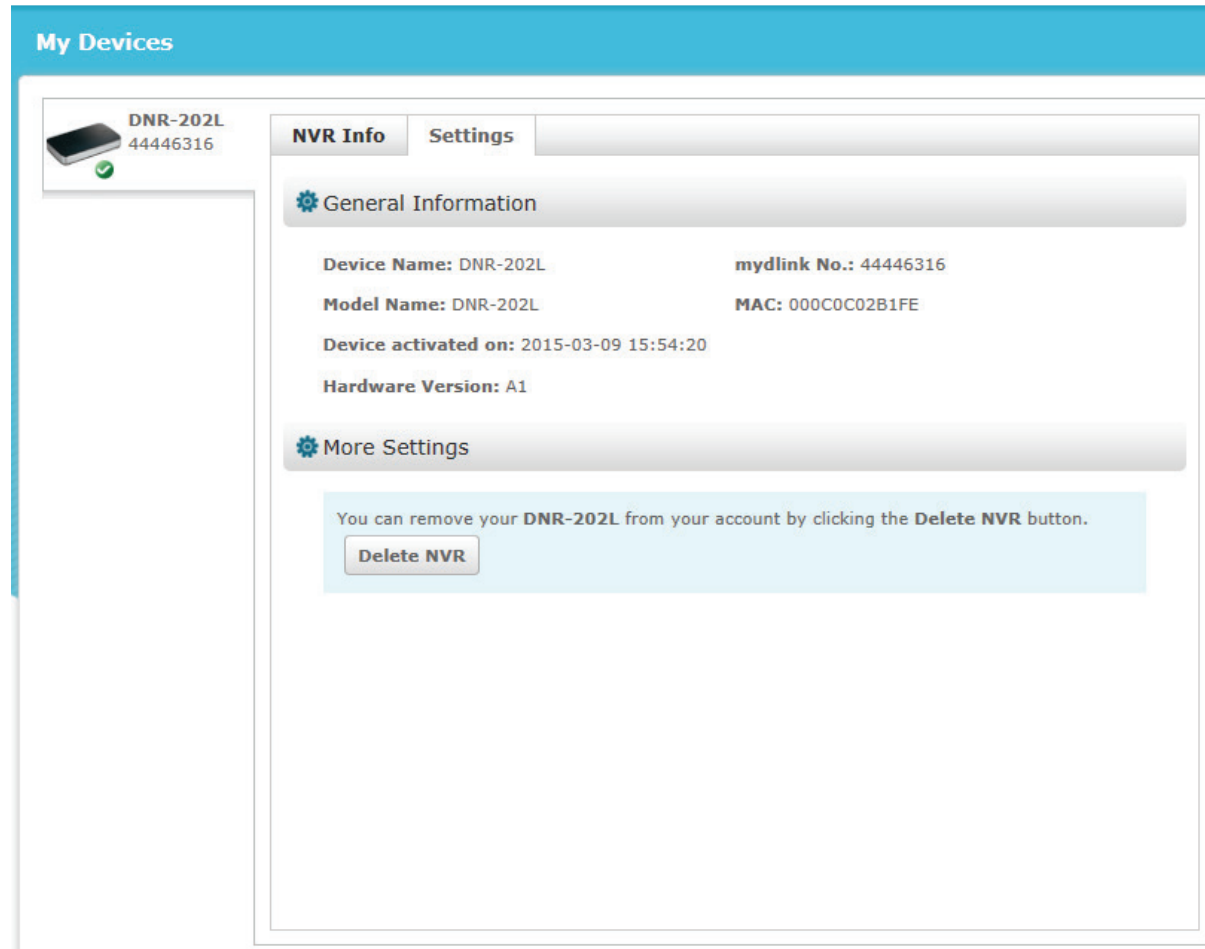
If your NVR is offline, try the following:

- Check to make sure that the Internet connection to your NVR is working properly.
- Try restarting your Internet router.
- Check your NVR's cable connections and make sure they are secure.
- Check to make sure that the LED on your NVR is lit solid blue.

If you still cannot access your NVR, reset your NVR and run the NVR Setup Wizard again from the CD-ROM included in your package.

# Settings

On the Settings tab you can see a general summary of your NVR.



If you wish to remove your NVR from your mydlink account click on the **Delete NVR** button and provide your password to complete the action.

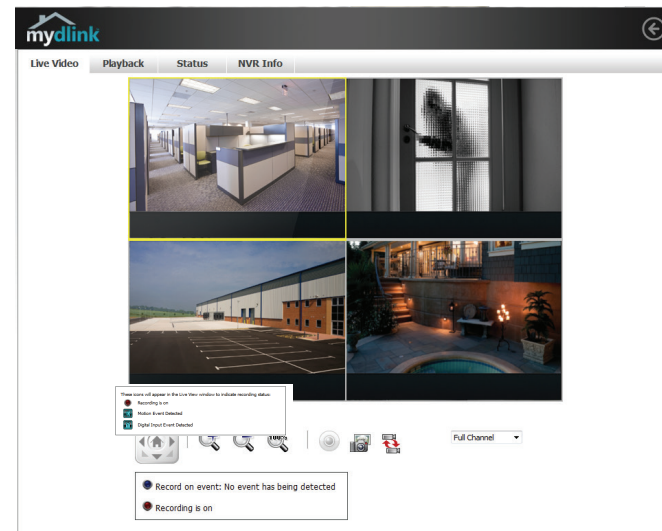
## Live Video

After you have connected to your NVR, the Live Video tab will be selected by default and will display the Live Video feed. You can choose a different camera from the drop-down list, or you can choose to view all the available channels.

A notice is displayed below the controls if any events have been recorded, or if the NVR is currently recording.

The available controls are detailed below.

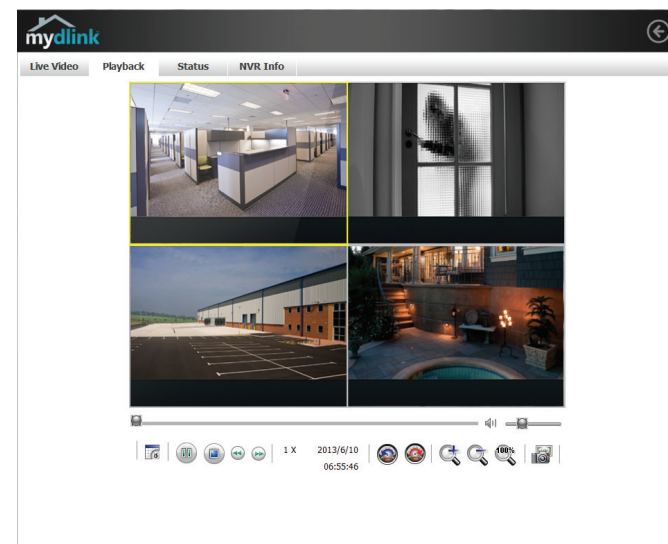
|                                                                                     |                      |                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <b>Control Pad</b>   | This control pad can be used to pan, tilt, and zoom (PTZ) a dome camera, or electronically pan, tilt, and zoom (PTZ) within the camera's predefined view area, if one has been defined. |
|    | <b>Zoom Control</b>  | Use the + and - buttons to zoom in or out.                                                                                                                                              |
|    | <b>Actual Size</b>   | Use this control to view video in it's native resolution.                                                                                                                               |
|   | <b>Record</b>        | Use this control to toggle recording.                                                                                                                                                   |
|  | <b>Save to Image</b> | Use this option to save a snapshot image.                                                                                                                                               |
|  | <b>Auto Scan</b>     | Use this option to view each camera feed one at a time. Select the camera you wish to view from the drop-down list.                                                                     |



# Playback

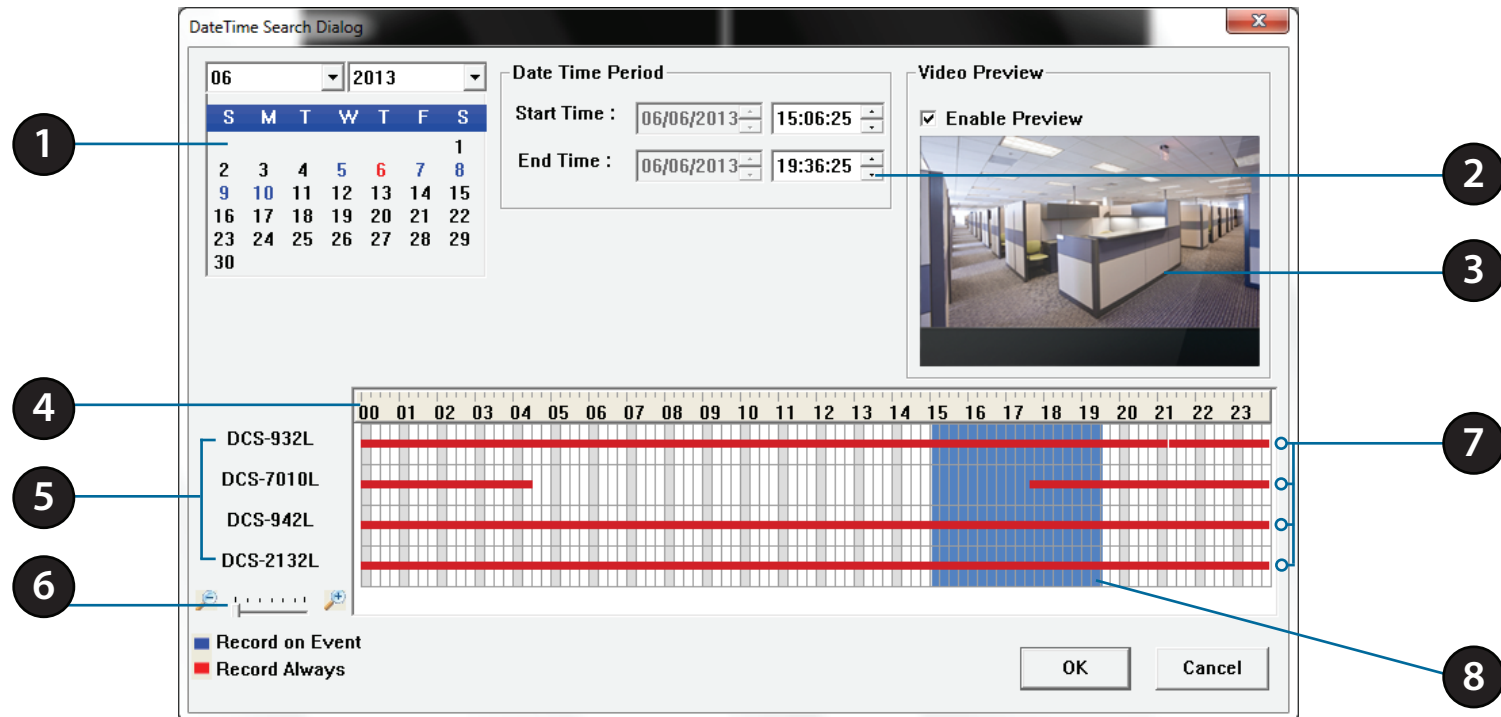
The Playback tab enables the user to review pre-recorded video. The available playback controls are detailed below.

|                                                                                     |                          |                                                                                                           |
|-------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------|
|    | <b>Playback Seeker</b>   | Use the playback seeker to quickly jump to a specific point in the recording.                             |
|    | <b>Volume Control</b>    | Adjust the slider to increase or decrease the audio volume.                                               |
|    | <b>Open Recording</b>    | Click on this control to open the saved recordings search dialog. See <b>"View Recording" on page 17.</b> |
|    | <b>Pause Playback</b>    | Use this control to pause the current playback.                                                           |
|    | <b>Stop Playback</b>     | Use this control to stop the current playback.                                                            |
|    | <b>Step Back/Forward</b> | Use these controls to pause playback and either step back one frame or advance forward by one frame.      |
|    | <b>Speed Down/Up</b>     | Use these controls to slow down or speed up the playback.                                                 |
|    | <b>Zoom Control</b>      | Use the + and - buttons to zoom in or out.                                                                |
|  | <b>Actual Size</b>       | Use this control to view video in it's native resolution.                                                 |
|  | <b>Save to Image</b>     | Use this option to save a snapshot image.                                                                 |



## View Recording

Click a highlighted date in the calendar to access the Date-Time Panel and select the video recordings which you would like to review.



|   |                             |                                                                                                                                            |
|---|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | <b>Date Selection Area</b>  | Select the year, month and day of the recording you wish to view. Dates with recordings available for playback are highlighted blue.       |
| 2 | <b>Time Range Selection</b> | Select a beginning and end time for the recording you wish to view.                                                                        |
| 3 | <b>Video Preview</b>        | When Enable Preview is checked, this area will display a preview.                                                                          |
| 4 | <b>Timeline</b>             | This timeline will adjust according to the level of zoom selected.                                                                         |
| 5 | <b>Available Streams</b>    | This area lists the recording devices available.                                                                                           |
| 6 | <b>Zoom Slider</b>          | Use the zoom slider control to zoom in and out of the timeline.                                                                            |
| 7 | <b>Available Recordings</b> | Recordings are graphed below the timeline. Blue bars indicate an event was recorded. Red bars indicate the camera is set to always record. |
| 8 | <b>Selected Period</b>      | Click within the timeline to select a recording period.                                                                                    |

## Status

The Status tab describes both USB storage and cameras connected to the NVR.

**Name:** This shows the name given to the USB storage device attached to the USB 1 or USB 2 port.

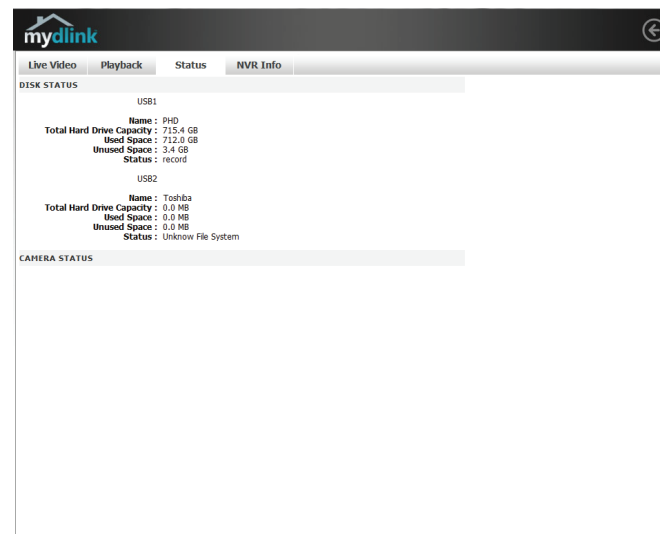
**Total Hard Drive Capacity:** This shows the total amount of storage space available on the USB storage device attached to the USB 1 or USB 2 Port.

**Used Space:** This shows the used storage space of the USB storage device attached to the USB 1 or USB 2 Port.

**Unused Space:** This shows the amount of space available for recording on the USB storage device attached to the USB 1 or USB 2 Port.

**Status:** This shows if the USB storage device attached to the USB 1 or USB 2 port is currently being recorded to.

**Camera Status:** Clicking on the Camera Status button allows you to access your individual cameras' status information.



# NVR Info

The NVR Info tab shows you various information about your NVR.

**NVR Name:** The Device Name is a unique name that can help you to identify the NVR. Clicking on the Device Name will open a window for you to login to your NVR’s configuration interface.

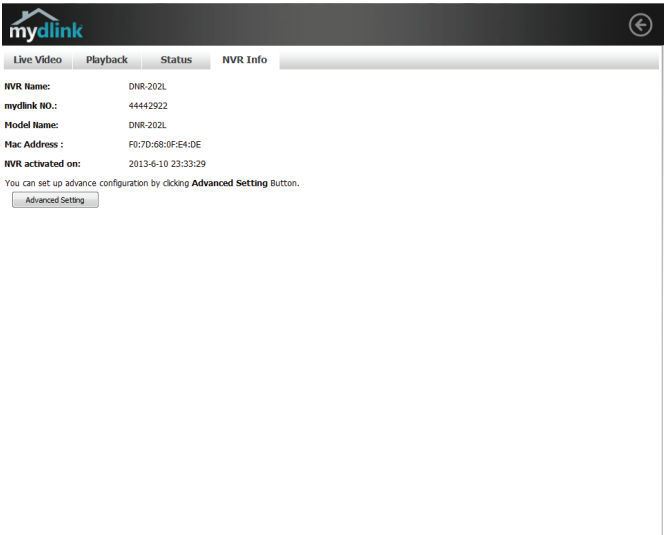
**mydlink No.:** Displays the mydlink number of your device.

**Model Name:** Displays the model name of your device.

**MAC Address:** Displays the MAC address of your device.

**NVR activated on:** Displays the time and date that your device was added to mydlink.

**Advanced Settings:** Clicking on the **Advanced Settings** button allows you to access your NVR’s configuration interface. To open your NVR’s configuration interface, select the NVR web page and enter the password.



## mydlink View - NVR App

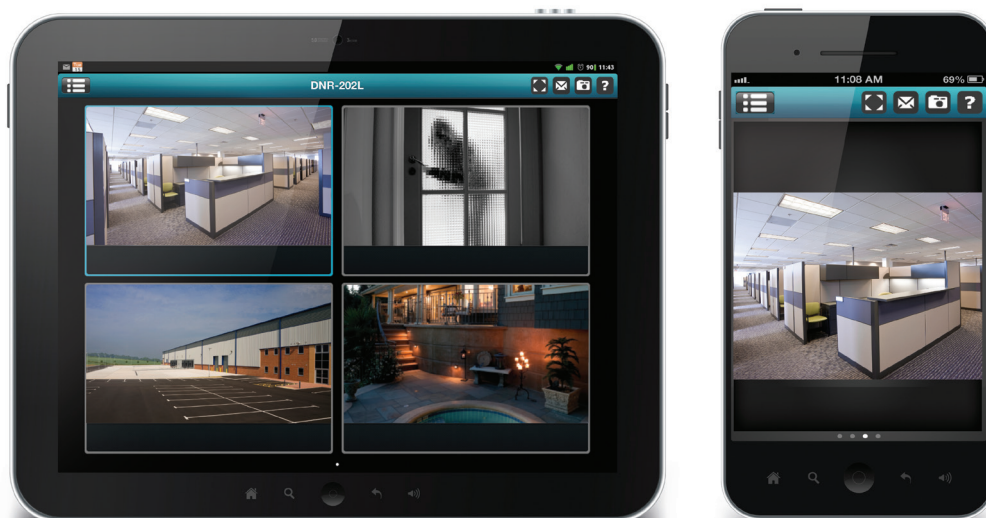
Search for “mydlink View - NVR ”to download and install the app on your smartphone or tablet when connected to the Internet.



mydlink View - NVR app requires: iOS version 5.1.1 or above or Android version 4.01 or above.

Once the download has been completed, launch the “mydlink View - NVR” app and log in to your mydlink account. Select your DNR-202L from the device list to access the live video from the connected cameras.

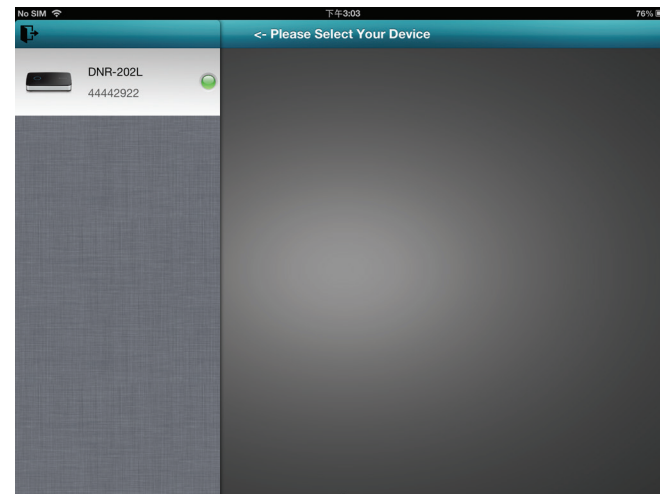
Now you can remotely access the live video, playback recorded videos, and manually enable or disable recording.



## First Use - Select Your Device

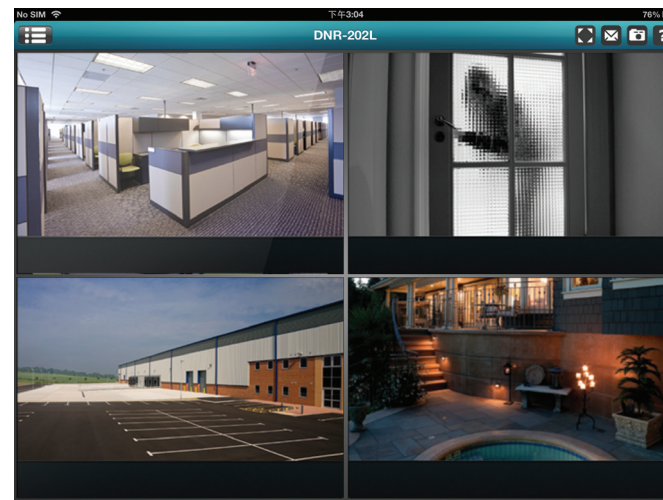
Before using the mydlink View - NVR app for the first time, please ensure to add your DNR-202L to your mydlink account first.

After starting the mydlink View - NVR app, your DNR-202L will be displayed in the My Device list. The app will connect to your DNR-202L, and you can then view live video and playback from your recordings archive via your device.



## Live View

Tap on the DNR-202L icon and the mydlink View-NVR will access the Live video panel.

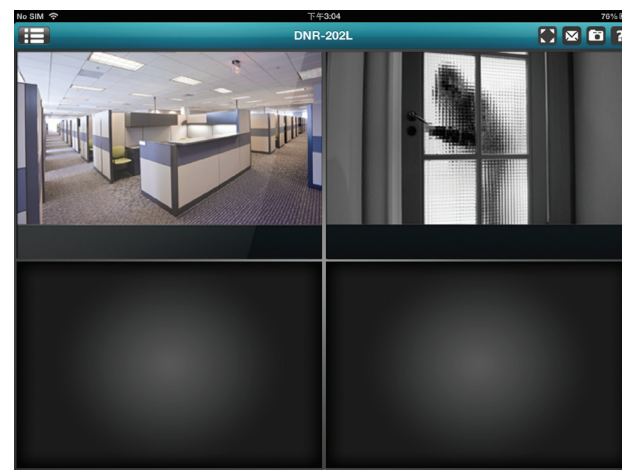


### iPhone/iPod touch Grid View

On an iPhone or an iPod touch, mydlink View-NVR can display the Device List of your mydlink account on the main screen. Tap on your DNR-202L to enter the 4-grid view.

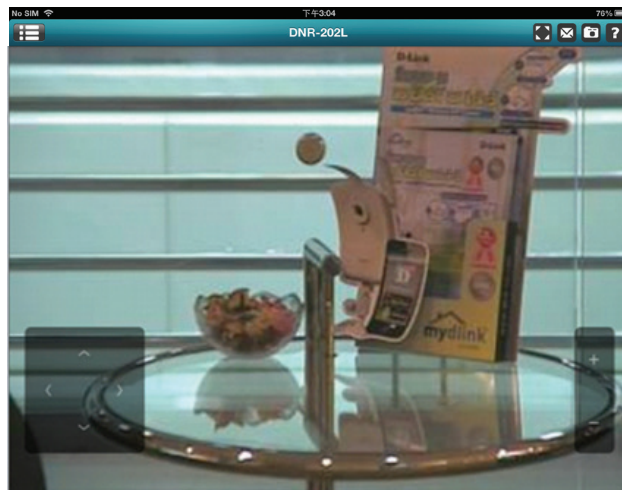
### iPad Grid View

On an iPad, mydlink View-NVR can expand and shrink the Device List of your mydlink account at the left-hand side of the panel. Tap on your DNR-202L to enter the live video view. Double-tap on one of the channels to start a single-channel live video. Double-tap again to return back to the grid view.



### Channel selection

- In single channel mode, users can swipe through the video channels to see the previous or the next video channel of the cameras connected to the DNR-202L.
- Double-tap on one of the channels to select a single-channel live video stream.
- Tap on the “My Device” button to return to the Device List of your mydlink account.



Pan Tilt Zoom (PTZ)

To access PTZ controls, use a two finger tap while streaming a single channel video stream and the PTZ control panel will appear.

Use a two finger tap on the video stream again to disable the PTZ control panel.

|   |                  |                                                                 |
|---|------------------|-----------------------------------------------------------------|
| 1 | Pan Tilt Control | Tap on the directional arrows to Pan and Tilt the camera        |
| 2 | Zoom Control     | Tap the plus or minus button to zoom the camera focus in or out |

**Note:** The PTZ control function must be enabled on the camera connected to the DNR-202L in order for mydlink View-NVR to control the PTZ function. See **"Live Video" on page 33** for more information.

Video Stretch

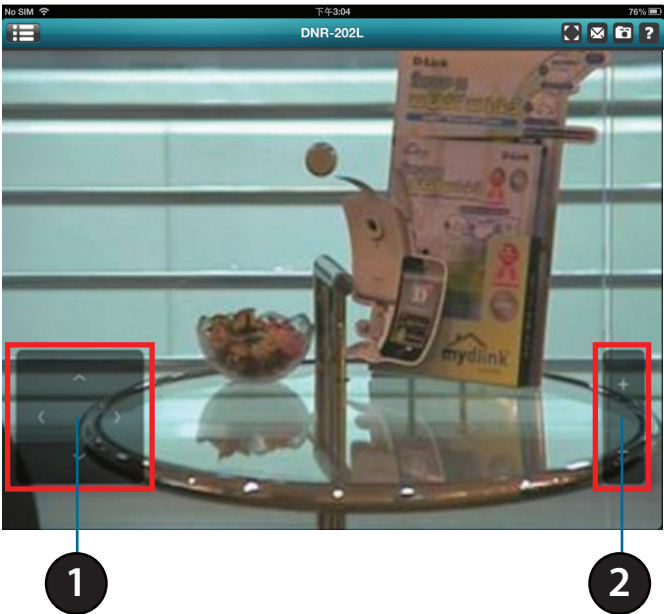
In live view or playback archive mode, you can tap on the video stretch button (📐) to stretch the video to full screen. Tap the button again to disable stretch.

**Note:** This function may alter the aspect ratio of the video stream.

Snapshot

While streaming a single channel, tap the Snapshot button (📷) to capture a snapshot. The image will be saved to the device's picture storage area. While viewing video in grid view, tap the Snapshot button (📷) to take snapshots of all the channels. The images will be saved to the device's camera roll.

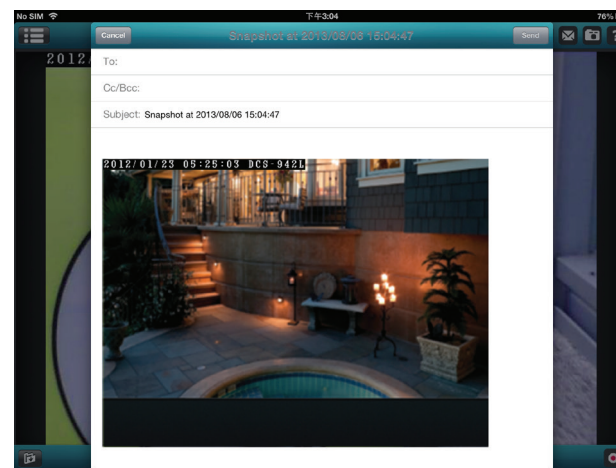
**Note:** The saved snapshot will be at the original resolution of the IP camera video.



## E-Mail

While streaming a single-channel video, tap the e-mail button (✉) to capture a snapshot and insert it into an e-mail. Complete the **To**, **Cc/Bcc** fields as required and click **Send** to send the e-mail with snapshot attached or click **Cancel** to cancel the operation.

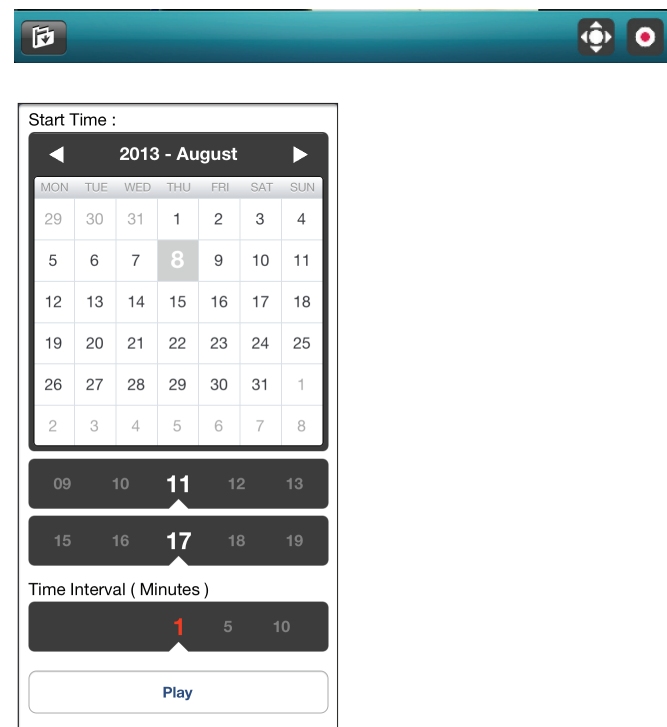
While viewing in grid view, tap the e-mail button (✉) to capture a snapshot of all the channels and insert all the snapshots into a single e-mail. Complete the **To**, **Cc/Bcc** fields as required and tap **Send** to send the e-mail with snapshot attached or tap **Cancel** to cancel the operation.



## Video Playback

The video playback function is only available in single view mode. Tap the open recording button (📺) while in single channel mode to bring up the playback selection panel.

Use the playback selection panel to scroll through your video recordings archive. Scroll to the date and time you wish to playback, and tap **Play**.



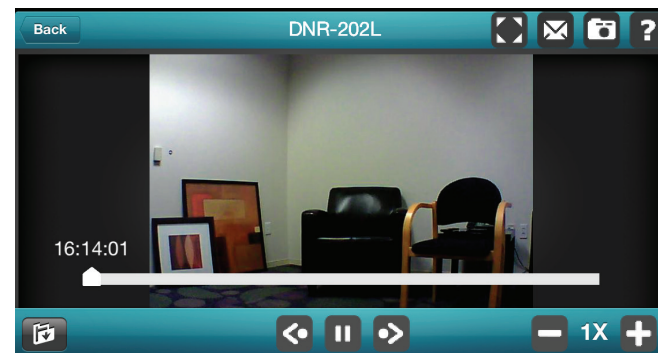
## Video Playback Control

While the video recording is playing in single view mode, tap the playback control button (◀ ▶) to control the direction of the video playback.

The control buttons are:

- Step backward for 1 Second (◀)
- Play/pause toggle (⏸)
- Step forward for 1 Second (▶)

Use the speed panel (– 32X +) to control the speed of video playback from x1 through to x32 speed.



**Note:** The quality of display performance will vary according to network bandwidth availability.

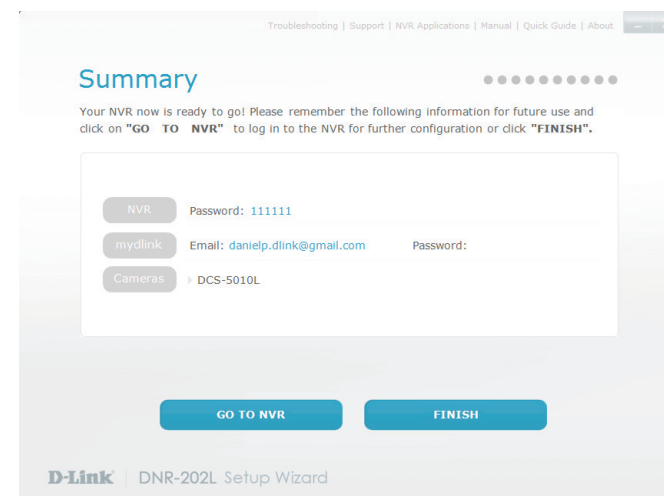
# Configuration

## Using the Configuration Interface

After completing the Setup Wizard, you are ready to use your NVR. The NVR's built-in web configuration utility is designed to allow you to easily access and configure your DNR-202L. At the end of the wizard, click **Go to NVR**, or enter the IP address of your NVR into a web browser, such as Internet Explorer. To log in, use the username **admin** and the password you created in the Setup Wizard. If you did not create a password, the default password is blank. After entering your password, click **OK**.

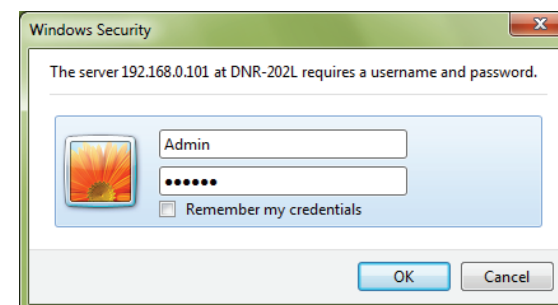
### Step 1

Click **Go to NVR** to continue to the NVR web configuration page.



### Step 2

Enter your NVR credentials to access the configuration interface.



## Live Video

This section shows the NVR's live video feeds. You may select any of the available icons listed below to operate the camera.



|   |                        |                                                                                                                                                       |
|---|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | <b>Wizard</b>          | Click this icon to start the NVR Setup Wizard.                                                                                                        |
| 2 | <b>Settings</b>        | This takes you to the advanced settings page where you can manually customize your NVR's network, camera, schedule, events, and maintenance settings. |
| 3 | <b>Camera Search</b>   | This takes you the camera settings page, where you can add cameras and customize your camera settings.                                                |
| 4 | <b>Help</b>            | This takes you to the help section in the UI.                                                                                                         |
| 5 | <b>Channel Windows</b> | You can drag to reposition camera streams or double-click to view one stream. The selected video stream will be marked with a red border.             |
| 6 | <b>Viewing Modes</b>   | Switch between viewing a single camera feed or four camera feeds.                                                                                     |

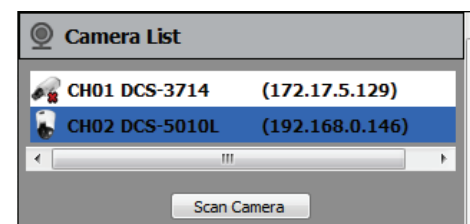
|    |                      |                                                                                                                                                            |
|----|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7  | <b>Full Screen</b>   | Select to display the video on full screen. Press the ESC button on the keyboard to return to normal view.                                                 |
| 8  | <b>Auto Scan</b>     | Activate auto scan to cycle through the channels/cameras on the display.                                                                                   |
| 9  | <b>Actual Size</b>   | Switch the video to the actual size or fill the window.                                                                                                    |
| 10 | <b>OSD</b>           | Display the information on the video.                                                                                                                      |
| 11 | <b>Snapshot</b>      | Click this icon to take a snapshot of the active stream.                                                                                                   |
| 12 | <b>Manual Record</b> | Click to enable or disable recording manually.                                                                                                             |
| 13 | <b>Audio</b>         | Click to enable or disable audio from the selected camera's microphone (if camera supports audio). When enabled, you can adjust the volume via the slider. |
| 14 | <b>Live/Playback</b> | Switch between the Live View and the Playback pages.                                                                                                       |
| 15 | <b>Log In/Out</b>    | Click this to log in or out of the NVR.                                                                                                                    |
| 16 | <b>Info Sections</b> | This section contains various detailed information about the NVR. You can collapse or restore each section for viewing by clicking on the title bar.       |

### Notes:

- Snapshot: Right-click on the video and select the snapshot function to capture an image immediately.
- Right-clicking on the video will show the option to Switch to Full Screen. Press the ESC button on the keyboard to return to normal view.
- Swap: Right-click on the video and select a channel under Swap to display a different video channel in that window.

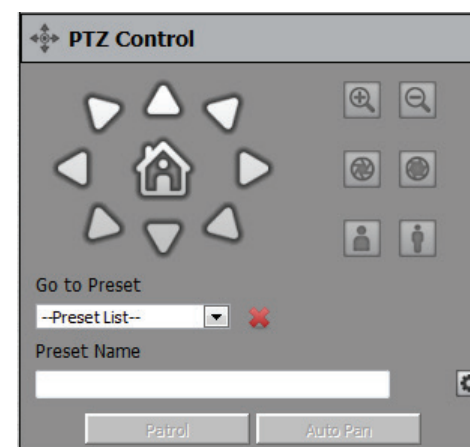
### Camera List:

The camera list section displays a list of the currently attached cameras. Select a camera from the camera list on the right and then drag it to the window where you want it to be displayed. Click **Scan Camera** to update the list of connected cameras.



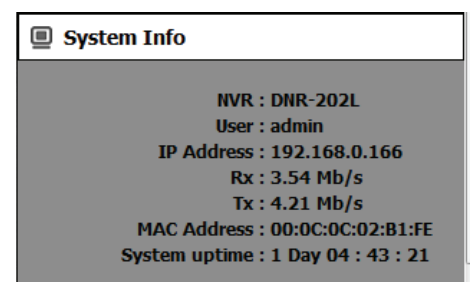
### PTZ Control:

|                     |                          |                                                                                                                                                                                         |
|---------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     | <b>Control Pad</b>       | This control pad can be used to pan, tilt, and zoom (PTZ) a dome camera, or electronically pan, tilt, and zoom (PTZ) within the camera's predefined view area, if one has been defined. |
|                     | <b>Zoom Control</b>      | Use the + and - buttons to zoom in or out.                                                                                                                                              |
|                     | <b>Auto/Manual Focus</b> | Use this control to choose between automatic and manual focus control.                                                                                                                  |
|                     | <b>Focus Near/Far</b>    | Use this control to choose between far or near focus.                                                                                                                                   |
| <b>Go to Preset</b> |                          | Select a preset from the drop-down list to apply it to the camera.                                                                                                                      |
| <b>Preset Name</b>  |                          | Enter a name for the selected Preset.                                                                                                                                                   |
|                     | <b>Set as Preset</b>     | Click to apply the selected Preset. Once you have set a preset, you can enable Patrol and Auto Pan modes.                                                                               |



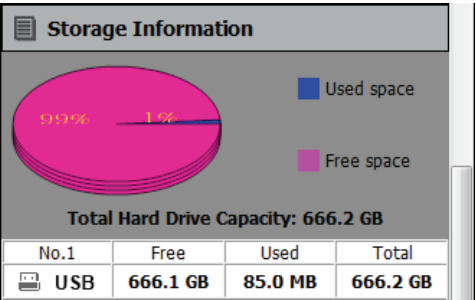
### System Information:

The system information section displays basic statistics and details about the NVR server. Click on the title bar to collapse this section.



**Storage Information:**

The storage information section displays details of free space and used space on the attached USB hard drive.



**Log:**

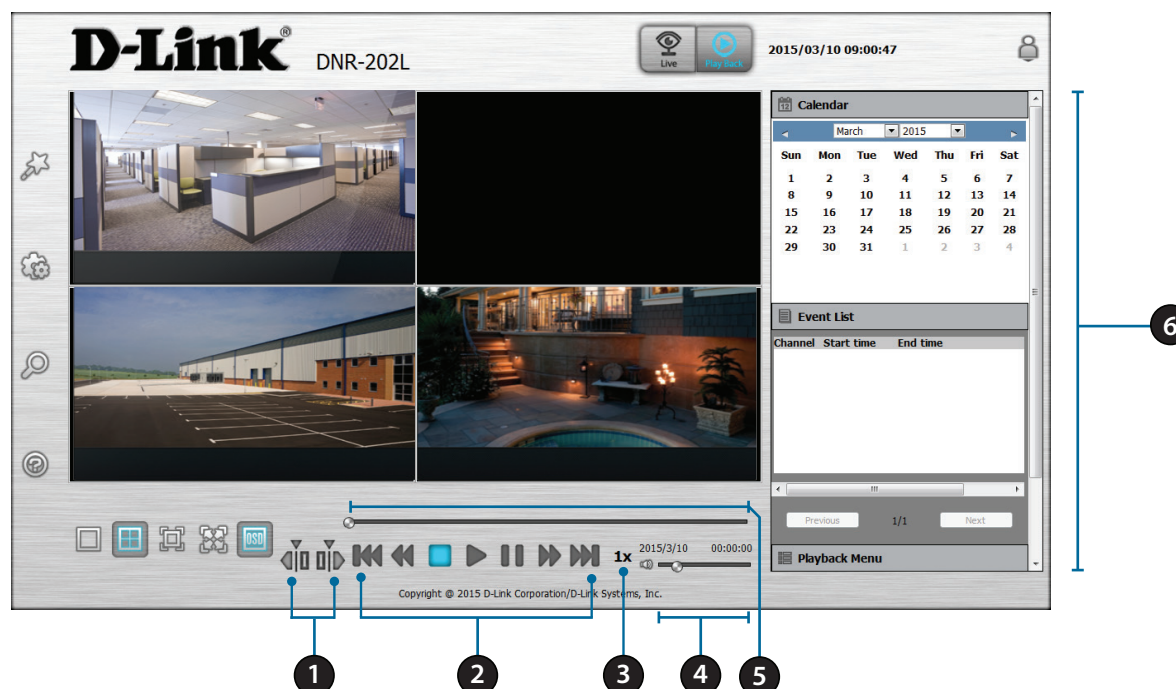
The log section displays detailed messages about your System, NVR, and Events. Click the respective dial to isolate the category and click **Previous** or **Next** to navigate between pages.

The screenshot shows the 'Log' section with three tabs: 'System' (selected), 'NVR', and 'Event'. It displays a list of log entries with columns for Date, Time, and Info. At the bottom, there are navigation buttons: 'Previous', '1/5', and 'Next'.

| Date       | Time     | Info                           |
|------------|----------|--------------------------------|
| 2015/03/10 | 08:27:20 | usb mounted successfully.      |
| 2015/03/10 | 08:27:06 | usb format.                    |
| 2015/03/10 | 08:24:43 | admin login Ok from ::ffff:192 |
| 2015/03/10 | 08:23:36 | usb mounted successfully.      |
| 2015/03/10 | 08:23:20 | usb format.                    |
| 2015/03/10 | 07:32:05 | admin login Ok from ::ffff:172 |
| 2015/03/10 | 06:58:21 | admin login Ok from ::ffff:172 |
| 2015/03/10 | 06:29:36 | admin login Ok from ::ffff:192 |
| 2015/03/10 | 03:29:46 | admin login Ok from ::ffff:192 |
| 2015/03/10 | 03:14:29 | admin login Ok from ::ffff:192 |

# Playback

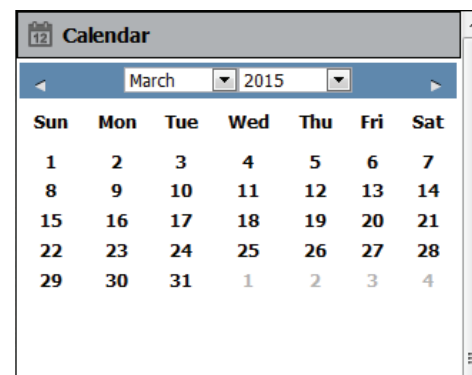
This section shows the NVR's recorded video feeds. You may select any of the available icons listed below to playback, adjust, and export the recorded video streams.



|   |                          |                                                                                                                                                                                |
|---|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | <b>Cue In/Out</b>        | Click these icons to set cue in and cue out points. Indicators will show on the seek bar.                                                                                      |
| 2 | <b>Playback Controls</b> | These buttons allow you to Step Backward, Rewind, Play, Pause, Speed Up, and Step Forward the video. Click Rewind or Speed Up more than once to increase the rate of playback. |
| 3 | <b>Playback Speed</b>    | This is the current speed of playback, either forward or in reverse.                                                                                                           |
| 4 | <b>Volume Bar</b>        | Click on the speaker icon to mute/unmute and use the bar to adjust the volume.                                                                                                 |
| 5 | <b>Seek Bar</b>          | You can drag on the bar to jump to any point in the video for playback.                                                                                                        |
| 6 | <b>Info Sections</b>     | You can see details of recordings in the Calendar, Event List, and Playback Menu sections.                                                                                     |

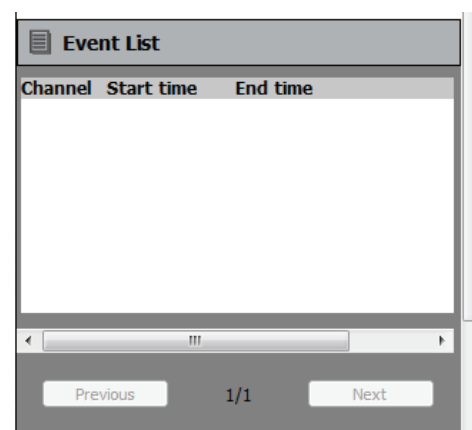
### Calendar:

The calendar displays days when recordings were made, as indicated by a highlight. You can navigate to the day, month, and year of your choice. Clicking on a highlighted date will open the View Recorded Files window.



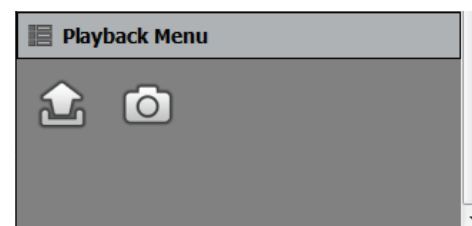
### Event List:

The system information section displays basic statistics and details about the NVR server. Click on the title bar to collapse this section.



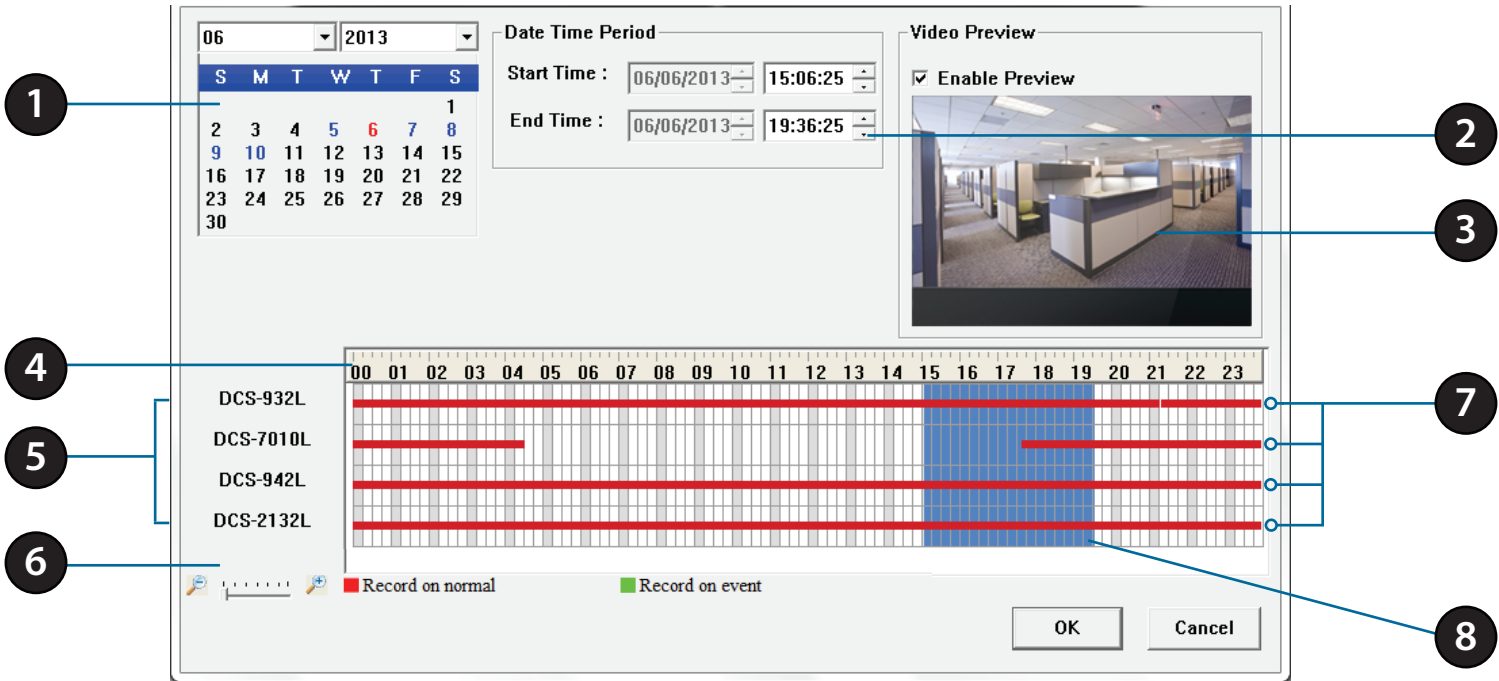
### Playback Menu:

|                                                                                     |                     |                                                                       |
|-------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------------------------|
|  | <b>Video Export</b> | Click this to open the video export menu to save the video to a file. |
|  | <b>Snapshot</b>     | Click to capture an image of the current video stream and save it.    |



# Searching Recordings

Click a date to access the View Recorded Files panel and select the video records which you would like to review.



|   |                       |                                                                                                                                            |
|---|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Date Selection Area   | Select the year, month and day of the recording you wish to view. Dates with recordings available for playback are highlighted.            |
| 2 | Time Period Selection | Select a beginning and end time for the recording you wish to view.                                                                        |
| 3 | Video Preview         | When <b>Enable Preview</b> is checked, this area will display a preview.                                                                   |
| 4 | Timeline              | This timeline will adjust according to the level of zoom selected.                                                                         |
| 5 | Available Streams     | This area lists the recording devices available.                                                                                           |
| 6 | Zoom Slider           | Use the zoom slider control to zoom in and out of the timeline.                                                                            |
| 7 | Available Recordings  | Recordings are graphed below the timeline. Blue bars indicate an event was recorded. Red bars indicate the camera is set to always record. |
| 8 | Selected Period       | Click within the timeline to select a recording period.                                                                                    |

**Step 1:** From the **Date Selection** area at the top left of the **Date Time** panel, select the date you would like to search for the recording. The dates highlighted on the timetable indicate available recorded video records.

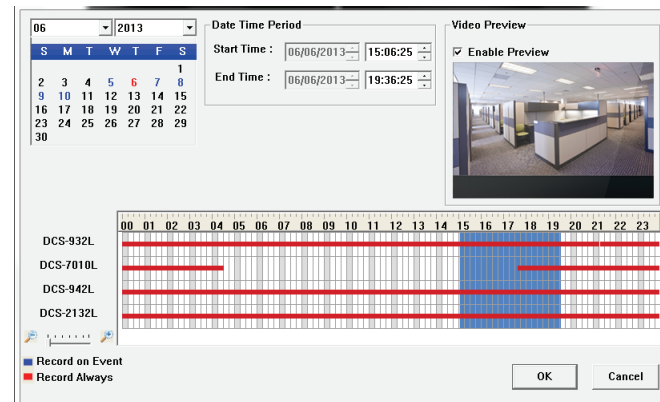
**Step 2:** Colored bars shown in the timeline area differentiate recording types from each other. This will help you select video clips.

**Step 3:** Select a time period using the **Start Time** and **End Time** in the **Date Time Period** section. Alternatively, select a range from the timeline.

**Step 4:** Select the **Enable Preview** option to get a preview of the video you select.

**Step 5:** Highlight the video clip(s) you would like to review by left-clicking and dragging the time period in the timeline area. The scale of the timeline can be modified using the icon at the bottom left corner.

**Step 6:** Click the **OK** button to begin playback.



## Save Recording to AVI

After selecting a recording following the steps outlined in "**View Recording**" on page 17, users can export the video in AVI format.

**Step 1:** During playback, users can choose the camera from which they would like to save a video clip.



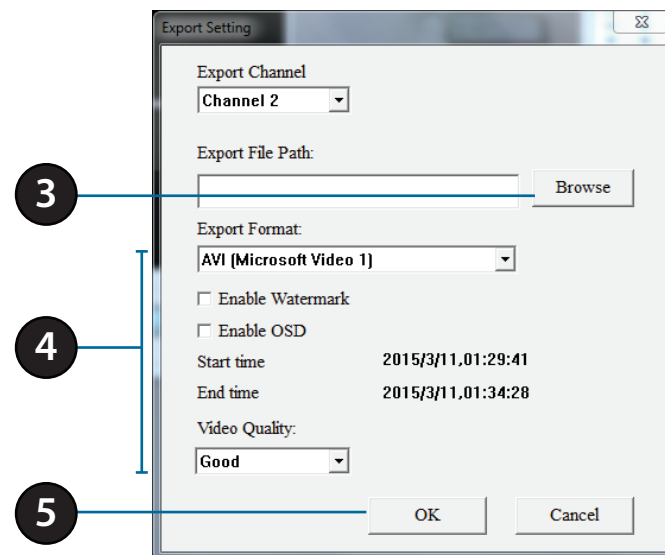
**Step 2:** Set the cue in and cue out points; the cue in and cue out time will be shown on the information window. Then click the **Video Export** button.



**Step 3:** Click **Browse** and choose the folder where you would like to save the file.

**Step 4:** Select the export options.

**Step 5:** Click the **OK** button.



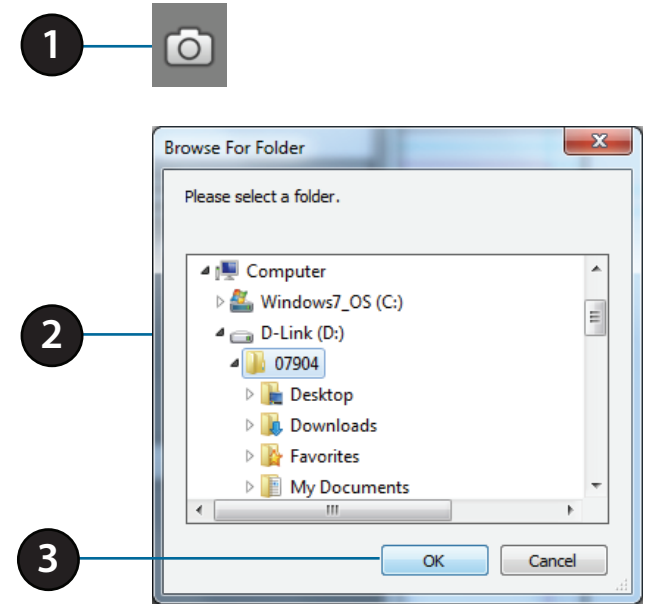
## Save Snapshot

During playback, users can choose to save an image from a selected camera.

**Step 1:** Click the **Snapshot** button when the desired image is shown on the screen.

**Step 2:** Choose the folder to save the file in.

**Step 3:** Click **OK** to save the image to that location.



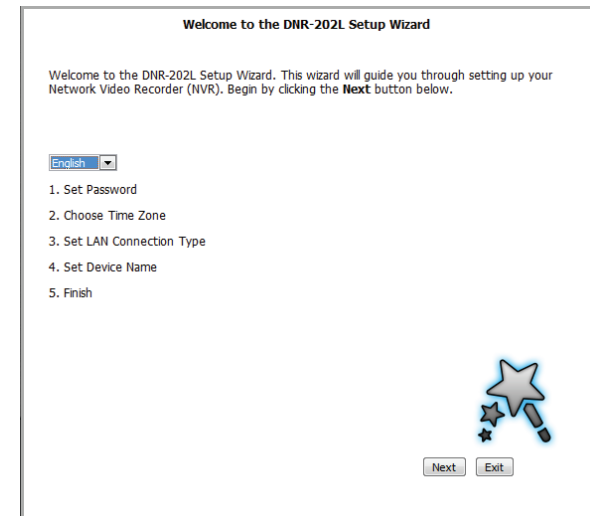
# Setup Wizard

Use this tab if you want to follow the simple steps of the Setup Wizard.

Click the **Wizard** icon  to begin the Setup Wizard.

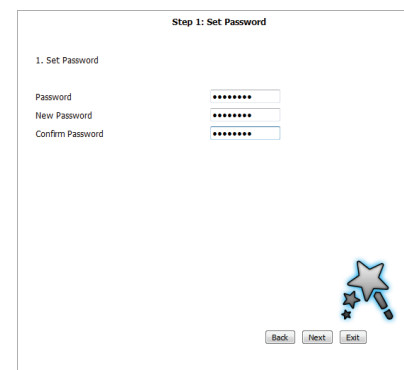


Click **Next** to begin the Setup Wizard.



### STEP 1: Choose a password for your device.

Click **Next** to continue.



Step 1: Set Password

1. Set Password

Password

New Password

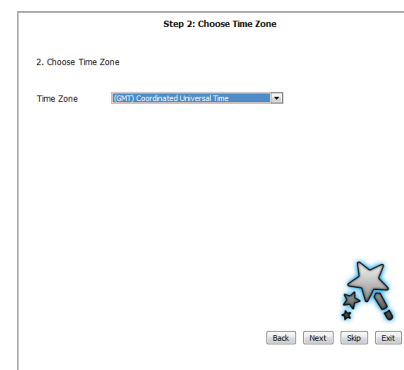
Confirm Password

Back Next Exit

This screenshot shows the 'Step 1: Set Password' configuration screen. It has three input fields for 'Password', 'New Password', and 'Confirm Password', each containing a series of asterisks. At the bottom right, there is a cartoon star character and three buttons: 'Back', 'Next', and 'Exit'.

### STEP 2: Choose your time zone from the drop-down menu.

Click **Next** to continue.



Step 2: Choose Time Zone

2. Choose Time Zone

Time Zone

Back Next Skip Exit

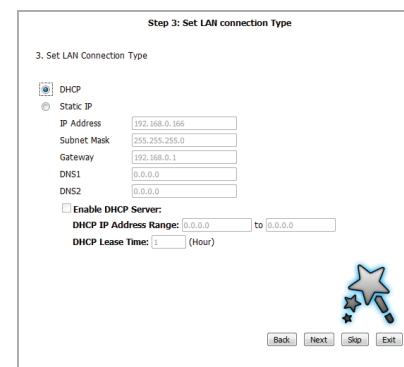
This screenshot shows the 'Step 2: Choose Time Zone' configuration screen. It features a 'Time Zone' label followed by a drop-down menu currently displaying 'UTC Coordinated Universal Time'. At the bottom right, there is a cartoon star character and four buttons: 'Back', 'Next', 'Skip', and 'Exit'.

### STEP 3: Choose your network connection type.

Select **Static IP** if your Internet Service Provider has provided you with connection settings, or if you wish to set a static address within your home network.

**Note:** Select **DHCP** if you are unsure of which settings to choose.

Click **Next** to continue.



Step 3: Set LAN connection Type

3. Set LAN Connection Type

☒ DHCP

☐ Static IP

IP Address

Subnet Mask

Gateway

DNS1

DNS2

☐ Enable DHCP Server:

DHCP IP Address Range:  to

DHCP Lease Time:  (Hour)

Back Next Skip Exit

This screenshot shows the 'Step 3: Set LAN connection Type' configuration screen. It has two radio buttons: 'DHCP' (which is selected) and 'Static IP'. Below the 'Static IP' option are input fields for 'IP Address', 'Subnet Mask', 'Gateway', 'DNS1', and 'DNS2'. Below these is an 'Enable DHCP Server' checkbox, and if checked, fields for 'DHCP IP Address Range' and 'DHCP Lease Time'. At the bottom right, there is a cartoon star character and four buttons: 'Back', 'Next', 'Skip', and 'Exit'.

**STEP 4:** Enter a name and description for your device.

Click **Next** to continue.

Step 4: Set Device Information

4. Set Device Name

Name

Description



**STEP 5:** Click **Finish** to complete the setup process.

Please wait a few moments while the DNR-202L saves your settings.

Step 5: Finish

5. Finish

Language : English

Name : DNR-202L

Description : DNR-202L

Time Zone : (GMT) Coordinated Universal Time

IP Address: DHCP



# Setup Network Setup

Click the Setup icon  to continue to configure advanced settings manually.

**DHCP:** Select this connection if you have a DHCP server running on your network and would like a dynamic IP address to be automatically updated to your NVR.

**Static IP:** You may obtain a static or fixed IP address and other network information from your network administrator for your NVR. A static IP address will simplify access to your NVR in the future.

**IP Address:** The static IP address.

**Subnet Mask:** The default value "255.255.255.0" is used to determine if the destination is in the same subnet.

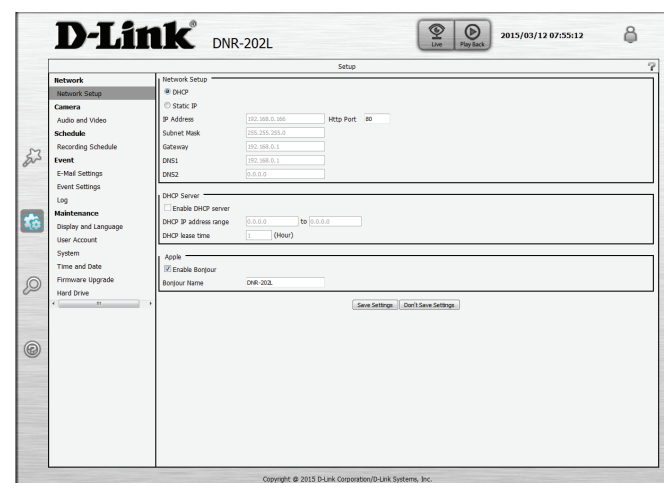
**Gateway IP Address:** The gateway forwards frames to destinations in a different subnet. Invalid gateway settings may cause the failure of transmissions to a different subnet.

**DNS1:** Primary domain name server that translates names to IP addresses.

**DNS2:** Secondary domain name server to backup the primary one.

**DHCP Server:** Under Static IP, enable or disable the DHCP server. If your network doesn't have a DHCP server, enable NVR DHCP server for easier local network setup. You can configure the DHCP IP address range and DHCP lease time manually.

**Apple:** Enable Bonjour for multicasting. You can customize the NVR name for identification by Bonjour services.



## Audio and Video

This section will allow you to configure and modify the audio and video parameters for each camera.

**Step 1:** Select the camera which you would like to modify from the camera list.

**Step 2:** NVR will display the parameters for the selected camera. You can modify the parameters for a main and sub profile on this page.

**Camera Name:** The name of the camera.

**Video Format:** Select the video format the camera supports.

**Frame rate:** Select the frame rate.

**Resolution:** Select the resolution.

**Bit rate:** Select the bit rate.

**Quality:** Select the image quality.

**Audio:** Check the **Enable Audio** option for live view and recording

**Go to Web:** Click to connect to the web page of the selected network camera for advanced setup. For example, motion detection should be configured via the camera web interface to enable the NVR to receive the trigger message.

**Step 3:** Click the **Save Settings** button.

**Note:** The system will adjust the frame rate automatically based on the maximum frame rate which that camera can support.



# Recording Schedule

On this page, set the recording schedule for automated recording of events.

**Enable Scheduled Recording:** Tick to enable recording by schedule.

**Enable Audio Recording:** Tick to enable audio recording if supported by the camera.

**Enable Automatic Overwrite:** Tick to allow the NVR to overwrite recorded events if there is no more free space on the hard drive.

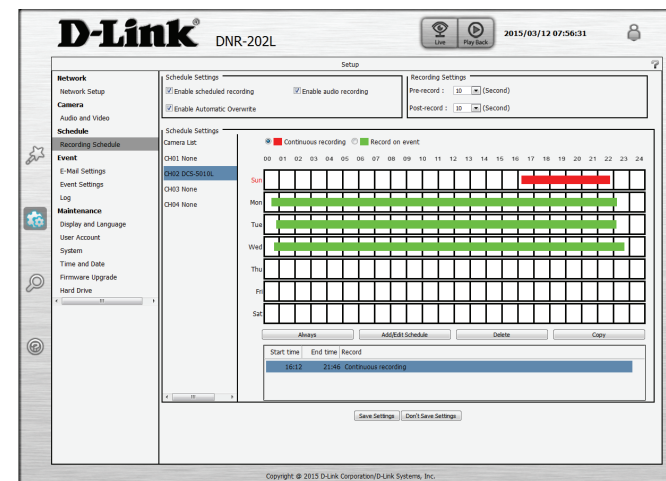
**Pre-record:** Select the number of seconds you want the camera to record prior to the event being recorded.

**Post-record:** Select the number of seconds you want the camera to record after the event is recorded.

**Continuous Recording:** Select this and drag on the calendar below to specify times for continuous recording.

**Record On Event:** Select this and drag on the calendar below to specify times for recording only when events occur.

You can also edit the scheduling timetable by click the **Always**, **Add/Edit Schedule**, **Delete**, and **Copy** buttons. Simply click on a day and then use the buttons to perform an operation.



## E-mail Settings

Set the email configuration on this page to receive notifications from the NVR server.

**Sender Email Address:** Enter the sender's email address.

**Server Address:** Enter the sender's email server address.

**User Name:** Enter the Username of the sender account.

**Password:** Enter the Password of the sender account.

**Port:** Enter the SMTP port of the sender's server. Check the box if it requires a secure connection.

**Test:** Click this button to send a test e-mail.

**Contact User Name:** Enter a username for the recipient.

**Contact Email Address:** Enter the email address for the recipient. Click **Add** to add the recipient to the list.

The screenshot displays the D-Link DNR-202L web interface. The top header shows the D-Link logo, the model number DNR-202L, and the date/time 2015/03/12 07:56:47. The left sidebar contains a menu with options: Network, Camera, Audio and Video, Schedule, Event, and Initial Settings (which is currently selected). The main content area is titled 'Setup' and contains the 'SMTP Settings' section. This section includes input fields for 'Sender email address', 'Server address', 'User name', and 'Password'. Below these is a 'Port' field set to 25 and a checkbox for 'This server requires a secure connection (StartTLS)'. A 'Test' button is located at the bottom of the SMTP settings. Below the SMTP settings is a 'Contact' section with a table for adding recipients. The table has columns for 'Delete', 'User name', and 'Email Address'. An 'Add' button is next to the 'Email Address' field. At the bottom of the contact section are 'Save Settings' and 'Don't Save Settings' buttons. The footer of the interface reads 'Copyright © 2015 D-Link Corporation/D-Link Systems, Inc.'.

## Event Settings

In a typical application, when motion is detected, the DNR-202L sends an alert via e-mail as a notification. For each channel, an event can be triggered by many sources, such as motion detection or digital input. When an event is triggered, a specified action will be performed.

**Connection Lost:** This option allows you to receive notifications when the connection to this camera is lost.

**Motion Detected:** This option allows you to receive notifications when motion is detected during camera live video monitoring for this channel.

**Digital Input:** This option to allow you to receive notifications when an external trigger input is received for this channel.

**Buzzer:** This option to allow you to receive notifications when a camera loses network connection for this channel.

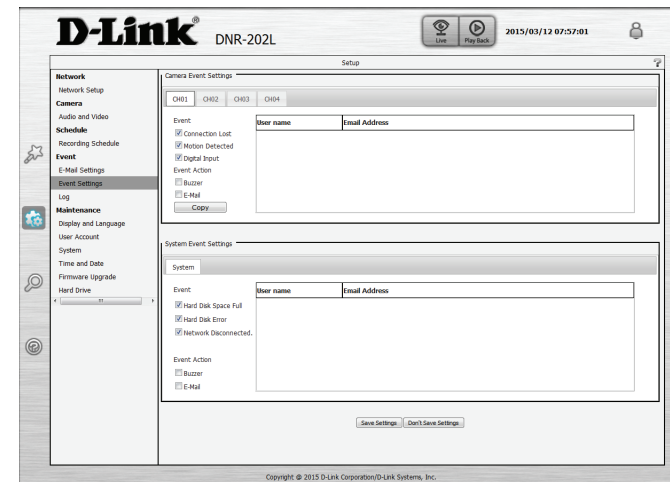
**E-mail:** Select this option to have e-mail sent to a specified SMTP account after receiving a camera event. Click **Copy** to apply event and event actions to specific channels.

**Hard Disk Space Full:** This option allows you to receive notifications when the hard drive space is full on the attached USB drive.

**Hard Disk Error:** This option allows you to receive notifications when the attached hard drive has an error.

**Network Disconnected:** This option allows you to receive notifications when the NVR connection to your network is lost.

**Event Action:** Enable buzzer and e-mail notifications by checking the corresponding boxes.



# Log

This page displays the system, NVR, and event messages of your NVR. You can click **Download** to save the logs to a text file and click **Clear** to delete the logs.

**D-Link® DNR-202L** 2015/03/12 07:57:11

Setup

**Network**  
 Network Setup  
**Camera**  
 Audio and Video  
**Schedule**  
 Recording Schedule  
**Event**  
 E-Mail Settings  
 Event Settings  
**Log**  
**Maintenance**  
 Display and Language  
 User Account  
 System  
 Time and Date  
 Firmware Upgrade  
 Hard Drive

**System Log**

| Date       | Time     | Info                                        |
|------------|----------|---------------------------------------------|
| 2015/03/12 | 07:54:24 | admin login Ok from ::ffff:192.168.0.141    |
| 2015/03/12 | 06:07:46 | admin login Ok from ::ffff:192.168.0.141    |
| 2015/03/12 | 04:27:18 | admin login Ok from ::ffff:192.168.0.141    |
| 2015/03/12 | 12:25:50 | system set to new time 2015/03/12 04:25:48. |
| 2015/03/11 | 18:32:28 | network set to DHCP                         |
| 2015/03/11 | 18:32:24 | system machine name set to DNR-202L.        |
| 2015/03/11 | 18:32:21 | system machine name set to DNR-202L.        |
| 2015/03/11 | 10:32:22 | system set to new time 2015/03/11 18:32:21. |

Download Clear

**NVR Log**

| Date       | Time     | Info                                             |
|------------|----------|--------------------------------------------------|
| 2015/03/11 | 18:32:37 | camera device 192.168.0.146 stream stop on ch 2. |
| 2015/03/11 | 18:32:35 | camera device 192.168.0.146 is loss on ch 2.     |
| 2015/03/11 | 03:46:48 | stop manual record.                              |
| 2015/03/10 | 09:01:19 | start manual record.                             |
| 2015/03/10 | 09:01:15 | stop manual record.                              |
| 2015/03/10 | 09:01:00 | start manual record.                             |
| 2015/03/10 | 07:09:49 | stop manual record.                              |
| 2015/03/10 | 07:09:46 | start manual record.                             |

Download Clear

**Event Log**

| Date | Time | Info |
|------|------|------|
|------|------|------|

Download Clear

Copyright © 2015 D-Link Corporation/D-Link Systems, Inc.

# Maintenance

## Display and Language

**Language:** Choose a language for the system menus.

**Device Name:** Enter the name of the NVR.

**Auto Scan Interval:** Enter a time for auto-scanning of IP cameras in your network.

**Enable Camera OSD:** Tick to show the OSD on the stream.

**Camera Name:** Tick to show the camera name on the OSD.

**Camera Number:** Tick to show the camera number on the OSD.

**Date:** Tick to show the date on the OSD.

**Time:** Tick to show the time on the OSD.

**Bit Rate:** Tick to show the bit rate on the OSD.

**Frame Rate:** Tick to show the frame rate on the OSD.

**Size:** Select from the drop-down the size of the OSD information.

**Color:** Select the color of the OSD information.



# User Account

**Admin Password Setting:** Set a new password for the administrator's account.

**Note:** Click **Save** to save the new password.

**User Name:** All the existing user accounts will be displayed here. You may delete accounts included in the list, but you may want to reserve at least one as a guest account.

**Add:** Opens up a window to add a new user with an associated password.

**Delete:** Select a user name from the list and click to delete the account.

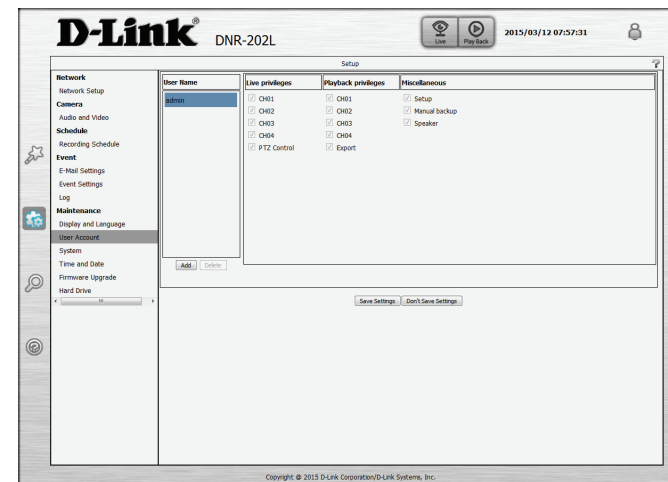
**Live Privileges:** Tick to allow viewing the channels and using PTZ control in live mode.

**Playback Privileges:** Tick to allow viewing the channels and exporting recorded video in playback mode.

**Miscellaneous:** Tick to allow the user to use Setup, Manual backup, and Speaker functions.

## Note:

The Administrator account can configure all functions of the NVR. This account cannot be deleted. The default password for "admin" is blank. Setting a password after the first login is strongly recommended. If the administrator password is lost, you may hold the reset button on the rear panel of the device to reset the NVR to factory defaults. This will erase all the previously-saved settings.



# System

**System Restart:** Click to reboot the NVR.

**Restore to Factory Default Settings:** Click **Restore** to reset all configurations to factory default settings.

**Save Configuration Settings:** Save the configuration settings to your computer.

**Load Configuration Settings:** Browse your computer for configuration settings to be loaded into the NVR.

**Idle Time(Minutes):** Set the time in minutes for system idle.

**Buzzer:** Turn on or off the buzzer.

**Enable Auto Plugin:** Enable or disable auto plugin.



# Time and Date

**Set Date and Time Manually:** Selecting this option allows you to configure the daylight saving date and time manually.

**Set Time From My Computer:** This uses the time settings from your computer to apply the NVR time settings.

**Synchronize with NTP Server:** Enable this feature to obtain time automatically from an NTP server.

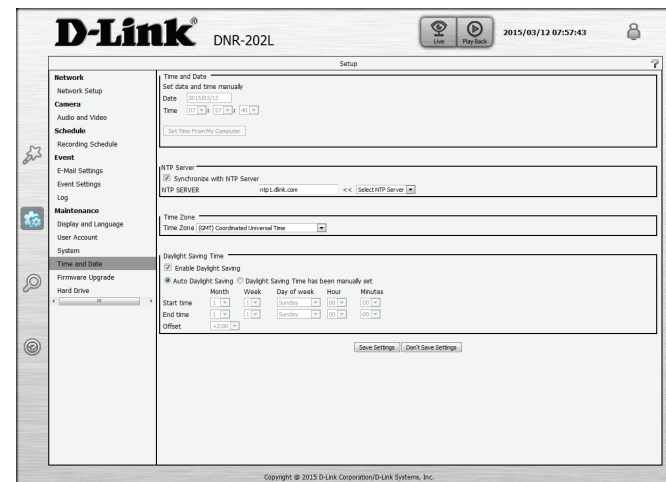
**NTP Server:** NetworkTime Protocol (NTP) synchronizes the DNR-202L with an Internet time server. Choose the one that is closest to your location.

**Time Zone:** Select your time zone from the drop-down menu.

**Enable Daylight Saving:** Select this to enable daylight saving time.

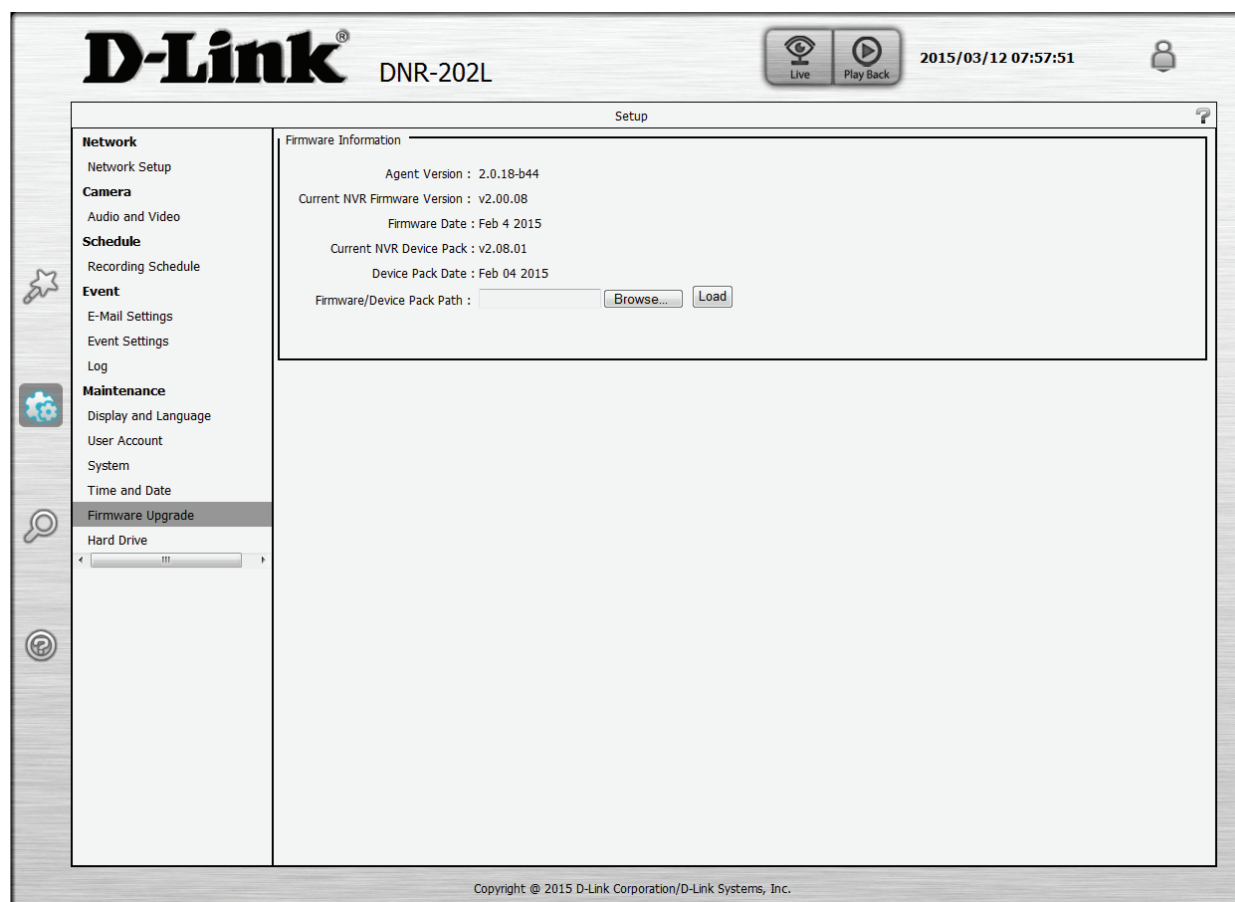
**Auto Daylight Saving:** Select this option to allow your camera to configure the daylight saving settings automatically.

**Set Daylight Saving Time Manually:** This option allows you to set the Daylight Saving Time manually.



## Firmware Upgrade

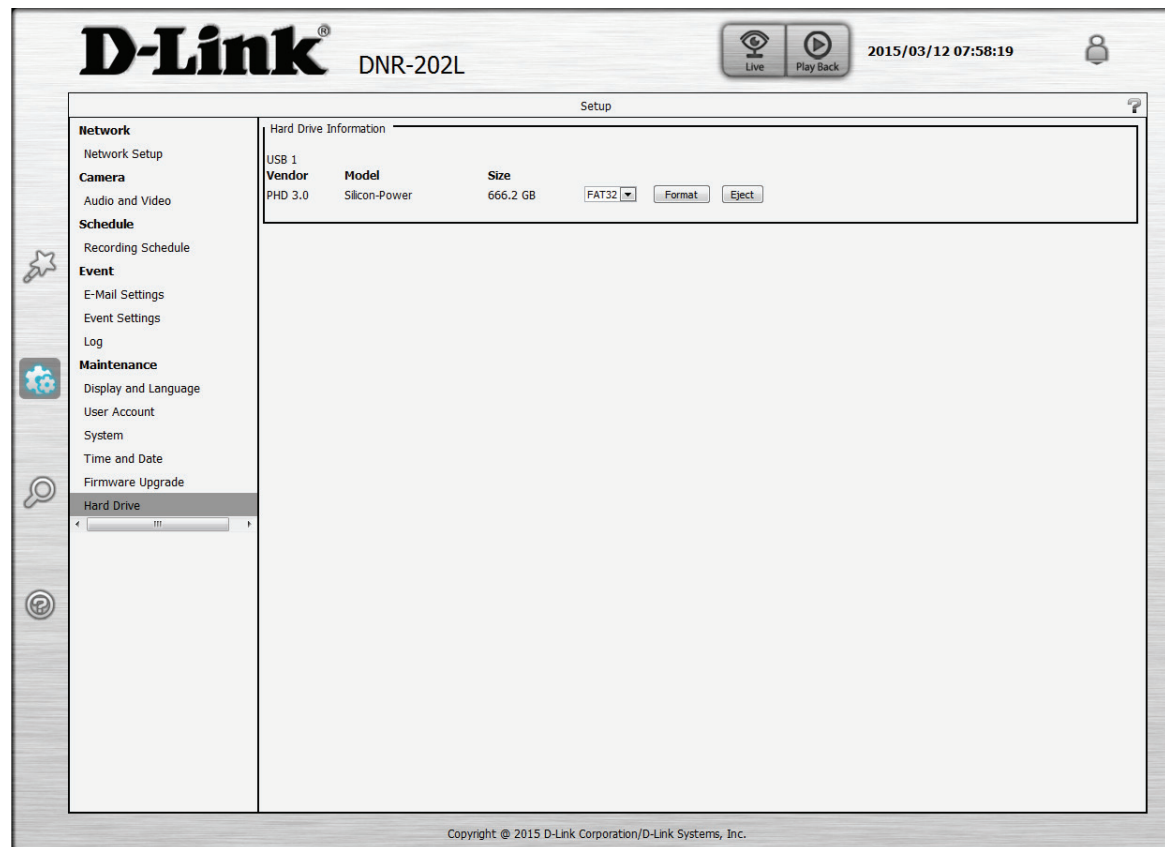
The device firmware can be upgraded from this page. The firmware update must be saved on the local hard drive of your computer. Click the **Browse** button to search the local hard drive for the firmware update file. Click **Load** to upgrade. You may check for firmware updates on the D-Link Support website.



# Hard Drive

The section provides users with an overview of the attached USB storage devices, and users can also format and eject attached USB storages devices.

**Note:** All data will be erased from the attached USB storage device during formatting.



## Camera Search

Cameras in your network can be added to your NVR from this page. You can then view camera information and preview the camera's feed. To add cameras, follow the steps below:

### Step 1:

Click **Search** at the top left and the NVR will automatically search for all compatible cameras on the same network. Once it is detected in the top left window, click on the camera to highlight it and its information will be displayed on the bottom right.

### Step 2:

Enter the **User Name** and **Password** of the selected camera.

### Step 3:

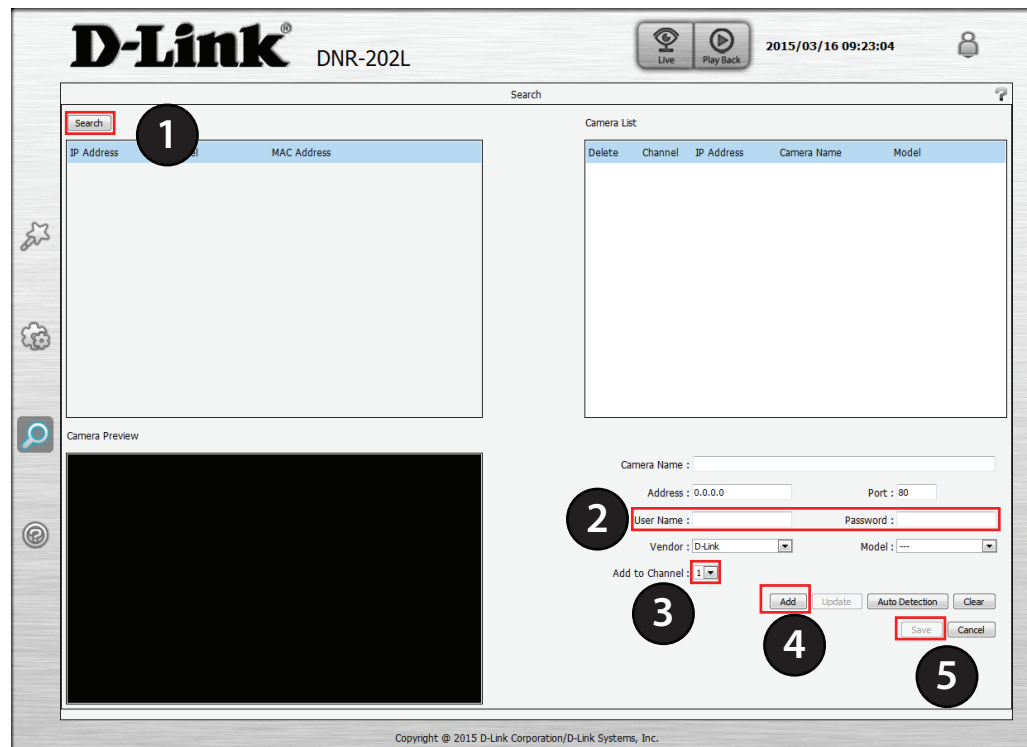
Select a channel from the **Add to Channel** drop-down menu.

### Step 4:

Click **Add** and the selected camera will be added to the Camera List window at the top right.

### Step 5:

Click **Save** to finish adding the camera.



**Camera Name:** Enter a name for the camera.

**Address:** Enter the IP address of the IP camera.

**Port:** Enter the port used by the IP camera.

**User Name:** Enter the user name of the IP camera.

**Password:** Enter the password of the IP camera.

**Vendor:** Select the IP camera vendor from the drop-down list.

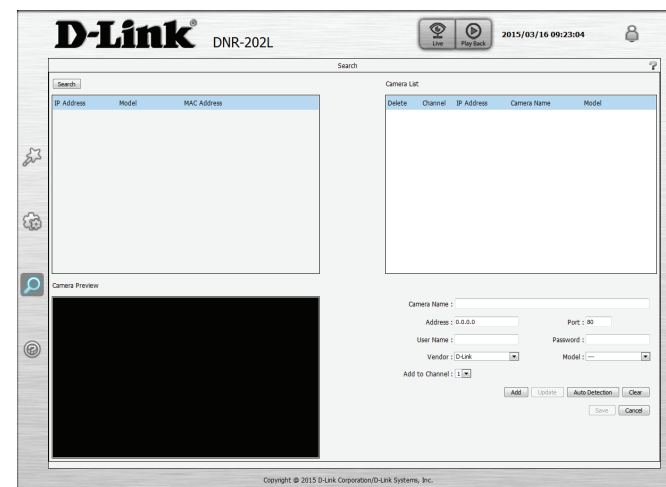
**Model:** Select the IP camera model from the drop-down list.

**Add to Channel:** Select the channel from 1-4 that you want the camera to stream to.

**Update:** Click this button to update changes made to the camera settings.

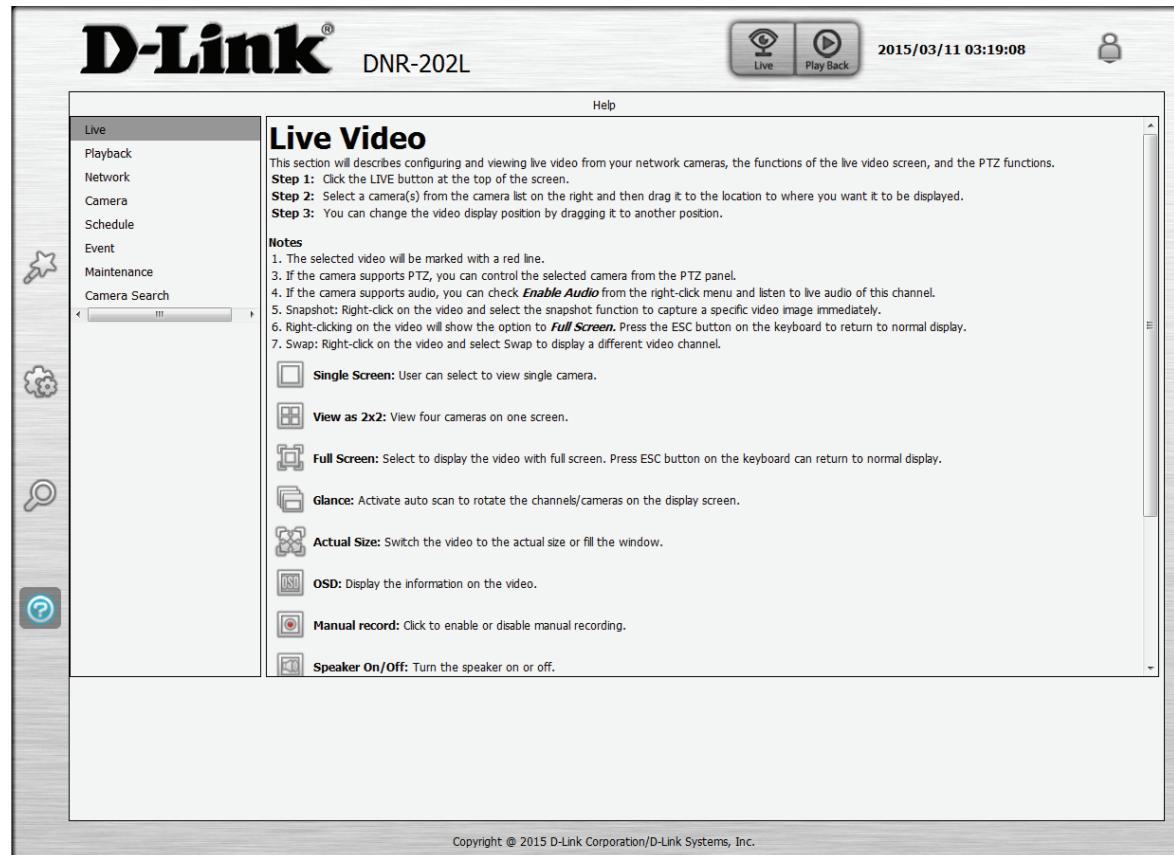
**Auto Detection:** Click this button to automatically detect camera information.

**Clear:** Click this button to clear current camera settings.



# Help

This section describes configuring and viewing live video from your network cameras, the functions of the live video screen, and the PTZ functions.



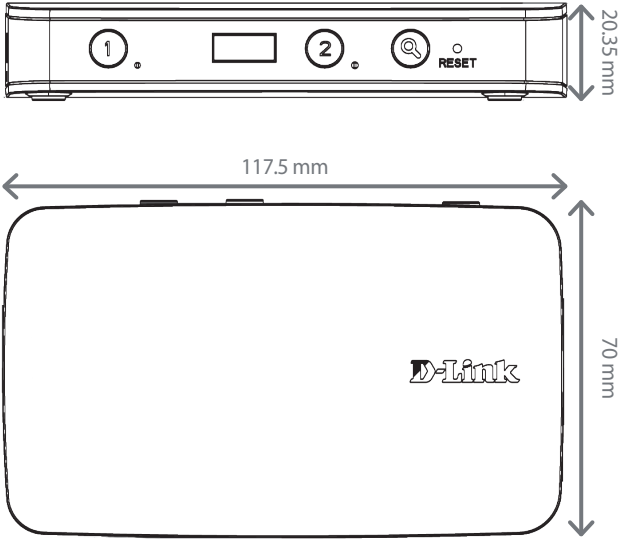
# LED and Buzzer Overview

| LED                 | Color             | Status   | Description            |
|---------------------|-------------------|----------|------------------------|
| Power & Network LED | Red               | Off      | Power down / Link Up   |
|                     |                   | On       | Power on               |
|                     |                   | Blinking | Firmware update        |
|                     | Blue<br>(Network) | Off      | Network failure        |
|                     |                   | On       | Network Link Connected |
|                     |                   | Blinking | Traffic                |
| USB1 LED            | Green             | Off      | HDD1 disabled          |
|                     |                   | On       | HDD1 enabled           |
|                     |                   | Blinking | Read / Write HDD1      |
| USB2 LED            | Green             | Off      | HDD2 disabled          |
|                     |                   | On       | HDD2 enabled           |
|                     |                   | Blinking | Read / Write HDD2      |

| Key              | Trigger Method                                         | Description                                                                                            |
|------------------|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| USB1 button      | Press button for 3 seconds                             | Un-mount HDD1, Buzzer will beep (long).                                                                |
|                  |                                                        | USB1 LED off.                                                                                          |
| USB2 button      | Press key2 for 3 seconds button                        | Un-mount HDD2, Buzzer will beep (long).                                                                |
|                  |                                                        | USB2 LED off.                                                                                          |
| Auto scan button | Auto scan function- Press scan button for 3 seconds    | Start auto scan IP Cameras in local network.                                                           |
|                  |                                                        | Buzzer will beep (long).                                                                               |
|                  | Camera Echo function- Press scan button for 0.5 second | Echo IP Camera found (1 beep for 1st camera found, 2 beeps for 2nd, 3 beeps for 3rd, 4 beeps for 4th). |
|                  |                                                        | Buzzer will beep (short).                                                                              |
| Reset button     | Press reset pin for 10 seconds                         | Reset to factory default.                                                                              |
|                  |                                                        | Buzzer will beep (long).                                                                               |

# Technical Specifications

| Network Video Recorder     |                                                                                                                                                                                    |                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Video Format               | • H.264/MPEG-4/MJPEG for live streaming                                                                                                                                            | • JPEG for still images                                                                                                |
| Audio support              | • G.711                                                                                                                                                                            | • G.726                                                                                                                |
| Reset Button               | • Reset to factory default                                                                                                                                                         |                                                                                                                        |
| Auto Scan Key              | • IP Camera Finder (press for 3 seconds)                                                                                                                                           |                                                                                                                        |
| External Device Interfaces | • 10/100 BASE-TX Fast Ethernet port                                                                                                                                                | • 2 x USB 2.0 ports for external HDD storage                                                                           |
| Video Management           |                                                                                                                                                                                    |                                                                                                                        |
| Live View Resolution       | • 1280 x 720 (1 channel)                                                                                                                                                           | • 640 x 480 (4 channels)                                                                                               |
| Live View Display Modes    | • 1 and 4 channels display                                                                                                                                                         |                                                                                                                        |
| Recording Modes            | • Schedule, Manual, Event (Motion)                                                                                                                                                 | • Continuous                                                                                                           |
| Recording Performance      | • 32 Mbps                                                                                                                                                                          |                                                                                                                        |
| Playback Modes             | • Time, Event, Camera                                                                                                                                                              |                                                                                                                        |
| Playback Performance       | • Max. 720p for 1 channel                                                                                                                                                          | • 640 x 480 (4 channels)                                                                                               |
| Playback Control           | • Play, Stop, Pause, Forward, Backward, Next, Previous                                                                                                                             |                                                                                                                        |
| Video Export Formats       | • AVI                                                                                                                                                                              |                                                                                                                        |
| Network                    |                                                                                                                                                                                    |                                                                                                                        |
| Physical Interface         | • RJ45 10/100 LAN Ethernet (auto MDI/MDIX)                                                                                                                                         |                                                                                                                        |
| Network Protocols          | <ul style="list-style-type: none"> <li>• IPv4, ARP, TCP, UDP, ICMP</li> <li>• DHCP Client</li> <li>• DNS Client</li> <li>• HTTP Server</li> <li>• HTTPS</li> <li>• SMTP</li> </ul> | <ul style="list-style-type: none"> <li>• RTP</li> <li>• RTCP</li> <li>• RTSP</li> <li>• NTP</li> <li>• UPnP</li> </ul> |
| Security                   |                                                                                                                                                                                    |                                                                                                                        |
| User Management            | • Administrator password authentication                                                                                                                                            |                                                                                                                        |
| Automatic Logoff           | • Idle user timeout on configuration pages                                                                                                                                         |                                                                                                                        |

| System                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                      |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| System Requirements    | <ul style="list-style-type: none"><li>• Microsoft Windows: 8, 7</li></ul>                                                                                                                                                                                                                                                                                                                                                                                            | <ul style="list-style-type: none"><li>• Mac OS 10.7 or above</li></ul>                               |
| Browser Requirements   | <ul style="list-style-type: none"><li>• Internet Explorer 8 or above</li></ul>                                                                                                                                                                                                                                                                                                                                                                                       | <ul style="list-style-type: none"><li>• Safari 7 (Mac OS) or above</li></ul>                         |
| Mobile Support         | <ul style="list-style-type: none"><li>• Android</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                            | <ul style="list-style-type: none"><li>• iOS</li></ul>                                                |
| Remote Management      | <ul style="list-style-type: none"><li>• Take snapshots/video via web browser</li></ul>                                                                                                                                                                                                                                                                                                                                                                               | <ul style="list-style-type: none"><li>• Configuration interface accessible via web browser</li></ul> |
| System Log             | <ul style="list-style-type: none"><li>• Status of active users</li></ul>                                                                                                                                                                                                                                                                                                                                                                                             | <ul style="list-style-type: none"><li>• Login history</li></ul>                                      |
| Certifications         | <ul style="list-style-type: none"><li>• CE</li><li>• FCC</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                   | <ul style="list-style-type: none"><li>• CE LVD</li><li>• C-Tick</li></ul>                            |
| Physical               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                      |
| Weight                 | <ul style="list-style-type: none"><li>• 90 grams</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                      |
| External Power Adapter | <ul style="list-style-type: none"><li>• Input: Min 0.5 V / 2.5 A</li></ul>                                                                                                                                                                                                                                                                                                                                                                                           | <ul style="list-style-type: none"><li>• Consumption: 8.5 watts ± 5 % (include 2 x 2.5 HDD)</li></ul> |
| Temperature            | <ul style="list-style-type: none"><li>• Operating: 0 to 40 °C</li></ul>                                                                                                                                                                                                                                                                                                                                                                                              | <ul style="list-style-type: none"><li>• Storage: -20 to 70 °C (-4 to 158 °F)</li></ul>               |
| Humidity               | <ul style="list-style-type: none"><li>• Operating: 10% to 90% non-condensing</li></ul>                                                                                                                                                                                                                                                                                                                                                                               | <ul style="list-style-type: none"><li>• Storage: 5% to 95% non-condensing</li></ul>                  |
| Dimensions             |  <p>The technical drawing shows two views of the D-Link DNR-202L device. The top view is a horizontal rectangle with a width of 117.5 mm and a height of 20.35 mm. It features a power button (1), a status indicator (2), a power jack, and a reset button. The front view is a rounded rectangle with a width of 117.5 mm and a height of 70 mm, featuring the D-Link logo.</p> |                                                                                                      |

# Regulatory Information

## **Federal Communication Commission Interference Statement**

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

## **Non-modification Statement**

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## **Caution**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

## **Innovation, Science and Economic Development Canada (ISED) Statement:**

This Class A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

## **警告使用者:**

此為甲類的資訊技術設備，在居住環境中使用時，可能會造成射頻擾動，在這種情況下，使用者會被要求採取某些適當的對策。

Warning: This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

## **CE EMI Class A Warning**

This equipment is compliant with Class A of CISPR 32. In a residential environment this equipment may cause radio interference.

## **SAFETY INSTRUCTIONS**

The following general safety guidelines are provided to help ensure your own personal safety and protect your product from potential damage. Remember to consult the product user instructions for more details.

- Static electricity can be harmful to electronic components. Discharge static electricity from your body (i.e. touching grounded bare metal) before touching the product.
- Do not attempt to service the product and never disassemble the product. For some products with a user replaceable battery, please read and follow the instructions in the user manual.
- Do not spill food or liquid on your product and never push any objects into the openings of your product.
- Do not use this product near water, areas with high humidity, or condensation unless the product is specifically rated for outdoor application.
- Keep the product away from radiators and other heat sources.
- Always unplug the product from mains power before cleaning and use a dry lint free cloth only.

## **SICHERHEITSVORSCHRIFTEN**

Die folgenden allgemeinen Sicherheitsvorschriften dienen als Hilfe zur Gewährleistung Ihrer eigenen Sicherheit und zum Schutz Ihres Produkts. Weitere Details finden Sie in den Benutzeranleitungen zum Produkt.

- Statische Elektrizität kann elektronischen Komponenten schaden. Um Schäden durch statische Aufladung zu vermeiden, leiten Sie elektrostatische Ladungen von Ihrem Körper ab, (z. B. durch Berühren eines geerdeten blanken Metallteils), bevor Sie das Produkt berühren.
- Unterlassen Sie jeden Versuch, das Produkt zu warten, und versuchen Sie nicht, es in seine Bestandteile zu zerlegen. Für einige Produkte mit austauschbaren Akkus lesen Sie bitte das Benutzerhandbuch und befolgen Sie die dort beschriebenen Anleitungen.
- Vermeiden Sie, dass Speisen oder Flüssigkeiten auf Ihr Produkt gelangen, und stecken Sie keine Gegenstände in die Gehäuseschlitze oder -öffnungen Ihres Produkts.
- Verwenden Sie dieses Produkt nicht in unmittelbarer Nähe von Wasser und nicht in Bereichen mit hoher Luftfeuchtigkeit oder Kondensation, es sei denn, es ist speziell zur Nutzung in Außenbereichen vorgesehen und eingestuft.
- Halten Sie das Produkt von Heizkörpern und anderen Quellen fern, die Wärme erzeugen.
- Trennen Sie das Produkt immer von der Stromzufuhr, bevor Sie es reinigen und verwenden Sie dazu ausschließlich ein trockenes fusselfreies Tuch.

## CONSIGNES DE SÉCURITÉ

Les consignes générales de sécurité ci-après sont fournies afin d'assurer votre sécurité personnelle et de protéger le produit d'éventuels dommages. Veuillez consulter les consignes d'utilisation du produit pour plus de détails.

- L'électricité statique peut endommager les composants électroniques. Déchargez l'électricité statique de votre corps (en touchant un objet en métal relié à la terre par exemple) avant de toucher le produit.
- N'essayez pas d'intervenir sur le produit et ne le démontez jamais. Pour certains produits contenant une batterie remplaçable par l'utilisateur, veuillez lire et suivre les consignes contenues dans le manuel d'utilisation.
- Ne renversez pas d'aliments ou de liquide sur le produit et n'insérez jamais d'objets dans les orifices.
- N'utilisez pas ce produit à proximité d'un point d'eau, de zones très humides ou de condensation sauf si le produit a été spécifiquement conçu pour une application extérieure.
- Éloignez le produit des radiateurs et autres sources de chaleur.
- Débranchez toujours le produit de l'alimentation avant de le nettoyer et utilisez uniquement un chiffon sec non pelucheux.

## INSTRUCCIONES DE SEGURIDAD

Las siguientes directrices de seguridad general se facilitan para ayudarle a garantizar su propia seguridad personal y para proteger el producto frente a posibles daños. No olvide consultar las instrucciones del usuario del producto para obtener más información.

- La electricidad estática puede resultar nociva para los componentes electrónicos. Descargue la electricidad estática de su cuerpo (p. ej., tocando algún metal sin revestimiento conectado a tierra) antes de tocar el producto.
- No intente realizar el mantenimiento del producto ni lo desmonte nunca. Para algunos productos con batería reemplazable por el usuario, lea y siga las instrucciones del manual de usuario.
- No derrame comida o líquidos sobre el producto y nunca deje que caigan objetos en las aberturas del mismo.
- No utilice este producto cerca del agua, en zonas con humedad o condensación elevadas a menos que el producto esté clasificado específicamente para aplicación en exteriores.
- Mantenga el producto alejado de los radiadores y de otras fuentes de calor.
- Desenchufe siempre el producto de la alimentación de red antes de limpiarlo y utilice solo un paño seco sin pelusa.

## **ISTRUZIONI PER LA SICUREZZA**

Le seguenti linee guida sulla sicurezza sono fornite per contribuire a garantire la sicurezza personale degli utenti e a proteggere il prodotto da potenziali danni. Per maggiori dettagli, consultare le istruzioni per l'utente del prodotto.

- L'elettricità statica può essere pericolosa per i componenti elettronici. Scaricare l'elettricità statica dal corpo (ad esempio toccando una parte metallica collegata a terra) prima di toccare il prodotto.
- Non cercare di riparare il prodotto e non smontarlo mai. Per alcuni prodotti dotati di batteria sostituibile dall'utente, leggere e seguire le istruzioni riportate nel manuale dell'utente.
- Non versare cibi o liquidi sul prodotto e non spingere mai alcun oggetto nelle aperture del prodotto.
- Non usare questo prodotto vicino all'acqua, in aree con elevato grado di umidità o soggette a condensa a meno che il prodotto non sia specificatamente approvato per uso in ambienti esterni.
- Tenere il prodotto lontano da caloriferi e altre fonti di calore.
- Scollegare sempre il prodotto dalla presa elettrica prima di pulirlo e usare solo un panno asciutto che non lasci filacce.

## **VEILIGHEIDSGEGEGENSTANDEN**

De volgende algemene veiligheidsinformatie werd verstrekt om uw eigen persoonlijke veiligheid te waarborgen en uw product te beschermen tegen mogelijke schade. Denk eraan om de gebruikersinstructies van het product te raadplegen voor meer informatie.

- Statische elektriciteit kan schadelijk zijn voor elektronische componenten. Ontlaad de statische elektriciteit van uw lichaam (d.w.z. het aanraken van geaard bloot metaal) voordat u het product aanraakt.
- U mag nooit proberen het product te onderhouden en u mag het product nooit demonteren. Voor sommige producten met door de gebruiker te vervangen batterij, dient u de instructies in de gebruikershandleiding te lezen en te volgen.
- Mors geen voedsel of vloeistof op uw product en u mag nooit voorwerpen in de openingen van uw product duwen.
- Gebruik dit product niet in de buurt van water, gebieden met hoge vochtigheid of condensatie, tenzij het product specifiek geclassificeerd is voor gebruik buitenshuis.
- Houd het product uit de buurt van radiators en andere warmtebronnen.
- U dient het product steeds los te koppelen van de stroom voordat u het reinigt en gebruik uitsluitend een droge pluisvrije doek.

## Disposing of and Recycling Your Product

### ENGLISH

EN



This symbol on the product or packaging means that according to local laws and regulations this product should be not be disposed of in household waste but sent for recycling. Please take it to a collection point designated by your local authorities once it has reached the end of its life, some will accept products for free. By recycling the product and its packaging in this manner you help to conserve the environment and protect human health.

### D-Link and the Environment

At D-Link, we understand and are committed to reducing any impact our operations and products may have on the environment. To minimise this impact D-Link designs and builds its products to be as environmentally friendly as possible, by using recyclable, low toxic materials in both products and packaging.

D-Link recommends that you always switch off or unplug your D-Link products when they are not in use. By doing so you will help to save energy and reduce CO2 emissions.

To learn more about our environmentally responsible products and packaging please visit [www.dlinkgreen.com](http://www.dlinkgreen.com).

### DEUTSCH

DE



Dieses Symbol auf dem Produkt oder der Verpackung weist darauf hin, dass dieses Produkt gemäß bestehender örtlicher Gesetze und Vorschriften nicht über den normalen Hausmüll entsorgt werden sollte, sondern einer Wiederverwertung zuzuführen ist. Bringen Sie es bitte zu einer von Ihrer Kommunalbehörde entsprechend amtlich ausgewiesenen Sammelstelle, sobald das Produkt das Ende seiner Nutzungsdauer erreicht hat. Für die Annahme solcher Produkte erheben einige dieser Stellen keine Gebühren. Durch ein auf diese Weise durchgeführtes Recycling des Produkts und seiner Verpackung helfen Sie, die Umwelt zu schonen und die menschliche Gesundheit zu schützen.

### D-Link und die Umwelt

D-Link ist sich den möglichen Auswirkungen seiner Geschäftstätigkeiten und seiner Produkte auf die Umwelt bewusst und fühlt sich verpflichtet, diese entsprechend zu mindern. Zu diesem Zweck entwickelt und stellt D-Link seine Produkte mit dem Ziel größtmöglicher Umweltfreundlichkeit her und verwendet wiederverwertbare, schadstoffarme Materialien bei Produktherstellung und Verpackung.

D-Link empfiehlt, Ihre Produkte von D-Link, wenn nicht in Gebrauch, immer auszuschalten oder vom Netz zu nehmen. Auf diese Weise helfen Sie, Energie zu sparen und CO2-Emissionen zu reduzieren.

Wenn Sie mehr über unsere umweltgerechten Produkte und Verpackungen wissen möchten, finden Sie entsprechende Informationen im Internet unter [www.dlinkgreen.com](http://www.dlinkgreen.com).

**FRANÇAIS****FR**

Ce symbole apposé sur le produit ou son emballage signifie que, conformément aux lois et réglementations locales, ce produit ne doit pas être éliminé avec les déchets domestiques mais recyclé. Veuillez le rapporter à un point de collecte prévu à cet effet par les autorités locales; certains accepteront vos produits gratuitement. En recyclant le produit et son emballage de cette manière, vous aidez à préserver l'environnement et à protéger la santé de l'homme.

**D-Link et l'environnement**

Chez D-Link, nous sommes conscients de l'impact de nos opérations et produits sur l'environnement et nous engageons à le réduire. Pour limiter cet impact, D-Link conçoit et fabrique ses produits de manière aussi écologique que possible, en utilisant des matériaux recyclables et faiblement toxiques, tant dans ses produits que ses emballages.

D-Link recommande de toujours éteindre ou débrancher vos produits D-Link lorsque vous ne les utilisez pas. Vous réaliserez ainsi des économies d'énergie et réduirez vos émissions de CO2.

Pour en savoir plus sur les produits et emballages respectueux de l'environnement, veuillez consulter le [www.dlinkgreen.com](http://www.dlinkgreen.com).

**ESPAÑOL****ES**

Este símbolo en el producto o el embalaje significa que, de acuerdo con la legislación y la normativa local, este producto no se debe desechar en la basura doméstica sino que se debe reciclar. Llévelo a un punto de recogida designado por las autoridades locales una vez que ha llegado al fin de su vida útil; algunos de ellos aceptan recogerlos de forma gratuita. Al reciclar el producto y su embalaje de esta forma, contribuye a preservar el medio ambiente y a proteger la salud de los seres humanos.

**D-Link y el medio ambiente**

En D-Link, comprendemos y estamos comprometidos con la reducción del impacto que puedan tener nuestras actividades y nuestros productos en el medio ambiente. Para reducir este impacto, D-Link diseña y fabrica sus productos para que sean lo más ecológicos posible, utilizando materiales reciclables y de baja toxicidad tanto en los productos como en el embalaje.

D-Link recomienda apagar o desenchufar los productos D-Link cuando no se estén utilizando. Al hacerlo, contribuirá a ahorrar energía y a reducir las emisiones de CO2.

Para obtener más información acerca de nuestros productos y embalajes ecológicos, visite el sitio [www.dlinkgreen.com](http://www.dlinkgreen.com).

**ITALIANO****IT**

La presenza di questo simbolo sul prodotto o sulla confezione del prodotto indica che, in conformità alle leggi e alle normative locali, questo prodotto non deve essere smaltito nei rifiuti domestici, ma avviato al riciclo. Una volta terminato il ciclo di vita utile, portare il prodotto presso un punto di raccolta indicato dalle autorità locali. Alcuni questi punti di raccolta accettano gratuitamente i prodotti da riciclare. Scegliendo di riciclare il prodotto e il relativo imballaggio, si contribuirà a preservare l'ambiente e a salvaguardare la salute umana.

**D-Link e l'ambiente**

D-Link cerca da sempre di ridurre l'impatto ambientale dei propri stabilimenti e dei propri prodotti. Allo scopo di ridurre al minimo tale impatto, D-Link progetta e realizza i propri prodotti in modo che rispettino il più possibile l'ambiente, utilizzando materiali riciclabili a basso tasso di tossicità sia per i prodotti che per gli imballaggi.

D-Link raccomanda di spegnere sempre i prodotti D-Link o di scollegarne la spina quando non vengono utilizzati. In questo modo si contribuirà a risparmiare energia e a ridurre le emissioni di anidride carbonica.

Per ulteriori informazioni sui prodotti e sugli imballaggi D-Link a ridotto impatto ambientale, visitate il sito all'indirizzo **[www.dlinkgreen.com](http://www.dlinkgreen.com)**.

**NEDERLANDS****NL**

Dit symbool op het product of de verpakking betekent dat dit product volgens de plaatselijke wetgeving niet mag worden weggegooid met het huishoudelijk afval, maar voor recyclage moeten worden ingeleverd. Zodra het product het einde van de levensduur heeft bereikt, dient u het naar een inzamelpunt te brengen dat hiertoe werd aangeduid door uw plaatselijke autoriteiten, sommige autoriteiten accepteren producten zonder dat u hiervoor dient te betalen. Door het product en de verpakking op deze manier te recycleren helpt u het milieu en de gezondheid van de mens te beschermen.

**D-Link en het milieu**

Bij D-Link spannen we ons in om de impact van onze handelingen en producten op het milieu te beperken. Om deze impact te beperken, ontwerpt en bouwt D-Link zijn producten zo milieuvriendelijk mogelijk, door het gebruik van recycleerbare producten met lage toxiciteit in product en verpakking.

D-Link raadt aan om steeds uw D-Link producten uit te schakelen of uit de stekker te halen wanneer u ze niet gebruikt. Door dit te doen bespaart u energie en beperkt u de CO<sub>2</sub>-emissies.

Breng een bezoek aan **[www.dlinkgreen.com](http://www.dlinkgreen.com)** voor meer informatie over onze milieuverantwoorde producten en verpakkingen.

**POLSKI****PL**

Ten symbol umieszczony na produkcie lub opakowaniu oznacza, że zgodnie z miejscowym prawem i lokalnymi przepisami niniejszego produktu nie wolno wyrzucać jak odpady czy śmieci z gospodarstwa domowego, lecz należy go poddać procesowi recyklingu. Po zakończeniu użytkowania produktu, niektóre odpowiednie do tego celu podmioty przyjmą takie produkty nieodpłatnie, dlatego prosimy dostarczyć go do punktu zbiórki wskazanego przez lokalne władze. Poprzez proces recyklingu i dzięki takiemu postępowaniu z produktem oraz jego opakowaniem, pomogą Państwo chronić środowisko naturalne i dbać o ludzkie zdrowie.

**D-Link i środowisko**

D-Link podchodzimy w sposób świadomy do ochrony otoczenia oraz jesteśmy zaangażowani w zmniejszanie wpływu naszych działań i produktów na środowisko naturalne. W celu zminimalizowania takiego wpływu firma D-Link konstruuje i wytwarza swoje produkty w taki sposób, aby były one jak najbardziej przyjazne środowisku, stosując do tych celów materiały nadające się do powtórnego wykorzystania, charakteryzujące się małą toksycznością zarówno w przypadku samych produktów jak i opakowań.

Firma D-Link zaleca, aby Państwo zawsze prawidłowo wyłączali z użytku swoje produkty D-Link, gdy nie są one wykorzystywane. Postępując w ten sposób pozwalają Państwo oszczędzać energię i zmniejszać emisje CO<sub>2</sub>.

Aby dowiedzieć się więcej na temat produktów i opakowań mających wpływ na środowisko prosimy zapoznać się ze stroną Internetową [www.dlinkgreen.com](http://www.dlinkgreen.com).

**ČESKY****CZ**

Tento symbol na výrobku nebo jeho obalu znamená, že podle místně platných předpisů se výrobek nesmí vyhazovat do komunálního odpadu, ale odeslat k recyklaci. Až výrobek doslouží, odnese jej prosím na sběrné místo určené místními úřady k tomuto účelu. Některá sběrná místa přijímají výrobky zdarma. Recyklací výrobku i obalu pomáháte chránit životní prostředí i lidské zdraví.

**D-Link a životní prostředí**

Ve společnosti D-Link jsme si vědomi vlivu našich provozů a výrobků na životní prostředí a snažíme se o minimalizaci těchto vlivů. Proto své výrobky navrhujeme a vyrábíme tak, aby byly co nejekologičtější, a ve výrobcích i obalech používáme recyklovatelné a nízkotoxické materiály.

Společnost D-Link doporučuje, abyste své výrobky značky D-Link vypnuli nebo vytáhli ze zásuvky vždy, když je nepoužíváte. Pomůžete tak šetřit energii a snížit emise CO<sub>2</sub>.

Více informací o našich ekologických výrobcích a obalech najdete na adrese [www.dlinkgreen.com](http://www.dlinkgreen.com).

**MAGYAR****HU**

Ez a szimbólum a terméken vagy a csomagoláson azt jelenti, hogy a helyi törvényeknek és szabályoknak megfelelően ez a termék nem semmisíthető meg a háztartási hulladékkal együtt, hanem újrahasznosításra kell küldeni. Kérjük, hogy a termék élettartamának elteltét követően vigye azt a helyi hatóság által kijelölt gyűjtőhelyre. A termékek egyes helyeken ingyen elhelyezhetők. A termék és a csomagolás újrahasznosításával segíti védeni a környezetet és az emberek egészségét.

**A D-Link és a környezet**

A D-Linknél megértjük és elköteleztük magunkat a műveleteink és termékeink környezetre gyakorolt hatásainak csökkentésére. Az ezen hatás csökkentése érdekében a D-Link a lehető leginkább környezetbarát termékeket tervez és gyárt azáltal, hogy újrahasznosítható, alacsony károsanyag-tartalmú termékeket gyárt és csomagolásokat alkalmaz.

A D-Link azt javasolja, hogy mindig kapcsolja ki vagy húzza ki a D-Link termékeket a tápforrásból, ha nem használja azokat. Ezzel segít az energia megtakarításában és a széndioxid kibocsátásának csökkentésében.

Környezetbarát termékeinkről és csomagolásainkról további információkat a **[www.dlinkgreen.com](http://www.dlinkgreen.com)** weboldalon tudhat meg.

**NORSK****NO**

Dette symbolet på produktet eller forpakningen betyr at dette produktet ifølge lokale lover og forskrifter ikke skal kastes sammen med husholdningsavfall, men leveres inn til gjenvinning. Vennligst ta det til et innsamlingssted anvist av lokale myndigheter når det er kommet til slutten av levetiden. Noen steder aksepteres produkter uten avgift. Ved på denne måten å gjenvinne produktet og forpakningen hjelper du å verne miljøet og beskytte folks helse.

**D-Link og miljøet**

Hos D-Link forstår vi oss på og er forpliktet til å minske innvirkningen som vår drift og våre produkter kan ha på miljøet. For å minimalisere denne innvirkningen designer og lager D-Link produkter som er så miljøvennlig som mulig, ved å bruke resirkulerbare, lav-toksiske materialer både i produktene og forpakningen.

D-Link anbefaler at du alltid slår av eller frakobler D-Link-produkter når de ikke er i bruk. Ved å gjøre dette hjelper du å spare energi og å redusere CO2-utslipp.

For mer informasjon angående våre miljøansvarlige produkter og forpakninger kan du gå til **[www.dlinkgreen.com](http://www.dlinkgreen.com)**.

**DANSK****DK**

Dette symbol på produktet eller emballagen betyder, at dette produkt i henhold til lokale love og regler ikke må bortskaffes som husholdningsaffald, mens skal sendes til genbrug. Indlever produktet til et indsamlingssted som angivet af de lokale myndigheder, når det er nået til slutningen af dets levetid. I nogle tilfælde vil produktet blive modtaget gratis. Ved at indlevere produktet og dets emballage til genbrug på denne måde bidrager du til at beskytte miljøet og den menneskelige sundhed.

**D-Link og miljøet**

Hos D-Link forstår vi og bestræber os på at reducere enhver indvirkning, som vores aktiviteter og produkter kan have på miljøet. For at minimere denne indvirkning designer og producerer D-Link sine produkter, så de er så miljøvenlige som muligt, ved at bruge genanvendelige materialer med lavt giftighedsniveau i både produkter og emballage.

D-Link anbefaler, at du altid slukker eller frakobler dine D-Link-produkter, når de ikke er i brug. Ved at gøre det bidrager du til at spare energi og reducere CO<sub>2</sub>-udledningerne.

Du kan finde flere oplysninger om vores miljømæssigt ansvarlige produkter og emballage på [www.dlinkgreen.com](http://www.dlinkgreen.com).

**SUOMI****FI**

Tämä symboli tuotteen pakkauksessa tarkoittaa, että paikallisten lakien ja säännösten mukaisesti tätä tuotetta ei pidä hävittää yleisen kotitalousjätteen seassa vaan se tulee toimittaa kierrätettäväksi. Kun tuote on elinkaarensa päässä, toimita se lähimpään viranomaisten hyväksymään kierrätyspisteeseen. Kierrättämällä käytetyn tuotteen ja sen pakkauksen autat tukemaan sekä ympäristön että ihmisten terveyttä ja hyvinvointia.

**D-Link ja ympäristö**

D-Link ymmärtää ympäristönsuojelun tärkeyden ja on sitoutunut vähentämään tuotteistaan ja niiden valmistuksesta ympäristölle mahdollisesti aiheutuvia haittavaikutuksia. Nämä negatiiviset vaikutukset minimoidakseen D-Link suunnittelee ja valmistaa tuotteensa mahdollisimman ympäristöystävällisiksi käyttämällä kierrätettäviä, alhaisia pitoisuuksia haitallisia aineita sisältäviä materiaaleja sekä tuotteissaan että niiden pakkauksissa.

Suosittelamme, että irrotat D-Link-tuotteesi virtalähteestä tai sammutat ne aina, kun ne eivät ole käytössä. Toimimalla näin autat säästämään energiaa ja vähentämään hiilidioksiidipäästöjä.

Lue lisää ympäristöystävällisistä D-Link-tuotteista ja pakkauksistamme osoitteesta [www.dlinkgreen.com](http://www.dlinkgreen.com).

**SVENSKA****SE**

Den här symbolen på produkten eller förpackningen betyder att produkten enligt lokala lagar och föreskrifter inte skall kastas i hushållssoporna utan i stället återvinnas. Ta den vid slutet av dess livslängd till en av din lokala myndighet utsedd uppsamlingsplats, vissa accepterar produkter utan kostnad. Genom att på detta sätt återvinna produkten och förpackningen hjälper du till att bevara miljön och skydda människors hälsa.

**D-Link och miljön**

På D-Link förstår vi och är fast beslutna att minska den påverkan våra verksamheter och produkter kan ha på miljön. För att minska denna påverkan utformar och bygger D-Link sina produkter för att de ska vara så miljövänliga som möjligt, genom att använda återvinningsbara material med låg gifthalt i både produkter och förpackningar.

D-Link rekommenderar att du alltid stänger av eller kopplar ur dina D-Link produkter när du inte använder dem. Genom att göra detta hjälper du till att spara energi och minska utsläpp av koldioxid.

För mer information om våra miljöansvariga produkter och förpackningar [www.dlinkgreen.com](http://www.dlinkgreen.com).

**PORTUGUÊS****PT**

Este símbolo no produto ou embalagem significa que, de acordo com as leis e regulamentações locais, este produto não deverá ser eliminado juntamente com o lixo doméstico mas enviado para a reciclagem. Transporte-o para um ponto de recolha designado pelas suas autoridades locais quando este tiver atingido o fim da sua vida útil, alguns destes pontos aceitam produtos gratuitamente. Ao reciclar o produto e respectiva embalagem desta forma, ajuda a preservar o ambiente e protege a saúde humana.

**A D-Link e o ambiente**

Na D-Link compreendemos e comprometemo-nos com a redução do impacto que as nossas operações e produtos possam ter no ambiente. Para minimizar este impacto a D-Link concebe e constrói os seus produtos para que estes sejam o mais inofensivos para o ambiente possível, utilizando materiais recicláveis e não tóxicos tanto nos produtos como nas embalagens.

A D-Link recomenda que desligue os seus produtos D-Link quando estes não se encontrarem em utilização. Com esta acção ajudará a poupar energia e reduzir as emissões de CO<sub>2</sub>.

Para saber mais sobre os nossos produtos e embalagens responsáveis a nível ambiental visite [www.dlinkgreen.com](http://www.dlinkgreen.com).