



## User Manual

# MovieNite™ Streaming Media Player

# 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.

## Manual Revisions

Revision	Date	Description
1.0	April 2, 2012	• Initial Release

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# Product Overview

## Package Contents

- DSM-310 MovieNite™ Streaming Media Player
- Remote Control
- Two AAA Batteries
- Composite Audio/Video Cable
- Power Adapter
- Quick Installation Guide

*If any of the above items are missing, please contact your reseller. Note that this product does not include an Ethernet or HDMI cable. For the best quality video and audio, it is strongly recommended to purchase an HDMI cable.*

## System Requirements

- HDTV with an HDMI input or a standard TV with a composite (standard A/V) input
- Wired or wireless network connection with Internet connectivity
- Optional: AV receiver with HDMI input or composite (standard A/V) input

**Note:** For HD quality video (480p/720p/1080i/1080p) you must use an HDMI connection. Composite cables do not support HD video.

# Features

## **Stream new movie releases the same day they come out on DVD with VUDU®**

VUDU® gives you instant access to the latest movie and TV show releases and you only pay for what you watch (no subscription or late fees). VUDU delivers a cinema-like experience at home with HDX, featuring stunning 1080p True Digital video and rich Dolby Digital Plus surround sound.

## **Easy to Set Up and Easier to Use**

Set up the D-Link MovieNite™ in three easy steps. Simply plug MovieNite into your TV and power outlet, then setup MovieNite using the on-screen menu. Then just sit back with your remote in hand and enjoy the show.

## **Instant Access to movies, music, and photos on your HDTV**

With MovieNite, you can stream movies, music, and photos from VUDU, Netflix, YouTube, Pandora, and Picasa on the Internet right to your HDTV. MovieNite starts your night off right with an abundance of movies, music, and pictures to choose from with our user-friendly remote and interface. Avoid crowding around your laptop and enjoy the party from the comfort of your own couch.

## **Enjoy a home theater experience in stunning 1080p quality**

Renting a DVD or Blu-Ray? Save on going out for movies with the endless array of movie selections on Netflix or VUDU available anytime you want. MovieNite is the cheaper, better solution to costly and inconvenient movie tickets and rentals. Achieve the same quality, in-home theater experience with HD movies in 1080p on your big screen TV.

## **Free MovieNite™ remote app available for iPhone® and Android™**

Control your MovieNite by using the remote app available for iPhone® and Android™ smartphones.

**For the latest firmware version and updated apps, please upgrade the firmware on your MovieNite™. Once you first connect to the Internet, you may be prompted that a new version is available. Follow the on-screen instructions to update the firmware or refer to page 20 to manually check for an update.**

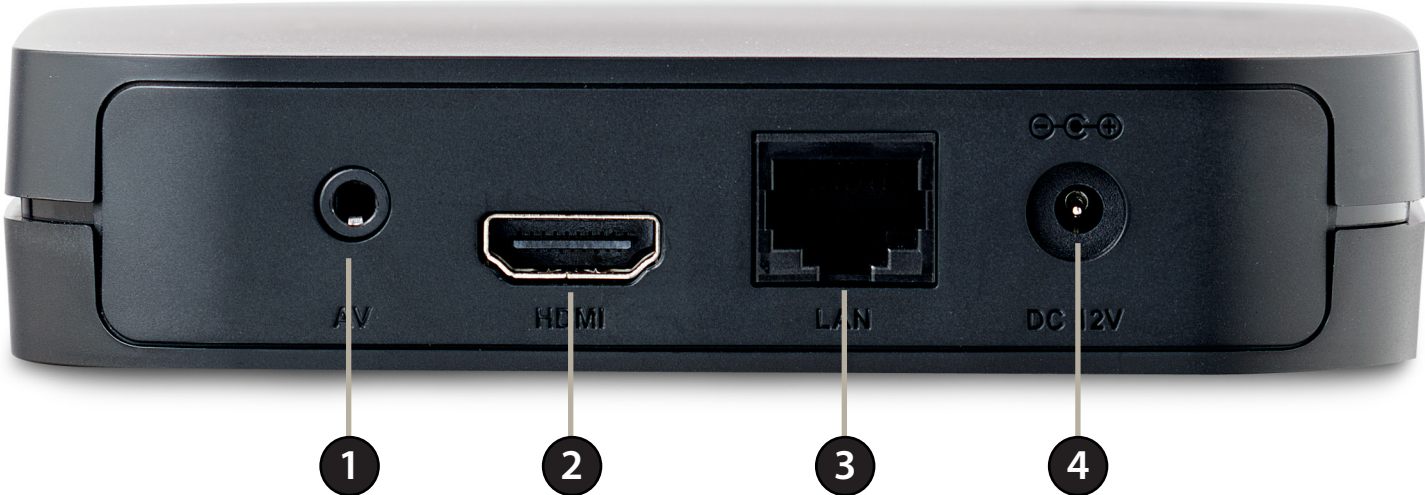
# Hardware Overview

## LED



1	LED	Solid green light indicates when the DSM-310 has a good connection to your network. The light will be amber during boot-up and if there is no connection to your network.
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# Connections



1	AV Port	Connect the supplied composite A/V cable here and the other three plugs into your TV or A/V receiver. If you are using an HDMI connection, you do not have to connect this cable.
2	HDMI Port	Connect an HDMI cable (not included) here and the other end into your TV or A/V receiver.
3	LAN Port	Connect an Ethernet cable (not included) here and the other end to your network (router, gateway or switch). If you would like to connect using a wireless connection, do not connect an Ethernet cable.
4	Power Receptor	Connect the supplied power adapter here and the other end into an outlet or surge protector.



# Remote Control Overview

1	Press to turn the DSM-310 on and off
2	Stop
3	Previous Button (function depends on app)
4	Forward Button (function depends on app)
5	Rewind Button
6	Play/Pause Button
7	Fast Forward Button
8	Directional Pad to navigate menus
9	OK/Enter Button
10	Press to go to the home page
11	Back Button
12	Options Button (function depends on app)
13	Press to launch Vudu
14	Press to launch Netflix
15	Press to launch Pandora
16	Press to launch YouTube



# Wireless Installation Considerations

The DSM-310 allows you access to your network using a wireless connection from virtually anywhere within the operating range of your wireless router or access point. Keep in mind, however, that the number, thickness and location of walls, ceilings, or other objects that the wireless signals must pass through, may limit the range. Typical ranges vary depending on the types of materials and background RF (radio frequency) noise in your home or business. The key to maximizing wireless range is to follow these basic guidelines:

1. Keep the number of walls and ceilings between the wireless router/AP and other network devices to a minimum - each wall or ceiling can reduce your adapter's range from 3-90 feet (1-30 meters.) Position your devices so that the number of walls or ceilings is minimized.
2. Be aware of the direct line between network devices. A wall that is 1.5 feet thick (.5 meters), at a 45-degree angle appears to be almost 3 feet (1 meter) thick. At a 2-degree angle it looks over 42 feet (14 meters) thick! Position devices so that the signal will travel straight through a wall or ceiling (instead of at an angle) for better reception.
3. Building Materials make a difference. A solid metal door or aluminum studs may have a negative effect on range. Try to position access points, wireless routers, and computers so that the signal passes through drywall or open doorways. Materials and objects such as glass, steel, metal, walls with insulation, water (fish tanks), mirrors, file cabinets, brick, and concrete will degrade your wireless signal.
4. Keep your product away (at least 3-6 feet or 1-2 meters) from electrical devices or appliances that generate RF noise.
5. If you are using 2.4GHz cordless phones your wireless connection may degrade dramatically or drop completely. Make sure your 2.4GHz phone base is as far away from your wireless devices as possible. The base transmits a signal even if the phone is not in use.

# Installation

## Before You Begin

- If you're setting up a wireless connection, make sure you know the wireless network name (SSID), security password (if you are using encryption) and the security type (WEP or WPA/WPA2)
- Do not place the DSM-310 inside a cabinet if you are using a wireless connection. Your signal will degrade or you may not connect at all depending on the location of your wireless router or access point. Place in an open area for best results.
- Make sure you have all the required cables. HDMI and Ethernet cables are not included.
- Place the DSM-310 unit away from heat sources such as radiators, heat registers, and avoid setting the unit directly on top of a receiver, set top box, DVR or other appliances that produce heat.

### **The quality of the video and audio will depend on several factors:**

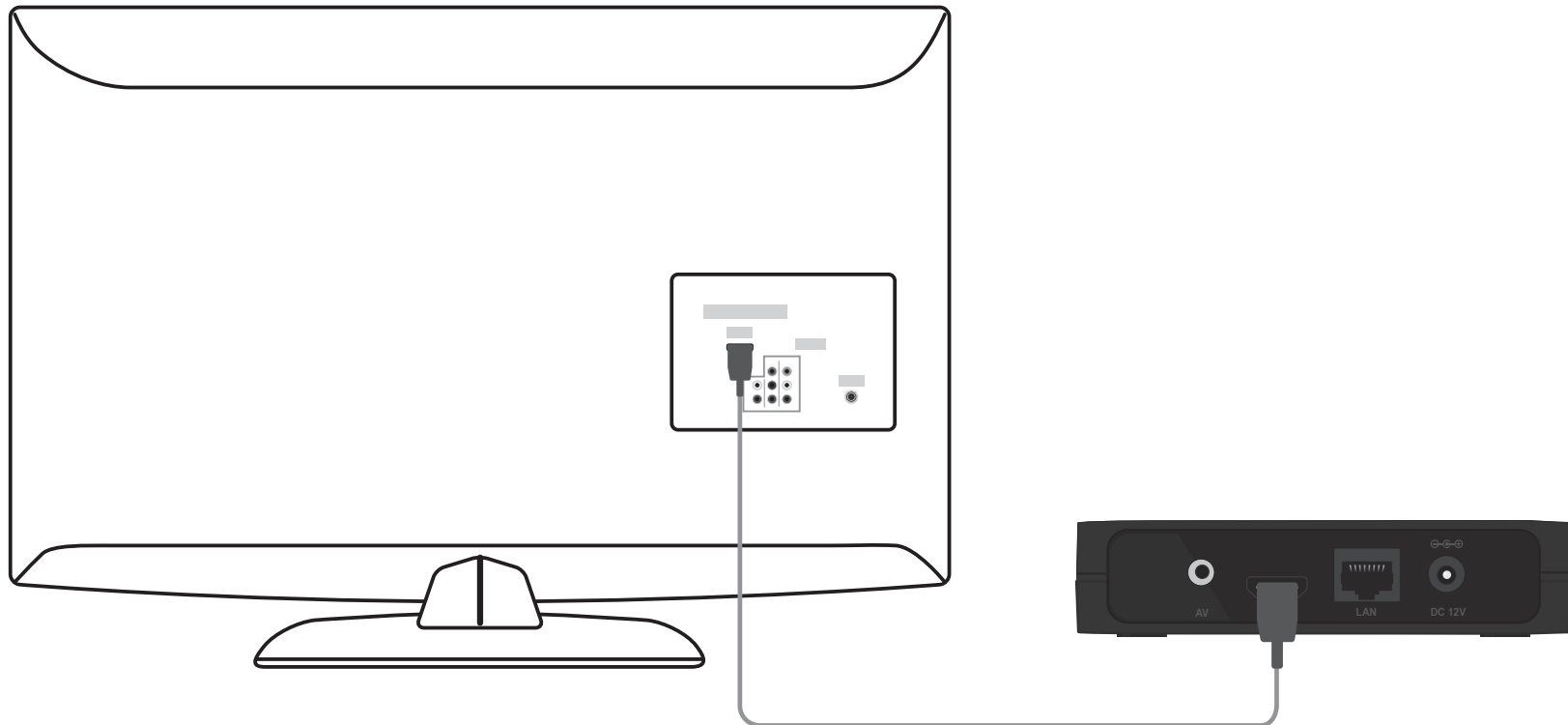
- The type of audio and video connections you use to connect the DSM-310 and your TV may impact sound and picture quality. Use HDMI for the best possible video and audio quality. HDMI is required for video resolution 480p and above, and for surround sound (5.1).
- Your Internet speed/quality will affect streaming quality. Download speeds of 4.0Mbps or faster is recommend for the best quality video. Sometimes your broadband speed may change based on your ISP's network conditions. Contact your ISP if you have problems/questions about your connection speeds and quality. The type/quality of router can also affect your Internet/network speeds.
- Your home network may also affect speed and quality. Online gaming, large downloads or transfers, streaming from other sources, etc. while using your DSM-310 may cause your network to slow down.

# Connect Directly to a TV

Follow the steps below to connect and install your MovieNite™ Media Player directly to your TV:

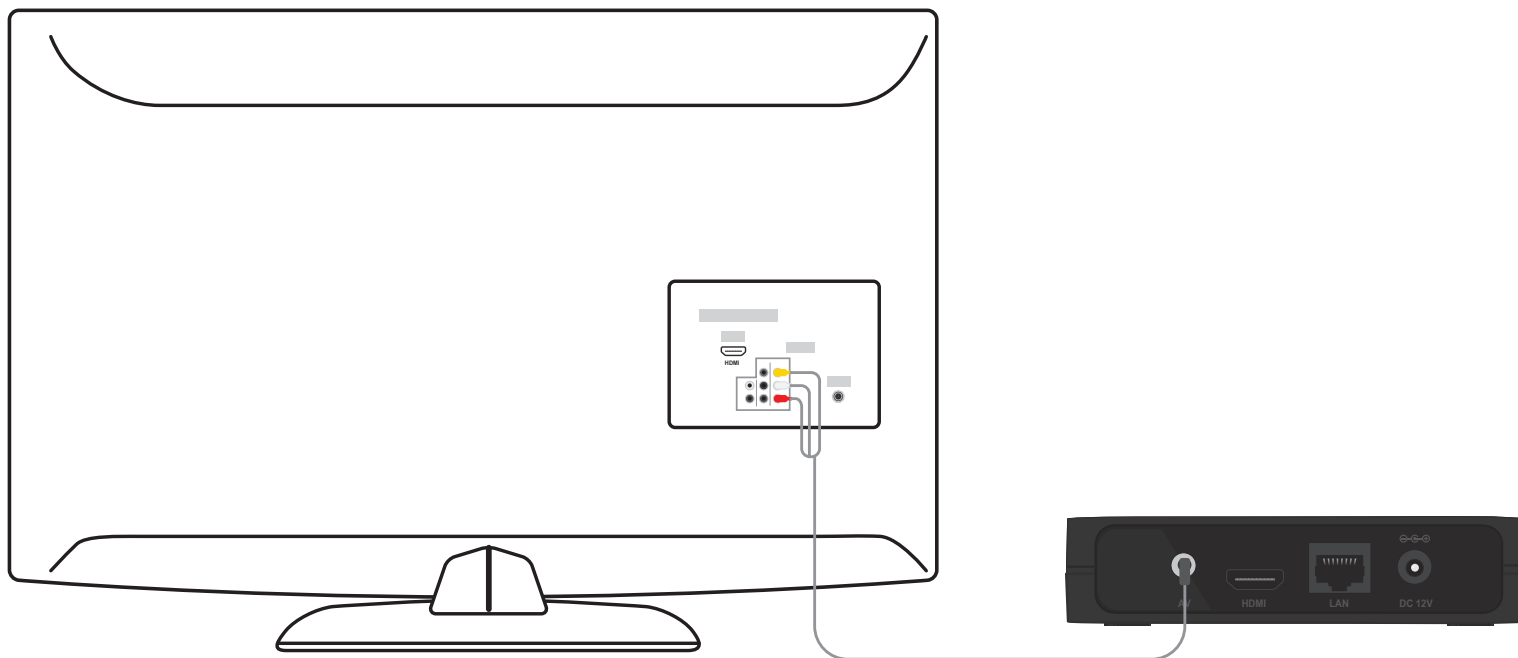
## Step 1

Connect an HDMI cable (not included) to the HDMI port on the DSM-310 and the other end into an available HDMI input port on your TV. Note that HDMI is required for HD resolution.



If you do not have an HDMI cable or a TV with an HDMI port, connect the supplied A/V cable into the AV port on the DSM-310 and the other end into the correct matching input ports on your TV (yellow is for video, red and white are for audio).

**Note:** A composite connection made with the supplied A/V cable will not be capable of HD output to your TV. Also, do not connect the device through a VCR. Video signals fed through VCRs may be affected by copyright protection systems and the picture will be distorted on the television.



### Step 2

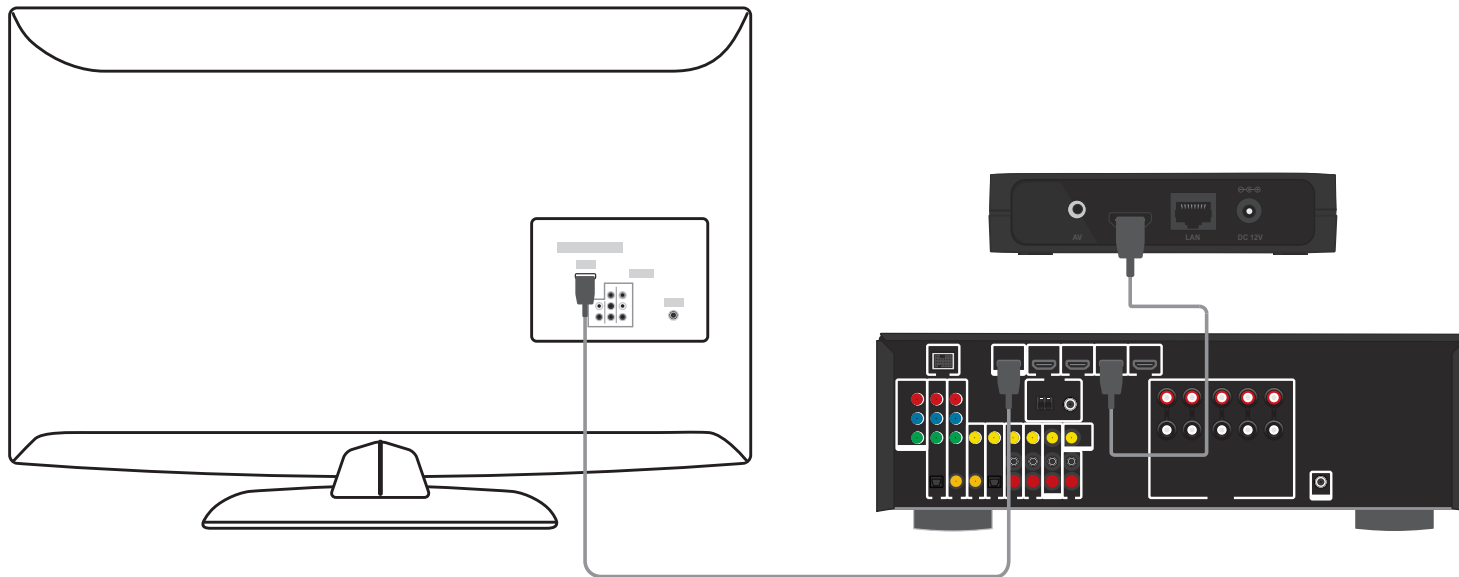
Power on your TV and select the correct video output. Skip to Step 3 on page 11.

# Connect to an A/V Receiver

Follow the steps below to connect and install your MovieNite™ Media Player to an A/V receiver\*:

## Step 1

Connect an HDMI cable (not included) to the HDMI port on the DSM-310 and the other end into an available HDMI input port on your receiver. Note that HDMI is required for HD resolution. If you are unable to connect using an HDMI cable, connect the supplied A/V cable into the AV port on the DSM-310 and the other end into the correct matching input ports on your receiver (yellow is for video, red and white are for audio).



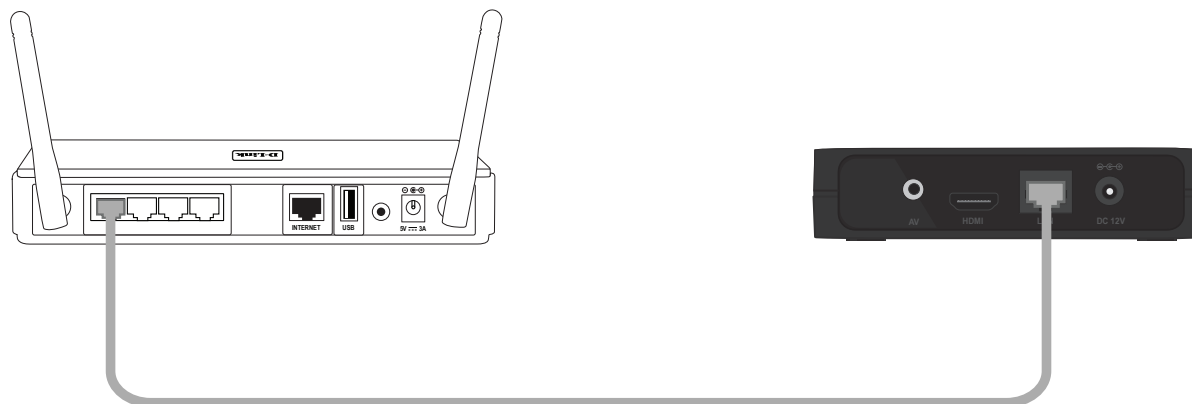
## Step 2

Power on your TV and your receiver. Select the correct video output on your TV and correct input/mode on your receiver.

\* Please refer to your A/V receiver's user manual for more information if you are unsure about how to connect and operate your receiver.

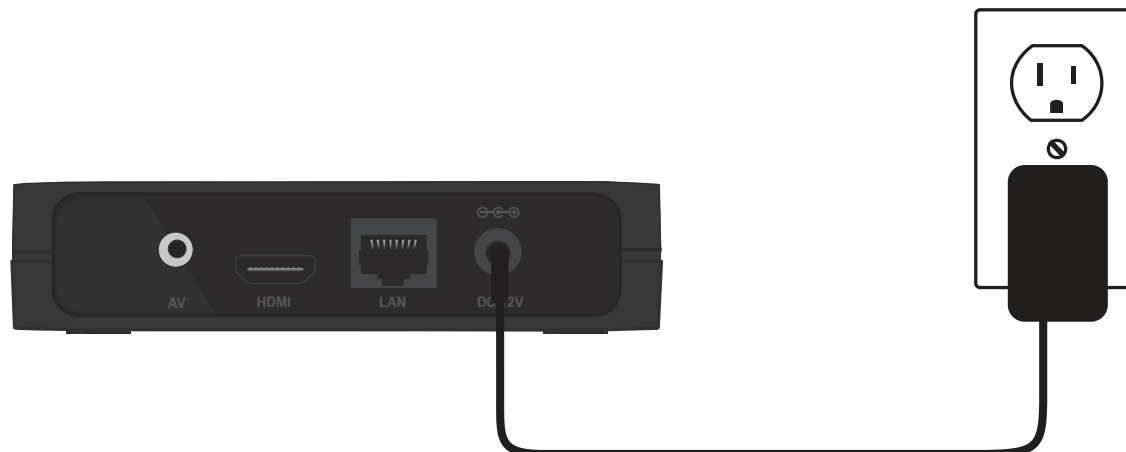
### Step 3

Connect an Ethernet cable (not included) to the LAN port on the DSM-310 and other end into your network (via router, gateway, or switch). If you want to use the built-in wireless adapter, do not connect the Ethernet cable. The on-screen setup wizard will allow you configure your wireless settings.



### Step 4

Connect the supplied power adapter to the power receptor on the DSM-310 and plug it into a power outlet or surge protector. The device will power on.



### Step 5

You will see the MovieNite™ screen appear. Follow the on-screen setup (if any) to configure your DSM-310 media player. You can manually change your settings by clicking the gear icon (upper-right corner) from the Home page by pressing the up arrow button on your remote.

Use the left and right arrow buttons on your remote to navigate through the apps. Select the app you want to connect to and press the **OK** button. Depending on the app, you may need to create an account and sign in to use.





# Apps

## VUDU

VUDU provides the largest library of HD movies, and you pay only for what you watch without a subscription or late fees.

You can launch VUDU from the Home page or press the VUDU button on your remote at any time.

- Log in with your existing user account information or create a new user account.
- Use the **up**, **down**, **left**, and **right** arrow buttons to navigate through your selections and press the **OK** button to make a selection.
- Press the **back** button to back out of the current selection or page.
- During the movie, you can use the **forward**, **previous**, **stop**, **pause/play**, **rewind** and **fast-forward** buttons.
- Press the **home** button at any time to go to the MovieNite™ Home page.

## Netflix

Watch unlimited movies and TV shows instantly. Watch as often as you want, anytime you want.

You can launch Netflix from the Home page or press the Netflix button on your remote at any time.

- Log in with your existing user account information or create a new user account.
- Use the **up**, **down**, **left**, and **right** arrow buttons to navigate through your selections and press the **OK** button to make a selection.
- Press the **back** button to back out of the current selection or page.
- During the movie, you can use the **forward**, **previous**, **stop**, **pause/play**, **rewind** and **fast-forward** buttons.
- Press the **home** button at any time to go to the MovieNite™ Home page.

## YouTube

Discover and watch video clips from the Internet.

You can launch YouTube from the Home page or press the YouTube button on your remote at any time.

- Press the **up** button and click **OK** to search or press the **down** button to view popular videos.
- Use the **up, down, left, and right** arrow buttons to navigate through your selections and press the **OK** button to make a selection.
- Press the **back** button to back out of the current selection or page.
- During the video, you can use the **stop, pause/play, rewind** and **fast-forward** buttons.
- Press the **home** button at any time to go to the MoveNite™ Home page.

## Pandora

Listen to free Internet radio. Personalize your stations and discover new music.

You can launch Pandora from the Home page or press the Pandora button on your remote at any time.

- Log in with your existing user account information or create a new user account.
- Use the **up, down, left, and right** arrow buttons to navigate through your selections and press the **OK** button to make a selection.
- Press the **back** button to back out of the current selection or page.
- During music playback, you can use the **forward, previous, stop, pause/play, rewind** and **fast-forward** buttons.
- Press the **home** button at any time to go to the MovieNite™ Home page.

## Picasa

View your photos and slide shows on your TV with Picasa.

You can launch Picasa from the Home page.

- Log in with your existing user account information or create a new user account if desired.
- Use the **up, down, left, and right** arrow buttons to navigate through your selections and press the **OK** button to make a selection.
- Press the **back** button to back out of the current selection or slide show.
- During a slide show, you can use the **forward, previous, stop, pause/play** buttons.
- Press the **home** button at any time to go to the MovieNite™ Home page.


## mydlink

Conveniently view your live mydlink-enabled network cameras on your TV using the mydlink app on your MovieNite™. Monitor what is happening in your home and keep an eye on your kids or pets.

You can launch mydlink from the Home page.

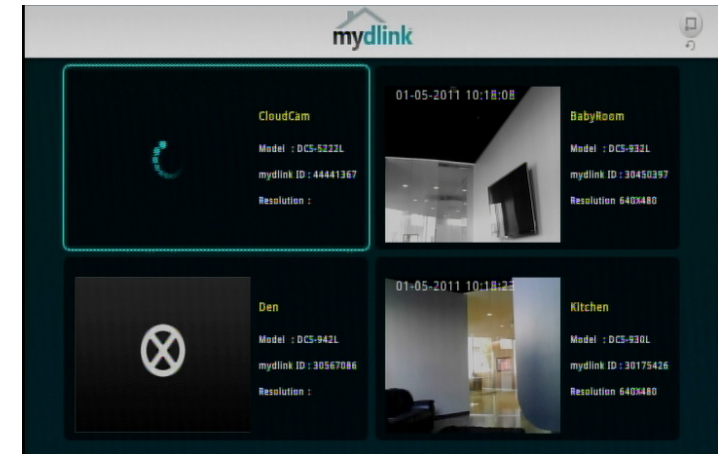
The home page will display all your camera's live video. In our example we have 4 cameras, 3 turned on. The icon in the lower-left corner indicates that there is no connection to that camera (our 4th camera which is turned off).

Use the arrow buttons to select the camera you want to view and press the **OK** button.

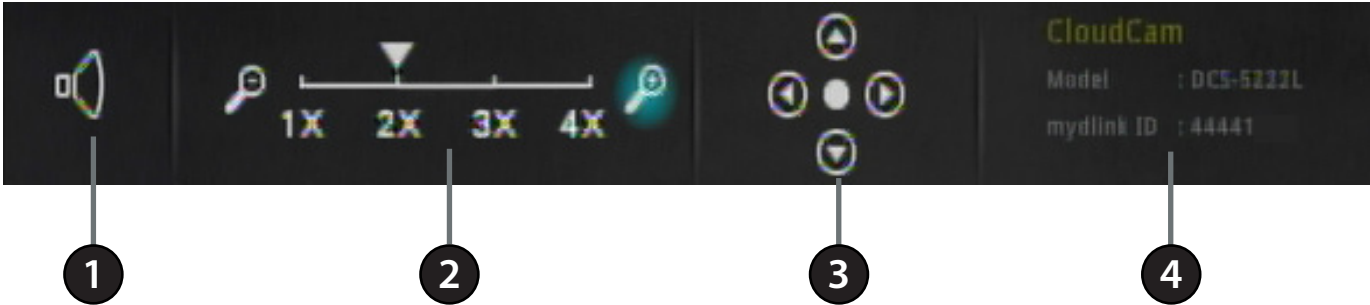
You can press the options button  on the remote to refresh the home page immediately. This is useful if you add a new camera.

When you select the camera you want to view, its live video feed will display full screen. Depending on your camera, different icons will be displayed at the bottom where you can turn audio on or off, zoom, pan, and tilt. Refer to the next page for more information. Your camera model and mydlink ID number will also be displayed.

To go back to the mydlink home page, press the back button on your remote.



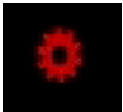
Use the arrow buttons on your remote to move the light blue/teal cursor to the icon you want to select then click the **OK** button.



1	Audio	Select to turn the audio on or off. Audio must be enabled on your camera.
2	Zoom	Select the minus icon (left) to zoom out or select the plus icon (right) to zoom in.
3	Pan/Tilt	Select the arrow icon in the direction you want to pan or tilt your camera. Select the middle icon for your camera's "home" position. If your camera does not support pan/tilt, these icons will not be displayed.
4	Camera Information	Your camera name, model number, and its mydlink ID will be displayed here.

# Configuration

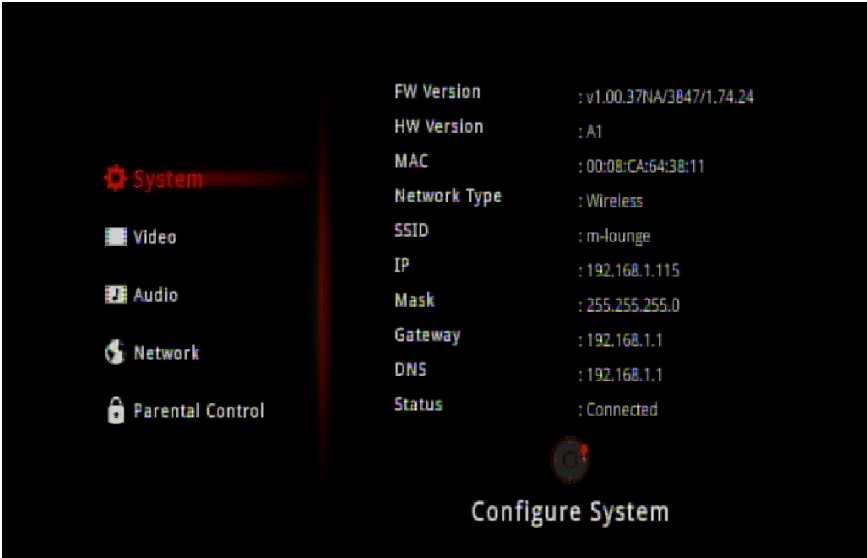
Your DSM-310 will automatically detect your network and TV settings. If you would like to manually configure your settings, upgrade firmware, and other advanced functions, navigate up to the gear icon on the home page and press the **OK** button.



## System

The System screen will display the following device information:

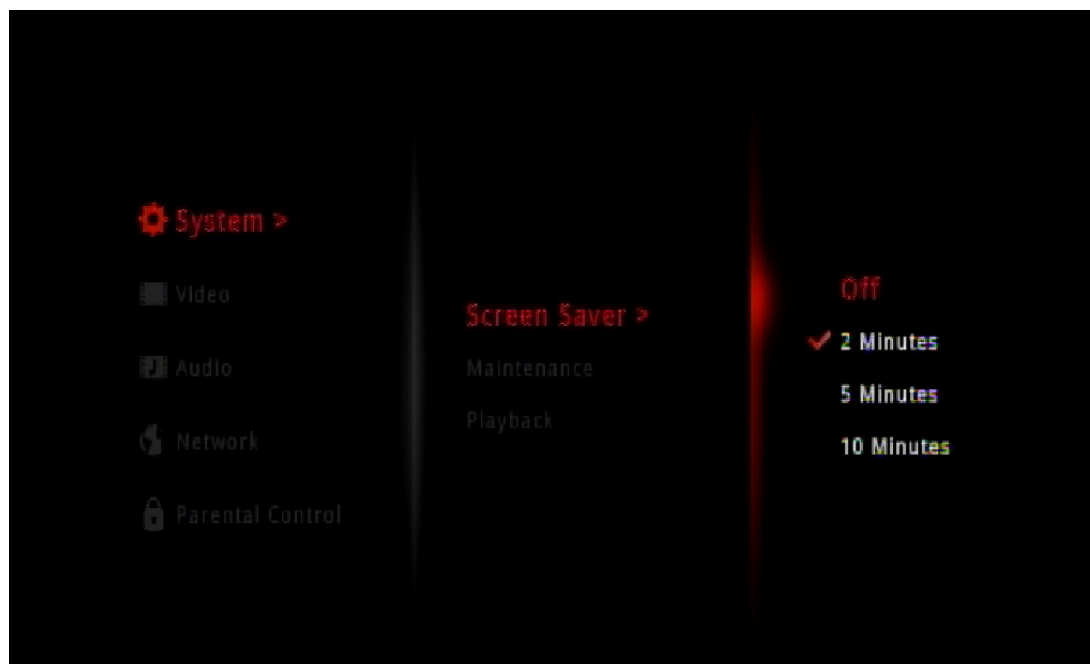
- FW Version:** The current firmware version of your DSM-310.
- HW Version:** The hardware revision.
- MAC:** The MAC address of the DSM-310.
- Network Type:** Displays the current network setting (Wired or Wireless).
- SSID:** Displays the wireless network name (SSID) that the DSM-310 is currently connected to (if wireless is selected).
- IP:** The IP address of the DSM-310.
- Mask:** The subnet mask of the network you are connected to.
- Gateway:** The default gateway (usually the IP address of your router).
- DNS:** The primary DNS server.
- Status:** Displays the current status (Connected or Disconnected).



**Press the right arrow to access System options (refer to the next page).**

## Screen Saver

Select the amount of idle time before the screen saver will start (**2**, **5**, or **10** minutes) or select **Off** to disable the screen saver.



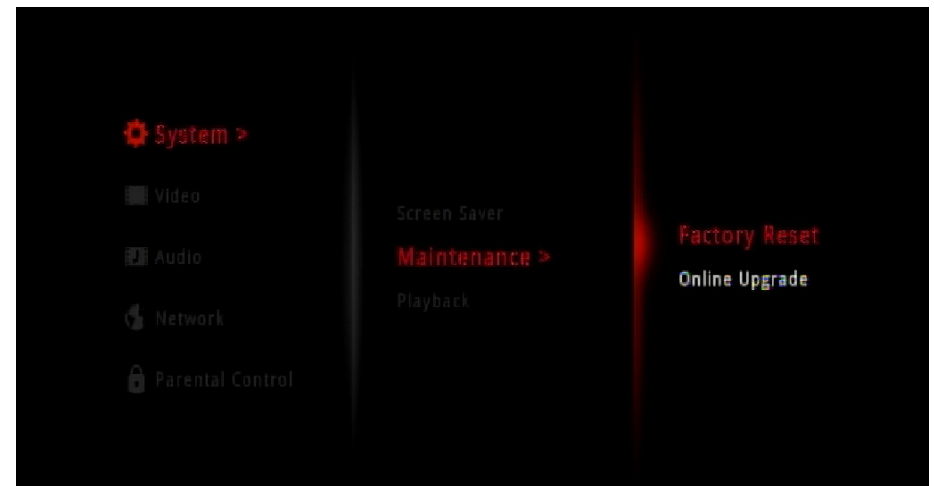
# Maintenance

Select **Maintenance** to perform a factory reset or to manually upgrade the firmware.

## Factory Reset

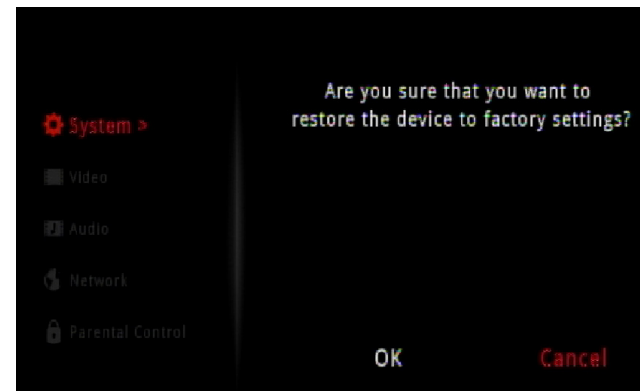
Select **Factory Reset** to erase all your settings and set the DSM-310 to the default settings.

**Step 1** - Select **Factory Reset** and press the **OK** button on your remote.



**Step 2** - Select **OK** and press the **OK** button on your remote to start the reset process or select **Cancel**.

**Note:** A factory reset will deactivate the account information for all of the apps. You will need to re-enter your account information by selecting the app from the Home page.



## Online (Firmware) Upgrade

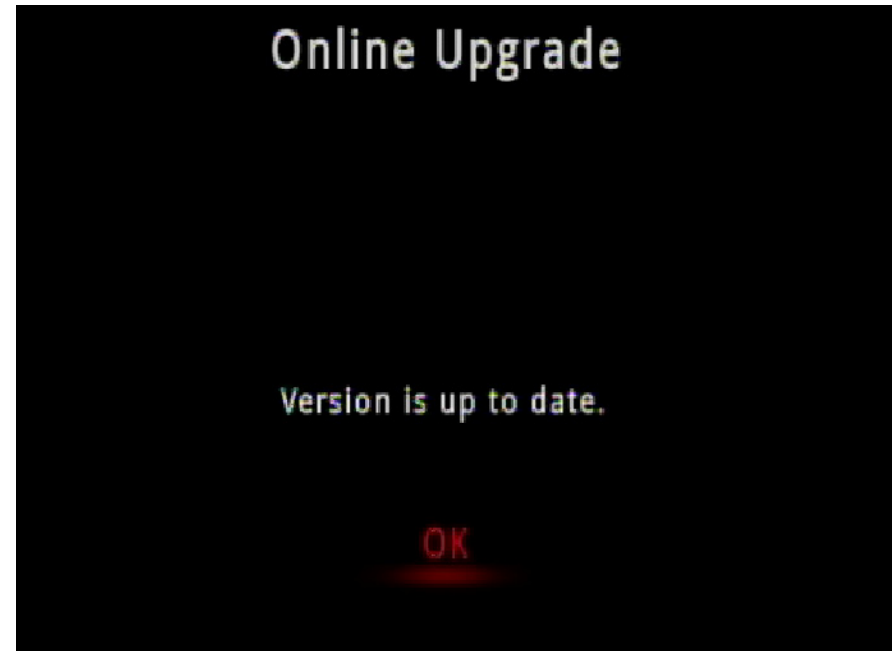
**Step 1** - Select **Online Upgrade** and press the **OK** button on your remote.



**Step 2** - If there is a new firmware available, a message indicating an update is available will appear. Select **OK** to start the upgrade process.

Do NOT turn the DSM-310 off during the upgrade process.

If the firmware is up to date, select **OK** and press the **OK** button on your remote.





## Playback

Select **Playback** to deactivate your Netflix or Vudu accounts. The DSM-310 can only be associated with one Netflix and one Vudu account. If you want to sign in with a different account, you will have to perform this deactivation and then go to the Netflix or Vudu app to sign back in.

**Note:** If you ever sell or give your DSM-310 to another user, remember to deactivate your Netflix and Vudu accounts. You can also perform a factory reset to deactivate all accounts (recommended).



# Video

## Resolution

Select **Resolution** to change the screen resolution. Select **Auto** (recommended), **NTSC** (480i for older analog TVs), **480p**, **720p**, **1080i**, or **1080p**.

**Note:** You must use an HDMI cable for 480p, 720p, 1080i, and 1080p resolutions.



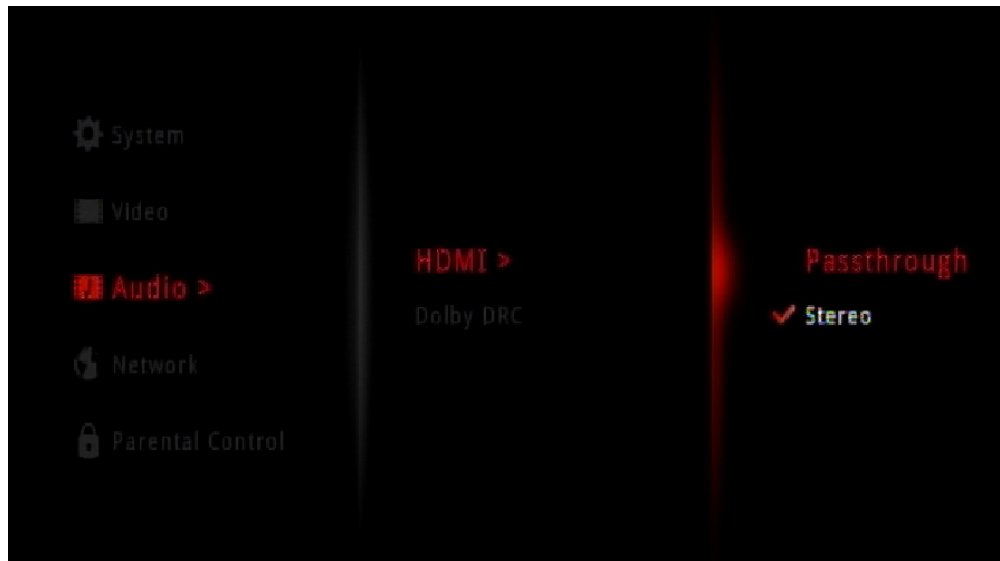
# Audio

## HDMI

There are 2 options for Audio with an HDMI connection: **Passthrough** or **Stereo**.

Passthrough will send the raw undecoded audio from the source. This option is required for 5.1 surround sound (Dolby Digital Plus).

If your TV does not support Dolby Digital Plus, select **Stereo**. This will set the audio to 2-channel stereo. Enable if you are having audio issues with older, incompatible equipment.



## Dolby DRC

Dolby DRC (Dynamic Range Compression), when selected **On**, will raise the level of quiet sounds and lower the level of loud sounds. This is useful if you are watching a movie with loud explosions and you don't want to wake up others sleeping in another room without turning the volume down too much. By default this option is set to **On**.

Select **Off** for a better sound experience (recommended).



# Network

The Network screen will display the following information:

**MAC:** The MAC address of the DSM-310.

**Network Type:** Displays the current network setting (Wired or Wireless).

**SSID:** Displays the wireless network name (SSID) that the DSM-310 is currently connected to (if wireless is selected).

**IP:** The IP address of the DSM-310.

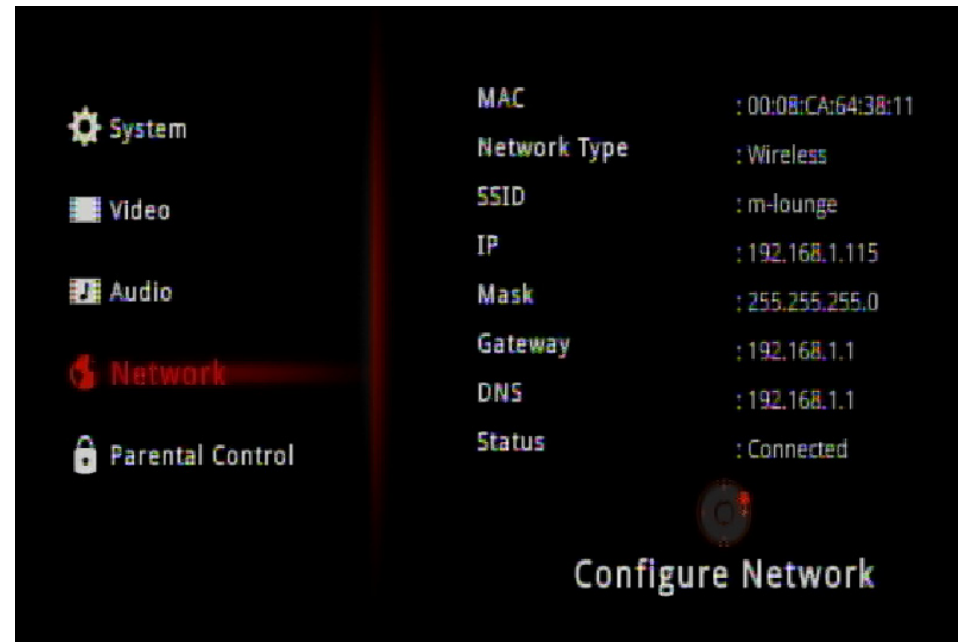
**Mask:** The subnet mask of the network you are connected to.

**Gateway:** The default gateway (usually the IP address of your router).

**DNS:** The primary DNS server.

**Status:** Displays the current status (Connected or Disconnected).

**Press the right arrow to access System options (refer to the next page).**

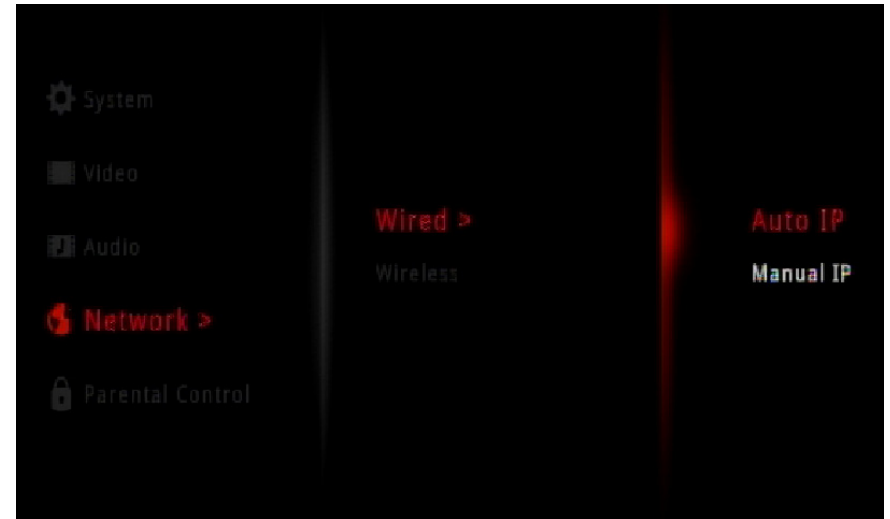


To edit your network settings, or change from wired to wireless (or vice-versa), press the right arrow button on your remote. Select **Wired** or **Wireless** and press the **OK** button on your remote. Refer to the next page to set up a wired (Ethernet) connection or skip to page 27 to connect to a wireless network.

## Wired (Ethernet)

**Step 1** - Select **Wired** to use an Ethernet connection and press the **OK** button on your remote.

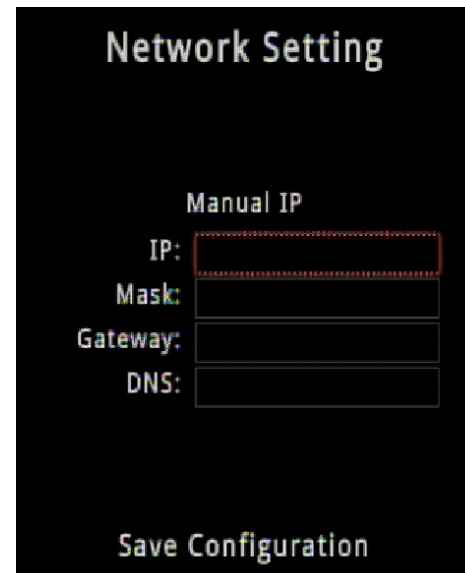
**Step 2** - Select **Auto IP** to receive your network settings from a DHCP-enabled router or gateway. If you want to manually set your network settings, select **Manual IP** and continue to step 3 below.



**Step 3** - Enter an IP address for the DSM-310, the subnet mask of your network, the default gateway IP address (usually the IP address of your router), and a DNS server.

To enter your settings, select a box using the arrow buttons and press the **OK** button to bring up the on-screen keyboard.

Select **Save Configuration** and press **OK** on your remote.



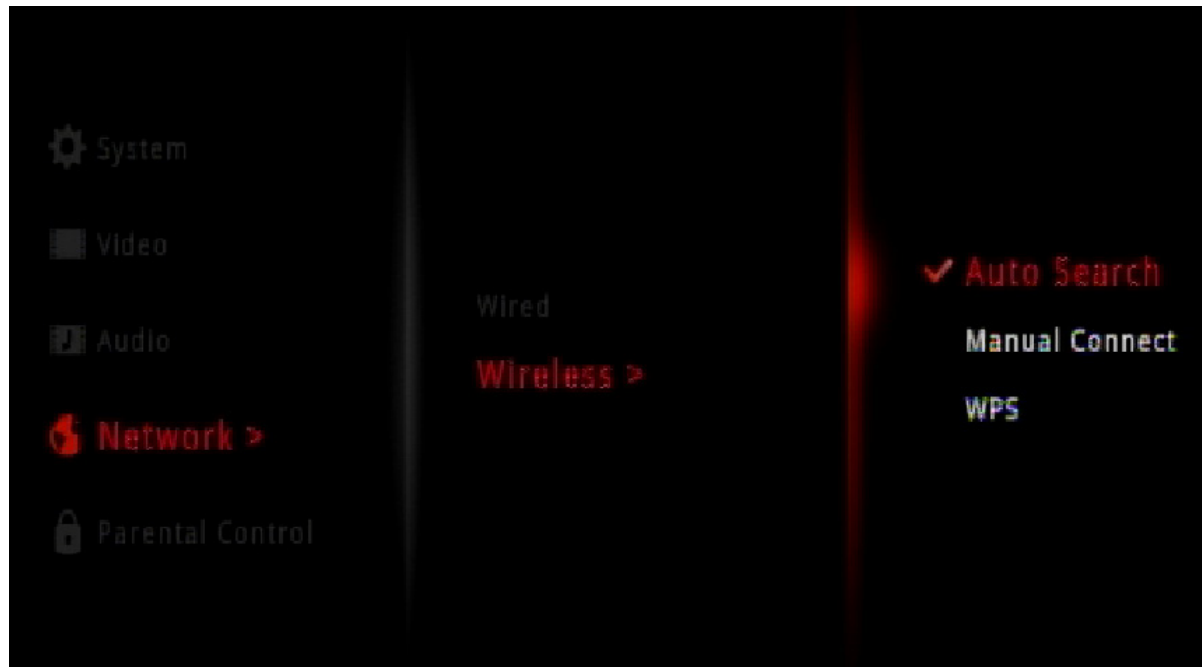
## Wireless

There are 3 ways to connect your DSM-310 to your wireless network: **Auto Search**, **Manual Connect**, and **WPS**.

**Auto Search** - Select to launch a site survey window and you can select from any available wireless network. Refer to the next page.

**Manual Connect** - Enter the settings for your wireless network manually. You will need to know the SSID and security passphrase (if any). Refer to page 29.

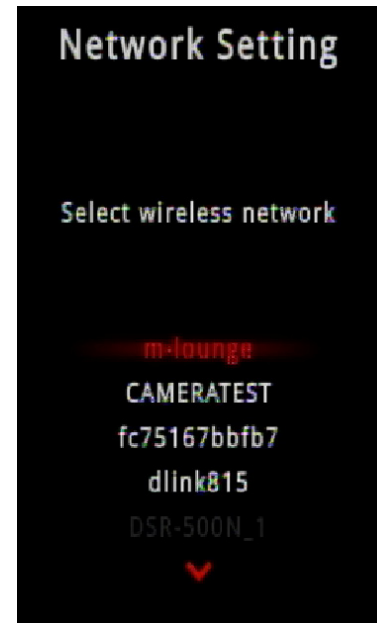
**WPS** - If your router or access point supports WPS, this is the easiest and most secure method. Refer to page 30.



## Auto Search (Site Survey)

**Step 1** - Select **Auto Seach** and press the **OK** button on your remote.

**Step 2** - A list of wireless networks in your area will appear. Select the network you want to connect to and press the **OK** button on your remote.



**Step 3** - If the network you are connected to is secure, you will be prompted to enter the security password. Use the on-screen keyboard and enter the password. Select **Enter** and then press the **OK** button on your remote.

**Note:** *The password is case-sensitive.*

Your DSM-310 will now connect to your wireless network.





## Manual Connect

**Step 1** - Select **Manual Connect** and press the **OK** button on your remote.

**Step 2** - Select the SSID box and press **OK** on your remote. Use the on-screen keyboard to enter the wireless network name (SSID). Select **Enter** and then press the **OK** button on your remote.

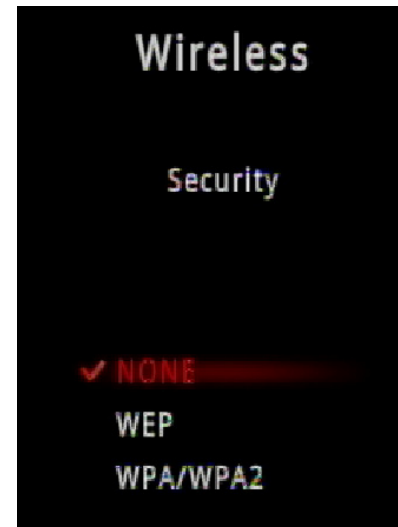
**Step 3** - Select the Password box and press **OK** on your remote. Use the on-screen keyboard to enter the wireless security password. Select **Enter** and then press the **OK** button on your remote. Leave blank if you are not connecting to a secure network.

**Note:** *The SSID and Password must be exactly the same as on your wireless router or access point (case-sensitive).*

A screenshot of a black screen titled "Wireless" in white. Below the title, the text "Enter Network Information" is displayed. There are three input fields: "SSID:" with a red rectangular cursor, "Password:" with a red rectangular cursor, and "Security:" with the text "NONE" already entered. At the bottom of the screen, the word "Connect" is displayed in white.

**Step 4** - Click the Security box to select the type of encryption being used on your network (**NONE**, **WEP**, or **WPA/WPA2**).

**Step 5** - Select **Connect** and press the **OK** button on your remote. Your DSM-310 will now connect to your wireless network.

A screenshot of a black screen titled "Wireless" in white. Below the title, the word "Security" is displayed in white. There are three options listed: "✓ NONE" with a red checkmark and red text, "WEP" in white, and "WPA/WPA2" in white.

## WPS

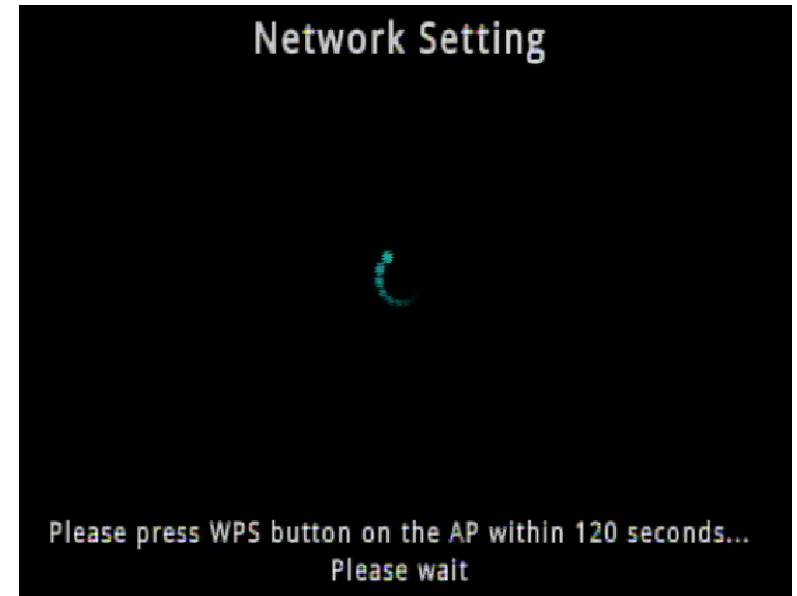
The easiest and most secure way to connect your DSM-310 to your wireless network is WPS (Wi-Fi Protected Setup). Most wireless routers and access points will have a WPS button (or a software utility with WPS) that you can press to connect to the DSM-310. Please refer to your user manual for your wireless router or access point to make sure you understand how to enable WPS.

**Step 1** - Select **WPS** and press the **OK** button on your remote.

**Step 2** - Once this screen appears, press the WPS button on your router or access point (or launch WPS in its web UI) within 2 minutes.

**Step 3** - Allow about a minute for the devices to connect and configure.

**Note:** *If for some reason the DSM-310 does not connect to your network, it may be out of range. Move the DSM-310 closer to your router or access point (in the same room) and repeat steps 1-2. Once connected, then try moving the DSM-310 back near your TV.*

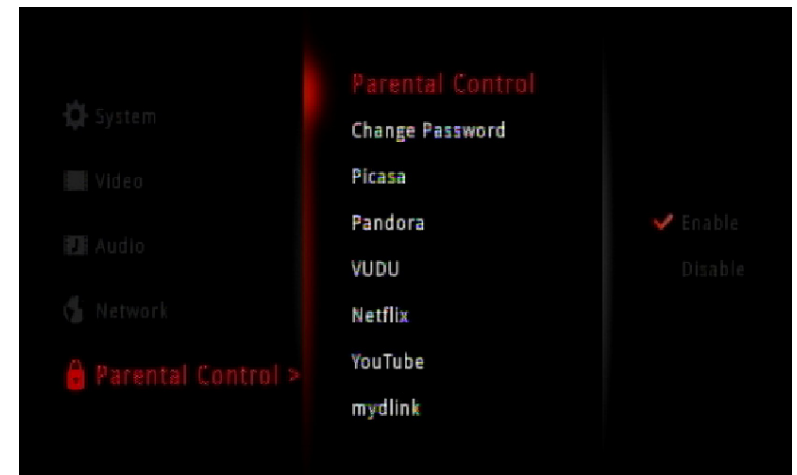


# Parental Control

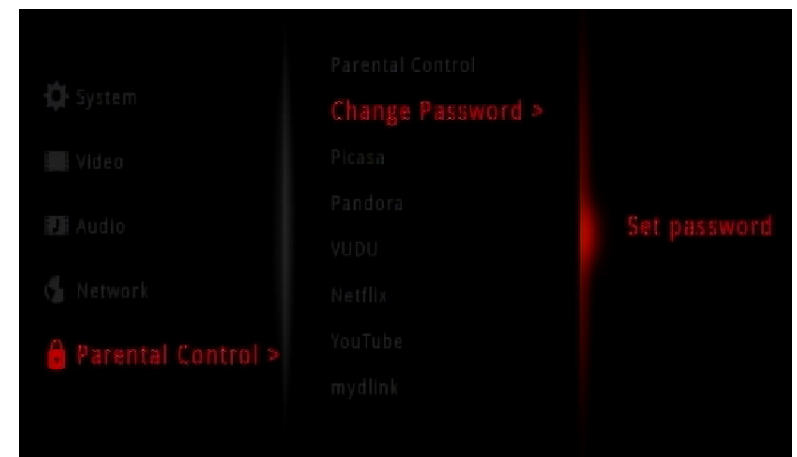
The Parental Control section will allow you to disable and password-protect any of the DSM-310 apps. If enabled, you will have to enter the 4-digit password when you launch an app.

**Step 1** - Select **Parental Control**, select **Enable**, and then press the **OK** button on your remote.

**Step 2** - Select **Change Password** and press the **OK** button on your remote.



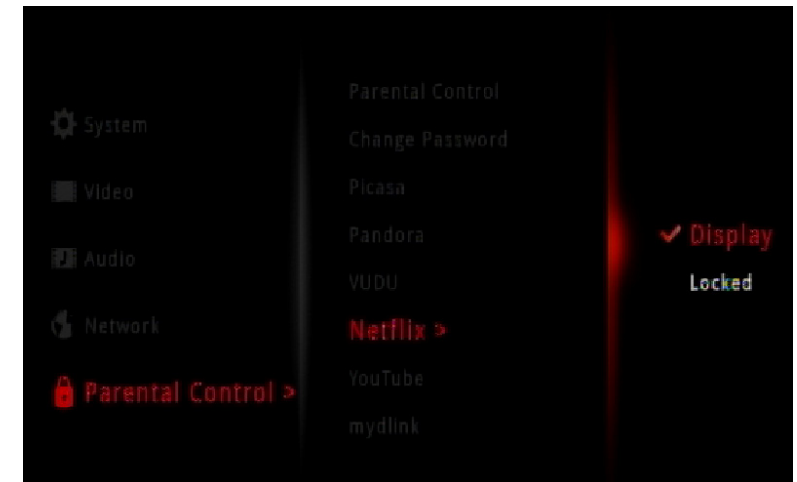
**Step 3** - Select **Set Password** and press the **OK** button on your remote.



**Step 4** - Use the up and down arrow buttons to select a number and then press the right arrow button to move to the next box. Once you select the 4-digit password, click the **OK** button.



**Step 5** - By default, all the apps are not password-protected. You can choose which apps you want to protect. Select the app and then click the right-arrow button. Select **Locked** and press the **OK** button.



# Technical Specifications

## Online Apps

### Movies & TV Shows

- Netflix
- Vudu
- YouTube

### Music

- Pandora

### Pictures

- Picasa

### Other

- mydlink

## Video/Audio Playback

- Up to 1080p with an HDMI connection and up to 5.1 channel audio
- 480i on standard A/V (composite) and 2 channel stereo audio

## Network

- Built-in 802.11n wireless (2.4GHz) (Wi-Fi)
- Ethernet 10/100 Port

## Network Protocols

- IPv4, ARP, UDP, ICMP
- DHCP Client
- DNS Client
- HTTP

## Remote Device Support

- MovieNite™ remote app available for iPhone® and Android™

## Connectors

- HDMI 1.4 output
- Audio/Video analog
- 10/100 Ethernet
- AC Power

## LED

- Amber/green connection status

## Power

- 12V / 1A

## Dimensions

- 4.8 x 4.6 x 1.1 inches (124 x 117 x 27mm)

## Weight

- 6.5oz (180g)

## Operating Temperature

- 32° to 104° F (0° to 40° C)

## Storage Temperature

- -13° to 158° F (-25° to 70° C)

## Operating Humidity

- 10% to 95% RH non-condensing

## Certifications

- FCC class b
- HDMI
- Dolby Digital Plus
- Wi-Fi

# Warranty

Subject to the terms and conditions set forth herein, D-Link Systems, Inc. ("D-Link") provides this Limited Warranty:

- Only to the person or entity that originally purchased the product from D-Link or its authorized reseller or distributor, and
- Only for products purchased and delivered within the fifty states of the United States, the District of Columbia, U.S. Possessions or Protectorates, U.S. Military Installations, or addresses with an APO or FPO.

## **Limited Warranty:**

D-Link warrants that the hardware portion of the D-Link product described below ("Hardware") will be free from material defects in workmanship and materials under normal use from the date of original retail purchase of the product, for the period set forth below ("Warranty Period"), except as otherwise stated herein.

- Hardware (excluding power supplies and fans): One (1) year

The customer's sole and exclusive remedy and the entire liability of D-Link and its suppliers under this Limited Warranty will be, at D-Link's option, to repair or replace the defective Hardware during the Warranty Period at no charge to the original owner or to refund the actual purchase price paid. Any repair or replacement will be rendered by D-Link at an Authorized D-Link Service Office. The replacement hardware need not be new or have an identical make, model or part. D-Link may, at its option, replace the defective Hardware or any part thereof with any reconditioned product that D-Link reasonably determines is substantially equivalent (or superior) in all material respects to the defective Hardware. Repaired or replacement hardware will be warranted for the remainder of the original Warranty Period or ninety (90) days, whichever is longer, and is subject to the same limitations and exclusions. If a material defect is incapable of correction, or if D-Link determines that it is not practical to repair or replace the defective Hardware, the actual price paid by the original purchaser for the defective Hardware will be refunded by D-Link upon return to D-Link of the defective Hardware. All Hardware or part thereof that is replaced by D-Link, or for which the purchase price is refunded, shall become the property of D-Link upon replacement or refund.

### **Limited Software Warranty:**

D-Link warrants that the software portion of the product ("Software") will substantially conform to D-Link's then current functional specifications for the Software, as set forth in the applicable documentation, from the date of original retail purchase of the Software for a period of ninety (90) days ("Software Warranty Period"), provided that the Software is properly installed on approved hardware and operated as contemplated in its documentation. D-Link further warrants that, during the Software Warranty Period, the magnetic media on which D-Link delivers the Software will be free of physical defects. The customer's sole and exclusive remedy and the entire liability of D-Link and its suppliers under this Limited Warranty will be, at D-Link's option, to replace the non-conforming Software (or defective media) with software that substantially conforms to D-Link's functional specifications for the Software or to refund the portion of the actual purchase price paid that is attributable to the Software. Except as otherwise agreed by D-Link in writing, the replacement Software is provided only to the original licensee, and is subject to the terms and conditions of the license granted by D-Link for the Software. Replacement Software will be warranted for the remainder of the original Warranty Period and is subject to the same limitations and exclusions. If a material non-conformance is incapable of correction, or if D-Link determines in its sole discretion that it is not practical to replace the non-conforming Software, the price paid by the original licensee for the non-conforming Software will be refunded by D-Link; provided that the non-conforming Software (and all copies thereof) is first returned to D-Link. The license granted respecting any Software for which a refund is given automatically terminates.

### **Non-Applicability of Warranty:**

The Limited Warranty provided hereunder for Hardware and Software portions of D-Link's products will not be applied to and does not cover any refurbished product and any product purchased through the inventory clearance or liquidation sale or other sales in which D-Link, the sellers, or the liquidators expressly disclaim their warranty obligation pertaining to the product and in that case, the product is being sold "As-Is" without any warranty whatsoever including, without limitation, the Limited Warranty as described herein, notwithstanding anything stated herein to the contrary.

### **Submitting A Claim:**

The customer shall return the product to the original purchase point based on its return policy. In case the return policy period has expired and the product is within warranty, the customer shall submit a claim to D-Link as outlined below:

- The customer must submit with the product as part of the claim a written description of the Hardware defect or Software nonconformance in sufficient detail to allow D-Link to confirm the same, along with proof of purchase of the product (such as a copy of the dated purchase invoice for the product) if the product is not registered.
- The customer must obtain a Case ID Number from D-Link Technical Support (USA 1-877-453-5465 or Canada 1-800-361-5265), who will attempt to assist the customer in resolving any suspected defects with the product. If the product is considered defective, the customer must obtain a Return Material Authorization ("RMA") number by completing the RMA form. Enter the assigned Case ID Number at <https://rma.dlink.com/> (USA only) or <https://rma.dlink.ca> (Canada only).

- After an RMA number is issued, the defective product must be packaged securely in the original or other suitable shipping package to ensure that it will not be damaged in transit, and the RMA number must be prominently marked on the outside of the package. Do not include any manuals or accessories in the shipping package. D-Link will only replace the defective portion of the product and will not ship back any accessories.
- The customer is responsible for all in-bound shipping charges to D-Link. No Cash on Delivery ("COD") is allowed. Products sent COD will either be rejected by D-Link or become the property of D-Link. Products shall be fully insured by the customer and shipped to D-Link Systems, Inc.
- **USA residents** send to 17595 Mt. Herrmann, Fountain Valley, CA 92708. D-Link will not be held responsible for any packages that are lost in transit to D-Link. The repaired or replaced packages will be shipped to the customer via UPS Ground or any common carrier selected by D-Link. Return shipping charges shall be prepaid by D-Link if you use an address in the United States, otherwise we will ship the product to you freight collect. Expedited shipping is available upon request and provided shipping charges are prepaid by the customer. D-Link may reject or return any product that is not packaged and shipped in strict compliance with the foregoing requirements, or for which an RMA number is not visible from the outside of the package. The product owner agrees to pay D-Link's reasonable handling and return shipping charges for any product that is not packaged and shipped in accordance with the foregoing requirements, or that is determined by D-Link not to be defective or non-conforming.
- **Canadian residents** send to D-Link Networks, Inc., 2525 Meadowvale Boulevard Mississauga, Ontario, L5N 5S2 Canada. D-Link will not be held responsible for any packages that are lost in transit to D-Link. The repaired or replaced packages will be shipped to the customer via Purolator Canada or any common carrier selected by D-Link. Return shipping charges shall be prepaid by D-Link if you use an address in Canada, otherwise we will ship the product to you freight collect. Expedited shipping is available upon request and provided shipping charges are prepaid by the customer. D-Link may reject or return any product that is not packaged and shipped in strict compliance with the foregoing requirements, or for which an RMA number is not visible from the outside of the package. The product owner agrees to pay D-Link's reasonable handling and return shipping charges for any product that is not packaged and shipped in accordance with the foregoing requirements, or that is determined by D-Link not to be defective or non-conforming. RMA phone number: 1-800-361-5265 Hours of Operation: Monday-Friday, 9:00AM – 9:00PM EST

### What Is Not Covered:

The Limited Warranty provided herein by D-Link does not cover:

Products that, in D-Link's judgment, have been subjected to abuse, accident, alteration, modification, tampering, negligence, misuse, faulty installation, lack of reasonable care, repair or service in any way that is not contemplated in the documentation for the product, or if the model or serial number has been altered, tampered with, defaced or removed; Initial installation, installation and removal of the product for repair, and shipping costs; Operational adjustments covered in the operating manual for the product, and normal maintenance; Damage that occurs in shipment, due to act of God, failures due to power surge, and cosmetic damage; Any hardware, software, firmware or other products or services provided by anyone other than D-Link; and Products that have been purchased from inventory clearance or liquidation sales or other sales in which D-Link, the sellers, or the liquidators expressly disclaim their warranty obligation pertaining to the product.



While necessary maintenance or repairs on your Product can be performed by any company, we recommend that you use only an Authorized D-Link Service Office. Improper or incorrectly performed maintenance or repair voids this Limited Warranty.

### **Disclaimer of Other Warranties:**

EXCEPT FOR THE LIMITED WARRANTY SPECIFIED HEREIN, THE PRODUCT IS PROVIDED “AS-IS” WITHOUT ANY WARRANTY OF ANY KIND WHATSOEVER INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT.

IF ANY IMPLIED WARRANTY CANNOT BE DISCLAIMED IN ANY TERRITORY WHERE A PRODUCT IS SOLD, THE DURATION OF SUCH IMPLIED WARRANTY SHALL BE LIMITED TO THE DURATION OF THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE. EXCEPT AS EXPRESSLY COVERED UNDER THE LIMITED WARRANTY PROVIDED HEREIN, THE ENTIRE RISK AS TO THE QUALITY, SELECTION AND PERFORMANCE OF THE PRODUCT IS WITH THE PURCHASER OF THE PRODUCT.

### **Limitation of Liability:**

TO THE MAXIMUM EXTENT PERMITTED BY LAW, D-LINK IS NOT LIABLE UNDER ANY CONTRACT, NEGLIGENCE, STRICT LIABILITY OR OTHER LEGAL OR EQUITABLE THEORY FOR ANY LOSS OF USE OF THE PRODUCT, INCONVENIENCE OR DAMAGES OF ANY CHARACTER, WHETHER DIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL (INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF GOODWILL, LOSS OF REVENUE OR PROFIT, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, FAILURE OF OTHER EQUIPMENT OR COMPUTER PROGRAMS TO WHICH D-LINK'S PRODUCT IS CONNECTED WITH, LOSS OF INFORMATION OR DATA CONTAINED IN, STORED ON, OR INTEGRATED WITH ANY PRODUCT RETURNED TO D-LINK FOR WARRANTY SERVICE) RESULTING FROM THE USE OF THE PRODUCT, RELATING TO WARRANTY SERVICE, OR ARISING OUT OF ANY BREACH OF THIS LIMITED WARRANTY, EVEN IF D-LINK HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE SOLE REMEDY FOR A BREACH OF THE FOREGOING LIMITED WARRANTY IS REPAIR, REPLACEMENT OR REFUND OF THE DEFECTIVE OR NONCONFORMING PRODUCT. THE MAXIMUM LIABILITY OF D-LINK UNDER THIS WARRANTY IS LIMITED TO THE PURCHASE PRICE OF THE PRODUCT COVERED BY THE WARRANTY. THE FOREGOING EXPRESS WRITTEN WARRANTIES AND REMEDIES ARE EXCLUSIVE AND ARE IN LIEU OF ANY OTHER WARRANTIES OR REMEDIES, EXPRESS, IMPLIED OR STATUTORY.

### **Governing Law:**

This Limited Warranty shall be governed by the laws of the State of California. Some states do not allow exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the foregoing limitations and exclusions may not apply. This Limited Warranty provides specific legal rights and you may also have other rights which vary from state to state.

### **Trademarks:**

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**CE Mark Warning:**

This is a Class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

**FCC Statement:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**FCC Caution:**

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

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.

If this device is going to be operated in 5.15 ~ 5.25GHz frequency range, then it is restricted in indoor environment only.

**IMPORTANT NOTICE:**

**FCC Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The availability of some specific channels and/or operational frequency bands are country dependent and are firmware programmed at the factory to match the intended destination. The firmware setting is not accessible by the end user.

For detailed warranty information applicable to products purchased outside the United States, please contact the corresponding local D-Link office.

**Industry Canada Statement:**

This device complies with RSS-210 of the Industry Canada 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.

**IMPORTANT NOTE:**

**Radiation Exposure Statement:**

This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

This device has been designed to operate with an antenna having a maximum gain of 2 dB. Antenna having a higher gain is strictly prohibited per regulations of Industry Canada. The required antenna impedance is 50 ohms.

# Registration

Register your product online at [registration.dlink.com](http://registration.dlink.com)



Product registration is entirely voluntary and failure to complete or return this form will not diminish your warranty rights.

Version 1.0  
April 2, 2012