

Digital Entertainer Live (EVA2000) User Manual



NETGEAR®

NETGEAR, Inc.
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202-10486-01
September 2009

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The Federal Office for Telecommunications Approvals has been notified of the placing of this equipment on the market and has been granted the right to test the series for compliance with the regulations.

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This equipment is in the Class B category (information equipment to be used in a residential area or an adjacent area thereto) and conforms to the standards set by the Voluntary Control Council for Interference by Data Processing

Equipment and Electronic Office Machines aimed at preventing radio interference in such residential areas. When used near a radio or TV receiver, it may become the cause of radio interference. Read instructions for correct handling.

FCC Information to User

This product does not contain any user serviceable components and is to be used with approved antennas only. Any product changes or modifications will invalidate all applicable regulatory certifications and approvals

FCC Guidelines for Human Exposure

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

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.”

Declaration Of Conformity

We NETGEAR, Inc. 350 E. Plumeria Drive San Jose, CA 95134 USA, declare under our sole responsibility that the Digital Entertainer Live (EVA2000) complies with Part 15 of FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

Regulatory Compliance Information

This section includes user requirements for operating this product in accordance with National laws for usage of radio spectrum and operation of radio devices. Failure of the end-user to comply with the applicable requirements may result in unlawful operation and adverse action against the end-user by the applicable National regulatory authority.

NOTE: This product’s firmware limits operation to only the channels allowed in a particular Region or Country. Therefore, all options described in this user’s guide may not be available in your version of the product.

FCC Requirements for Operation in the United States

Radio Frequency Interference Warnings and Instructions

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 uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. 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 methods:

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

Modifications made to the product, unless expressly approved by NETGEAR, Inc., could void the user’s right to operate the equipment.

Export Restrictions

This product or software contains encryption code that may not be exported or transferred from the US or Canada without an approved US Department of Commerce export license.



This device is a 2.4 GHz low power RF device intended for home and office use in EU and EFTA member states. In some EU / EFTA member states some restrictions may apply. Please contact local spectrum management authorities for further details before putting this device into operation.

Marking by the above symbol indicates compliance with the Essential Requirements of the R&TTE Directive of the European Union (1999/5/EC). This equipment meets the following conformance standards: EN300 328, EN301 489-17, EN60950.

Requirements For Operation in the European Community

Countries of Operation and Conditions of Use in the European Community

The user should run the client utility program provided with this product to check the current channel of operation and confirm that the device is operating in conformance with the spectrum usage rules for European Community countries as described in this section.

This device is intended to be operated in all countries of the European Community.

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Hereby, NETGEAR, Inc. declares that this digital media player is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Ěesky [Czech]	NETGEAR, Inc. tímto prohlašuje, že tento Digital Entertainer Live (EVA2000) je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
Dansk [Danish]	Undertegnede NETGEAR, Inc. erklærer herved, at følgende udstyr Digital Entertainer Live (EVA2000) overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
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English	Hereby, NETGEAR, Inc., declares that this Digital Entertainer Live (EVA2000) is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Español [Spanish]	Por medio de la presente NETGEAR, Inc. declara que el Digital Entertainer Live (EVA2000) cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
Ελληνική [Greek]	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ NETGEAR, Inc. ΔΗΛΩΝΕΙ ΟΤΙ Digital Entertainer Live (EVA2000) ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.

Français [French]	Par la présente NETGEAR, Inc. déclare que l'appareil Digital Entertainer Live (EVA2000) est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Italiano [Italian]	Con la presente NETGEAR, Inc. dichiara che questo Digital Entertainer Live (EVA2000) è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Latviski [Latvian]	Ar šo NETGEAR, Inc. deklarā, ka Digital Entertainer Live (EVA2000) atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Lietuvių [Lithuanian]	Šiuo NETGEAR, Inc. deklaruoja, kad šis Digital Entertainer Live (EVA2000) atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Nederlands [Dutch]	Hierbij verklaart NETGEAR, Inc. dat het toestel Digital Entertainer Live (EVA2000) in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
Malti [Maltese]	Hawnhekk, NETGEAR, Inc., jiddikjara li dan Digital Entertainer Live (EVA2000) jikkonforma mal-tiġiet essenzjali u ma provvedimenti orajn rilevanti li hemm fid-Dirrettiva 1999/5/EC.
Magyar [Hungarian]	Alulírott, NETGEAR, Inc. nyilatkozom, hogy a Digital Entertainer Live (EVA2000) megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EC irányelv egyéb előírásainak.
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Canadian Department of Communications Radio Interference Regulations

This digital apparatus (Digital Entertainer Live (EVA2000)) does not exceed the Class B limits for radio-noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.

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.

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IMPORTANT NOTE

Radiation Exposure Statement

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. To maintain compliance with IC RF exposure compliance requirements, please follow operation instruction as documented in this manual.

The Class [B] digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulation.

Cet appareil numérique de la class [B] respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

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Product and Publication Details

Model Number:	EVA2000
Publication Date:	September 2009
Product Family:	Digital Media Player
Product Name:	Digital Entertainer Live (EVA2000)
Home or Business Product:	Home
Language:	English
Publication Part Number:	202-10486-01
Publication Version Number:	1.0

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Related Documents

About This Manual

The *NETGEAR® Digital Entertainer Live EVA2000 User Manual* describes how to install, configure and troubleshoot the Digital Entertainer Live Model (EVA2000). The information in this manual is intended for readers with intermediate computer and Internet skills.

Conventions, Formats, and Scope

The conventions, formats, and scope of this manual are described in the following paragraphs:

- **Typographical Conventions.** This manual uses the following typographical conventions:

<i>Italic</i>	Emphasis, books, CDs, file and server names, extensions
Bold	User input, IP addresses, GUI screen text
<i>italic</i>	URL links

- **Formats.** This manual uses the following formats to highlight special messages:

	Note: This format is used to highlight information of importance or special interest.
--	--

	Tip: This format is used to highlight a procedure that will save time or resources.
---	--

	Warning: Ignoring this type of note may result in a malfunction or damage to the equipment.
---	--

	Danger: This is a safety warning. Failure to take heed of this notice may result in personal injury or death.
---	--

- **Scope.** This manual is written for the Digital Entertainer Live according to these specifications:

Product Version	Digital Entertainer Live Model (EVA2000)
Manual Publication Date	September 2009

For more information about network, Internet, firewall, and VPN technologies, see the links to the NETGEAR website in [Appendix B, “Related Documents.”](#)



Note: Product updates are available on the NETGEAR, Inc. website at <http://kbserver.netgear.com/products/EVA2000.asp>.

Version History

Table iii-1. Digital Entertainer Live EVA2000 User Manual Version History

Version	Publication Date	Description
1.0	September 2009	Original document

Chapter 1

Setting up the Digital Entertainer Live

The Digital Entertainer Live brings video content from the Internet to your television screen, and allows you to download and store a wide variety of video material. You can access video content in the following ways:

- **View a personal collection** – Use **My Collection** to bookmark favorite videos, browse a USB disk, access any media servers in your network, view or store rented videos, and view your most recently played videos.
- **Search for Internet video** – Use dynamic keywords to search for online video, using **Video Search** and **YouTube**:
 - **Video Search** – Search for and view featured videos.
 - **YouTube** – Search for and view YouTube videos, including featured, most viewed, most recent, top favorites, and top rated videos.
- **View popular websites** – View featured video from CNN, ABC, ESPN, NASCAR, the PGA Tour, NFL, NBA, comedy, style, animation, and more.
- **View live Internet TV** – View live television broadcasts from all over the world, the United States, Canada, Europe, UK, the Middle East, Asia, and live radio.
- **Get movies on demand** – Use CinemaNow to view movies from all genres (action, animation, classic, comedy, cult, drama, family, foreign, horror, and more).

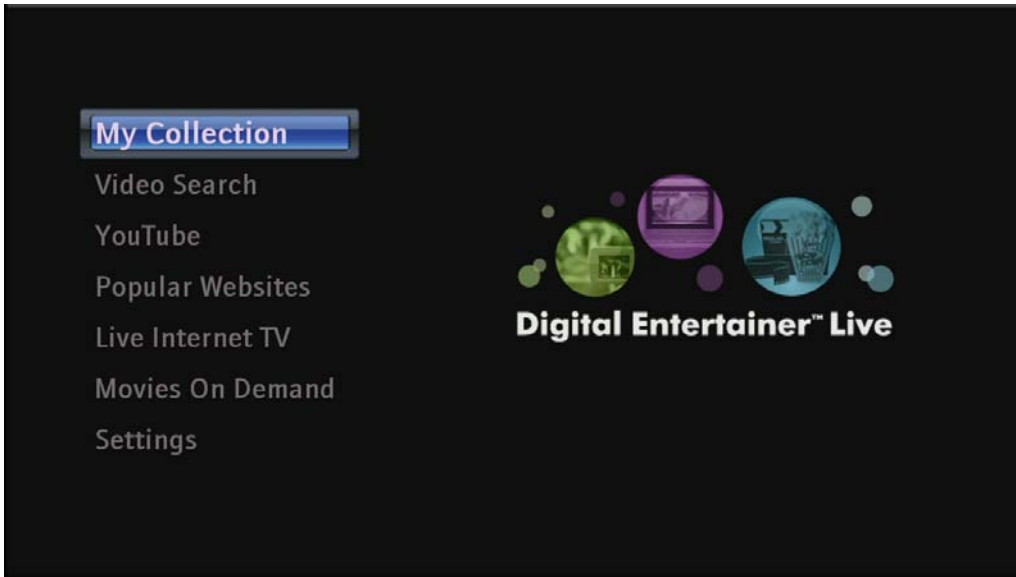


Figure 1-1

When using the Digital Entertainer Live, please observe these precautions, especially those regarding the risk of electric shock or injury to persons.



Danger: To reduce the risk of electric shock, do not remove the cover. There are no user-serviceable parts inside. This device should be used only indoors in well-ventilated areas. To reduce the risk of fire, electric shock, or interference, do not expose this appliance to moisture or rain, and use only the recommended accessories.

Digital Entertainer Live Components

Front View

The front view of the Digital Entertainer Live is shown in the following figure:

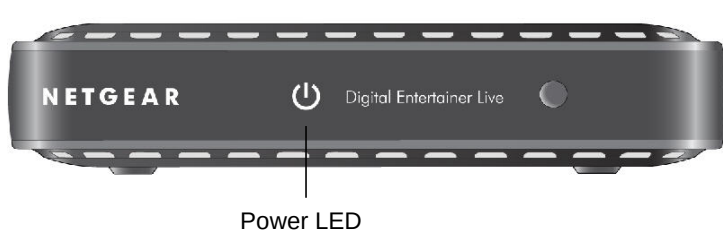


Figure 1-2

Rear View

The rear view of the Digital Entertainer Live is shown in the following figure:

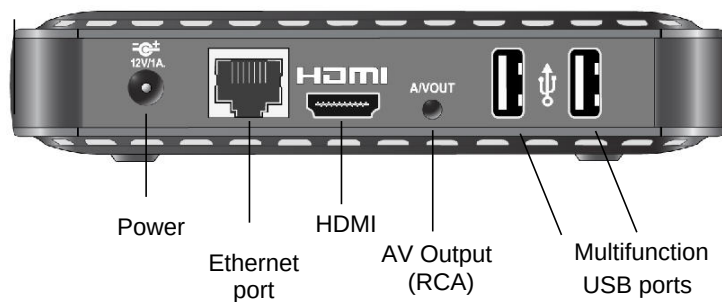


Figure 1-3

The Digital Entertainer Live is compatible with all cables described in the following table, though some cables are not included in the package.

Table 1-1. Rear Panel Description

Item	Compatible Equipment and Cables
Power connector	IEC Digital Entertainer Live power connector (Power adapter included).
10/100 Mbps Ethernet port	Cat 5 network cable (included in the package) that you can use with this port to connect the Digital Entertainer Live to a wired local area network (LAN).
HDMI port	High-Definition Multimedia Interface (HDMI) cable (not included). If your television has an HDMI connector, you can use this cable for both the audio and video signal.
A/V output connector	Connects the DE Live to your television with the RCA cable (included), which can be used with most televisions in the United States.
USB v2.0 ports	USB mass storage devices such as hard drives, media players (including Windows- or Mac-formatted Apple iPods), and flash memory devices.

The only inputs on the Digital Entertainer Live are the USB ports and the Ethernet port.

DE Live Remote Control

Use the DE Live Remote Control to operate the Digital Entertainer Live and up to three additional home entertainment devices. This guide describes how to use the remote with your Digital Entertainer Live Model (EVA2000).

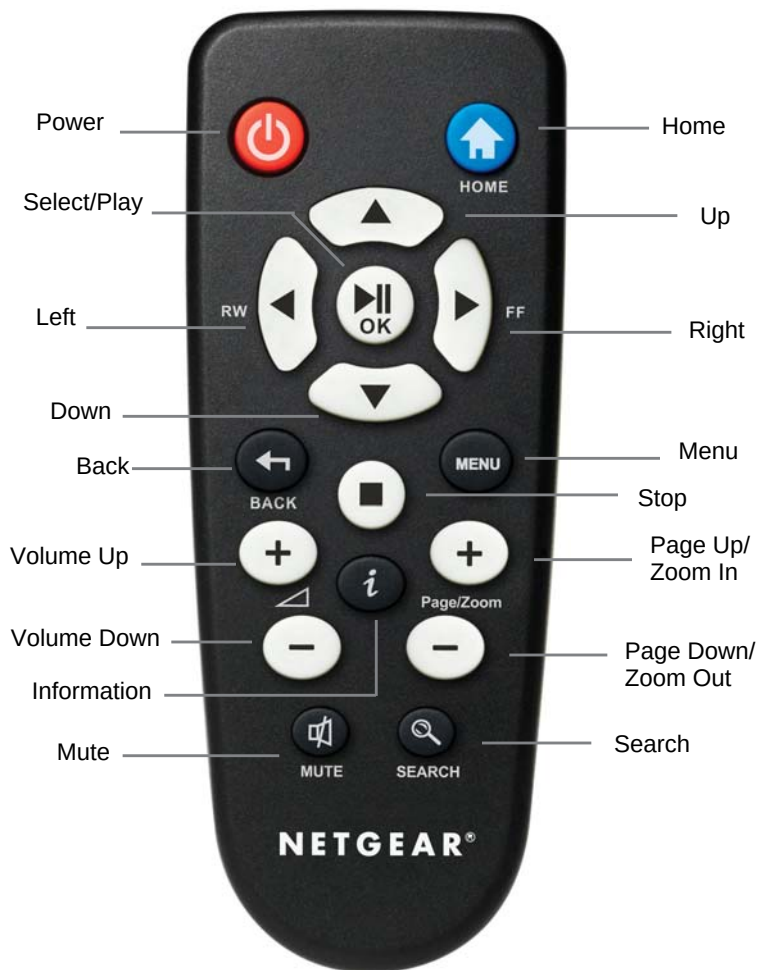


Figure 1-4

Table 1-2. Remote Control Buttons

Button	Description	Button	Description
	Power. Turn the device on and off.		Stop. Stop the media that is currently playing, and return to the previous menu.
	Home. Display the main menu. Return to the main menu from any other screen.		Volume Up. Increase the volume.
	Select/Play. Select, play, or pause the selected menu item.		Page Up/Zoom In. Page up lists, or zoom in/increase video or photo size.
	Up. Move up a menu list.		Volume Down. Decrease the volume.
	Left. Move across a menu to the left.		Page Down/Zoom Out. Page down lists, or zoom out/decrease video or photo size.
	Right. Move across a menu to the right, skip forward (online video) and fast forward (home media).		Information. Display media information.
	Down. Move down a menu list, skip back (online video), and rewind (home media).		Mute. Mute or unmute the sound.
	Back. Go back to the previous screen.		Search. Begin a key word search.
	Menu. Bookmark the video or TV channel you are watching. The selected video or channel is added to your bookmark list under My Collection.		

For information about using buttons with specific media, see [Chapter 3, “Accessing Web Media.”](#)

Using the Remote Control for Media-Based Navigation

The following table describes how to use the remote control to navigate, depending on what task the Digital Entertainer Live is performing. For a complete list of all remote control buttons, see “DE Live Remote Control” on page 1-5.



Tip: Always aim the DE Live remote control toward the DE Live device, rather than toward the television screen.

Table 1-3. Navigating Other Functions Using the Remote Control

Button	From the Main Menu	From a sub-menu	From a movie or TV channel
	Return to the Main Menu.	Return to the Main Menu.	Return to the Main Menu.
Arrow Keys	Navigate the menu list.	Navigate the Soft Keypad on Video Search, YouTube, or Popular Websites screens.	Not applicable.
	Select a menu item.	Select a menu item.	Not applicable.
	Not applicable.	Return to the previous menu.	Return to the previous screen.
	Not applicable.	Get more information about a selection on the YouTube, Popular Websites, or Live Internet TV screens.	Not applicable.
	Takes you to the Soft Keypad to perform a search on the highlighted item.	Takes you to the Soft Keypad to perform a search on the highlighted item.	Not applicable.

Using the Soft Keypad

The Soft Keypad, which appears on several DE Live search screens, lets you type keywords or partial words to use in your search.

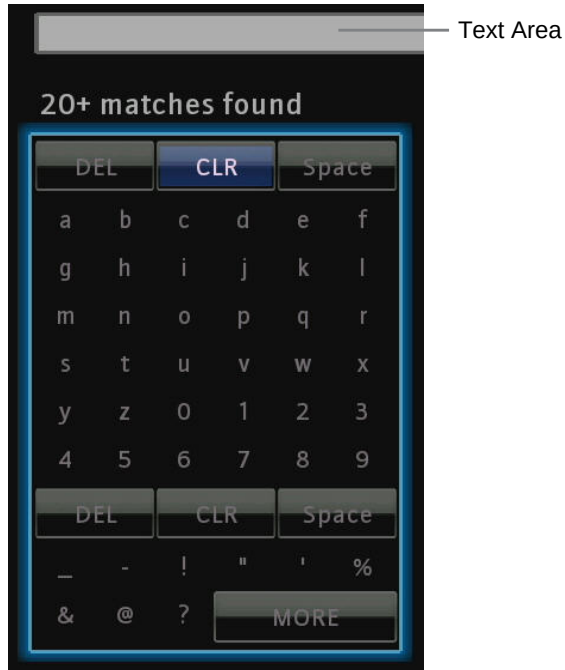


Table 1-4. Using the Soft Keypad

Function or Button	Description
Text Area	Letters and symbols that you click on the keypad are displayed here.
DEL button	Deletes the last letter, number, symbol, or space entered in the Text Area.
CLR button	Clears all content from the Text Area.
Space button	Adds a space between letters or symbols in the Text Area
MORE button	Displays more symbols.

Connecting the Digital Entertainer Live

You can connect the Digital Entertainer Live as a wired connection or a wireless connection.

Wired Connection

To connect the Digital Entertainer Live for a wired connection:

1. Connect the Digital Entertainer Live according to the options available in your entertainment system.

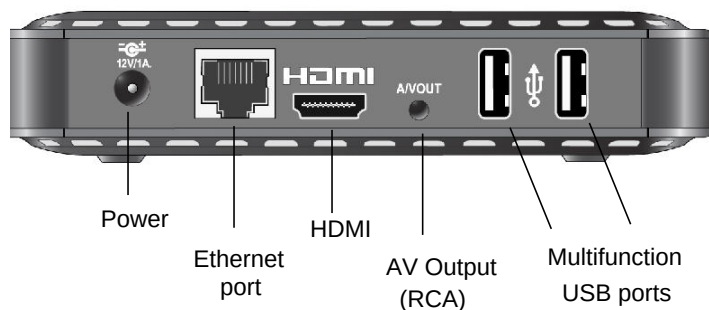


Figure 1-5

2. Connect the Digital Entertainer Live to your television, using the AV Output (RCA) cable or an HDMI cable.
3. Connect the Digital Entertainer Live to your router, using the Ethernet cable. Connect the Digital Entertainer Live to your router, using the Ethernet cable.

If you are connecting to a wireless router, you can connect it in several ways:

- Connect wirelessly by installing the Digital Entertainer Live Wireless USB Adapter (EVAW111), or
- Connect to the router from a remote room by using your existing power outlets with the NETGEAR Powerline Adapter kit (XAVB1001), or you can
- Use the existing cable outlet, if available, and the NETGEAR MoCA1001 MoCA Coax-Ethernet Adapter kit.

4. Turn on the television.



Note: Turn on the television before you turn on the Digital Entertainer Live.

5. Set the video source selector on your television to match the connection from your Digital Entertainer Live. For example, if you used an HDMI connector, set the television to use Digital HD or HDMI input.
6. Connect the power cord to your Digital Entertainer Live, and plug it into an outlet.
The LED on the front of the Digital Entertainer Live lights up to show that it is powered on.
7. Optional. Go to [“Installing Helpful Applications” on page 1-11](#), where you can download the PlayOn Media Server and set up the Windows Media Player.

Wireless Connection

To set up your DE Live wirelessly, do the following:

1. Connect the Digital Entertainer Live to your television, using the AV Output (RCA) cable or an HDMI cable.



Note: If you are using HDMI cable, make sure that the TV is set for HDMI and that you are getting an HDMI signal from the TV.

2. Before you connect the power on the DE Live, insert a Digital Entertainer Live Wireless USB Adapter (EVAW111) into a USB port on the rear panel of the DE Live. (The EVAW111 adapter is sold separately.)
3. Connect the power adapter to the DE Live and plug the power cord into an outlet.
4. Turn on your TV. If you do not see the Digital Entertainer Live display, use your TV remote control to change the TV input.

The Digital Entertainer Live attempts to locate services from the Internet. Then the TV displays a prompt asking if you want to switch to wireless.

5. Aim the DE Live remote control at the remote eye on the DE Live front panel and select **Yes**.

The DE Live scans for wireless networks in your area. It displays the list of wireless networks that it discovers.

6. Select a wireless network from the displayed list.
 - If the network uses wireless security, the USB wireless adapter detects it and you are prompted to enter the password. NETGEAR strongly recommends that you use wireless security to protect your network.
 - The USB wireless adapter supports NETGEAR Push 'N' Connect (WPS). If the selected wireless router or access point supports Wi-Fi Protected Setup (WPS), you can choose to connect either via WPS or manually.

The Network wizard attempts to do the following:

- Connect to your home network.
- Connect to the Internet.
- Locate the VuNow server on the Internet.
- Display the Downlink Speed from the VuNow service

When all tasks are completed, you will see a message telling you your network setup is complete.

7. Select **Done** to exit the Network wizard screen.

Installing Helpful Applications

Once your DE Live installation is complete, NETGEAR recommends that you download the Windows Media Player and the PlayOn Media Server to enhance your DE Live experience.

When you've downloaded one or both of these applications, you can access your media files in the Home Network area of the My Collections folder on the DE Live. For more information about the Home Network area, see [“Home Network” on page 2-5](#).

About Windows Media Player

The Windows Media Player lets you access media files that are stored on your computer over your home network. For information on setting up Windows Media Player and accessing your local media files, see the *Set Up Windows Media Player for File Sharing* document, available on the DE Live Resource CD.

About PlayOn Media Server

The PlayOn Media Server lets you watch Netflix, Hulu, ESPN and more on your TV, as well as view digital photos, watch videos, and listen to music that is stored on your PC. For information on downloading the PlayOn Media Server, see the *Set Up PlayOn* document, available on the DE Live Resource CD.

Chapter 2

Setting Up a Video Collection

Your Digital Entainer Live lets you assemble and manage your own video collection using My Collection.

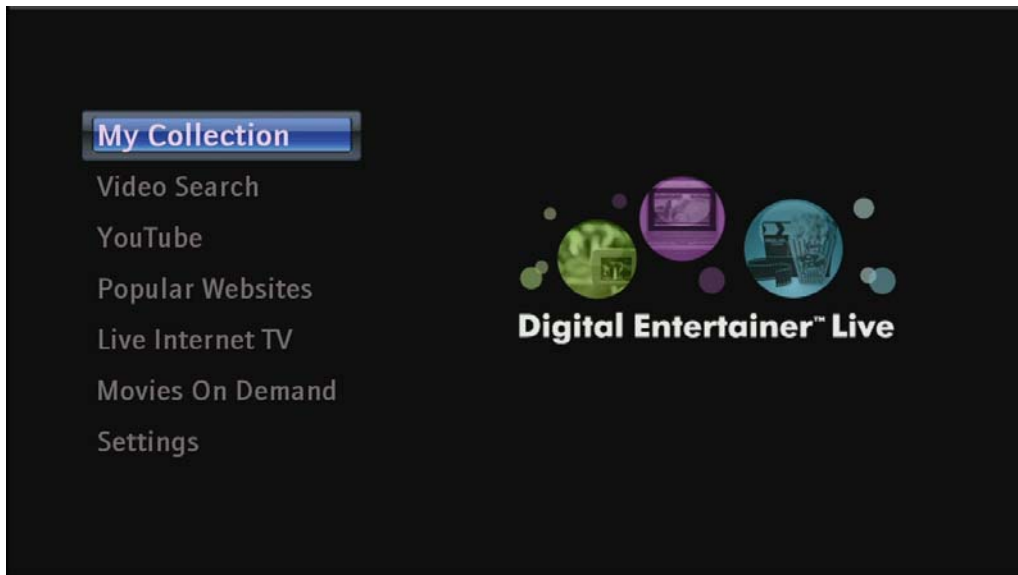


Figure 2-1

Before You Build Your Collection

Before you build your collection of websites, videos, and movies on demand, be sure to become familiar with the areas of DE Live from which you will assemble your collection:

- To search for and view featured and popular web videos, see [“Searching for and Viewing Web Videos” on page 3-1](#).
- To view popular websites, such as CNN and ESPN, see [“Viewing Popular Websites” on page 3-8](#).

- To view live Internet TV broadcasts from around the world, see “[Viewing Live Internet TV](#)” on page 3-9.
- To get movies on demand, see “[Getting Movies on Demand](#)” on page 3-11.

Setting Up My Collection

My Collection features the following functions that let you bookmark any online video or TV program, and save access to those videos in the My Collection area. The videos that become part of your collection can be collected from a USB disk, from anywhere in your home network, from rented videos, and from videos you’ve recently played.

- [Bookmarks](#)
- [Browse USB Disk](#)
- [Home Network](#)
- [Rented Videos](#)
- [Recently Played](#)

Bookmarks

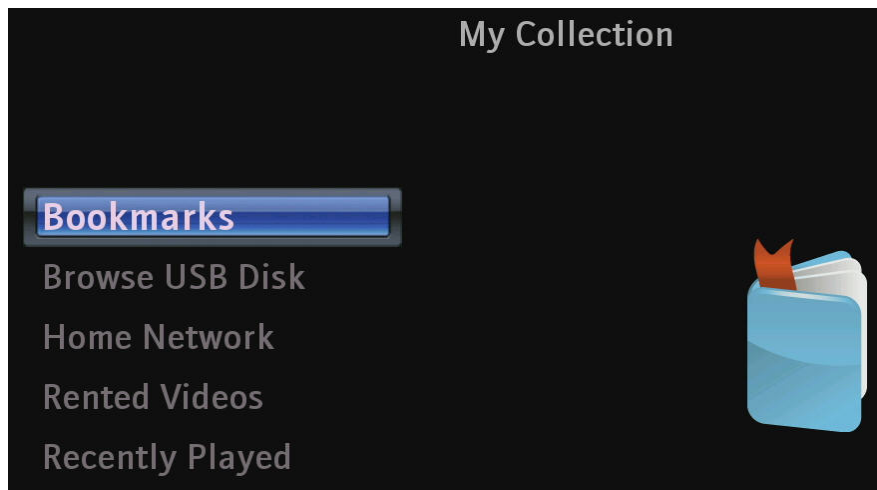


Figure 2-2

The Bookmarks folder contains anything you have bookmarked in the DE Live system, so you can always come here to find your favorites you have marked. You can create a bookmark for favorite folders, searches, or videos, which you can easily access in your Bookmarks list any time in the future.

Create a Bookmark

You can create a bookmark for a folder, a search, or a video in any selection list.

To create a bookmark:

1. Click the **Select** button  to select a folder, search, or video item in a displayed list.
2. Click the **Menu** button  and an Options window appears where you can bookmark your selection.

Once you've created the bookmark, it is added to the Bookmarks list.

Display Bookmark List

To display your list of bookmarks:

1. On the My Collection menu, select **Bookmarks**.
2. Any bookmarks you have created are displayed in this list, where you can select them and play them at any time.

Browse USB Disk

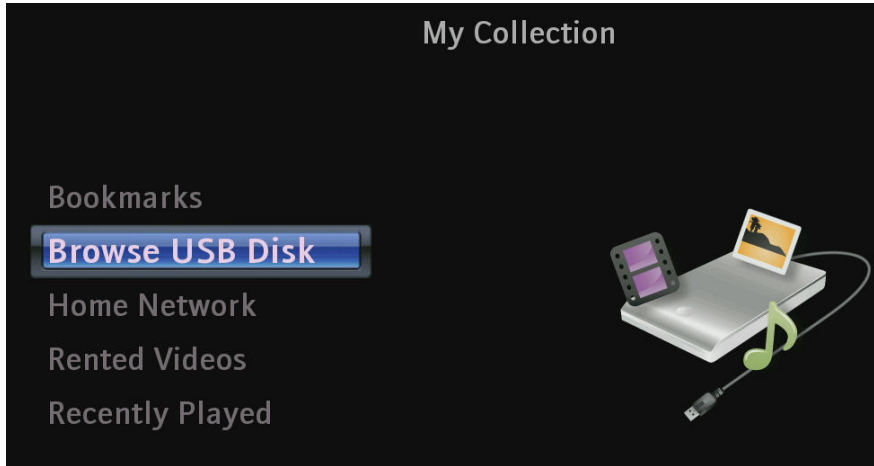


Figure 2-3

Use the Browse USB Disk folder to access any files stored on a device connected to one of the USB ports on the DE Live.

To view the contents of files stored on a connected USB device:

1. Make sure a USB device is connected to a USB port.
2. Select **Browse USB Disk**.
3. A folder representing the USB device appears. Click on this folder, and stored files are displayed four at a time on your screen.
4. Scroll through the displayed files and select the one you want to display.



Note: If photos or other graphics files are stored on your USB device, they will play in a slide show.

5. Use the **Back** button on your remote control to return to the previous screen, or the **Home** button to return to the Home screen.



Note: Before removing the USB device from the USB port, be sure to use the Eject USB Device option on the Settings screen. For more information, see “Eject USB Disk” on page 4-5.

If no USB device is connected, a message informs you of that, and nothing is displayed on your television.

Home Network

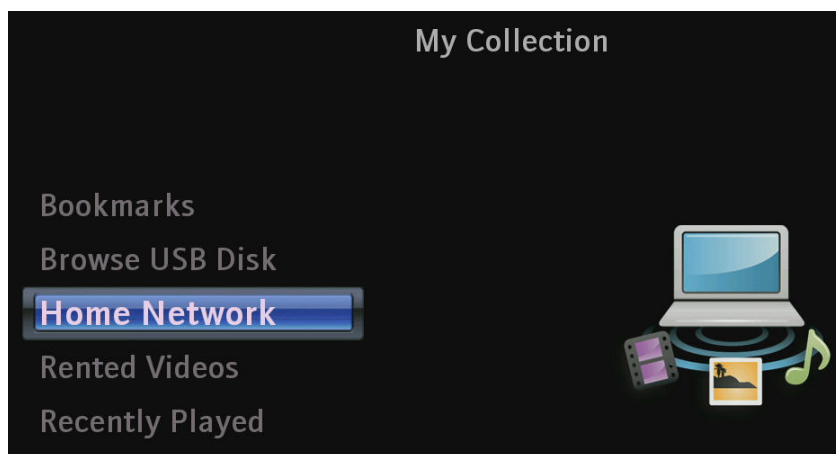


Figure 2-4

Use the Home Networks folder to access any media servers located in your home network.

To view the contents of files stored on a media server:

1. Select **Home Network**.
2. This area displays any devices that are connected to your home network, such as a PC or a ReadyNAS storage device. If you have applications installed, such as the PlayOn Media Server or the Windows Media Player, these will also be displayed under Home Network.

**Figure 2-5**

3. Click a listed device, and its contents will display.

- When you click a storage device, such as ReadyNAS, you go to a screen with folders for Browse Folders, Music, Pictures, and Video. Click any folder to access its contents.
- If PlayOn is installed, when you click the PlayOn folder in this screen, you go to the PlayOn main screen, and can access its resources, such as Netflix and Hulu. For more information about PlayOn, read the *PlayOn Setup Manual*, available on your *Resource CD*.
- If Windows Media Player is installed, its folder will appear on the Content Sources screen as well.



Note: If no devices are connected to your home network, a message appears telling you that.

Rented Videos

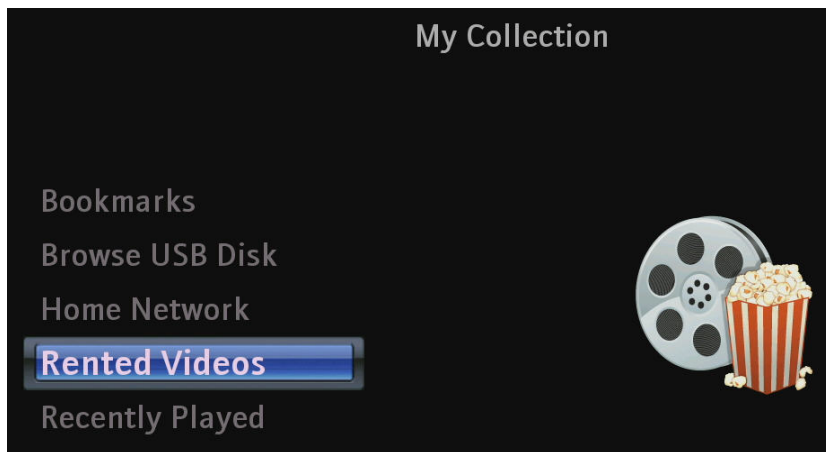


Figure 2-6

Use the Rented Videos folder to view any videos that are downloaded or accessed on the DE Live. These videos will include any that you rent through CinemaNow. For more information, see [“Accessing CinemaNow” on page 3-11](#).

To view any of these videos:

1. Select **Rented Videos**.
2. Select a video listed on the Rented Videos screen.
3. When the video finishes, you will automatically return to the Rented Videos screen. If you don't want to watch the whole thing, use the **Stop** or **Back** buttons to return to the Rented Videos screen.

Recently Played

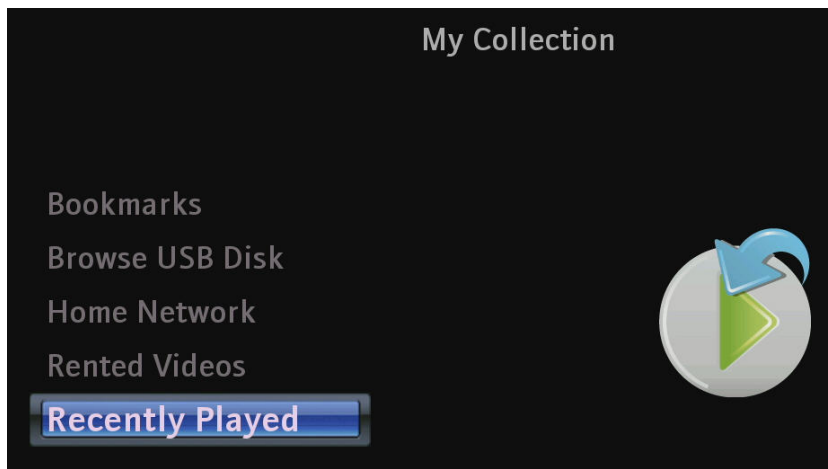


Figure 2-7

Use the Recently Played folder to view recently played videos.

To view these videos:

1. Select **Recently Played**.
2. Select a video listed on the Recently Played screen.
3. When the video finishes, you will automatically return to the Recently Played screen. If you don't want to watch the whole thing, use the **Stop** or **Back** buttons to return to the Recently Played screen.

Chapter 3

Accessing Web Media

Digital Entertainer Live gives you access to a wide array of web videos, websites, live broadcasts, and movies on demand.

This chapter describes:

- **Searching for and Viewing Web Videos**
- **Viewing Popular Websites**
- **Viewing Live Internet TV**
- **Getting Movies on Demand**

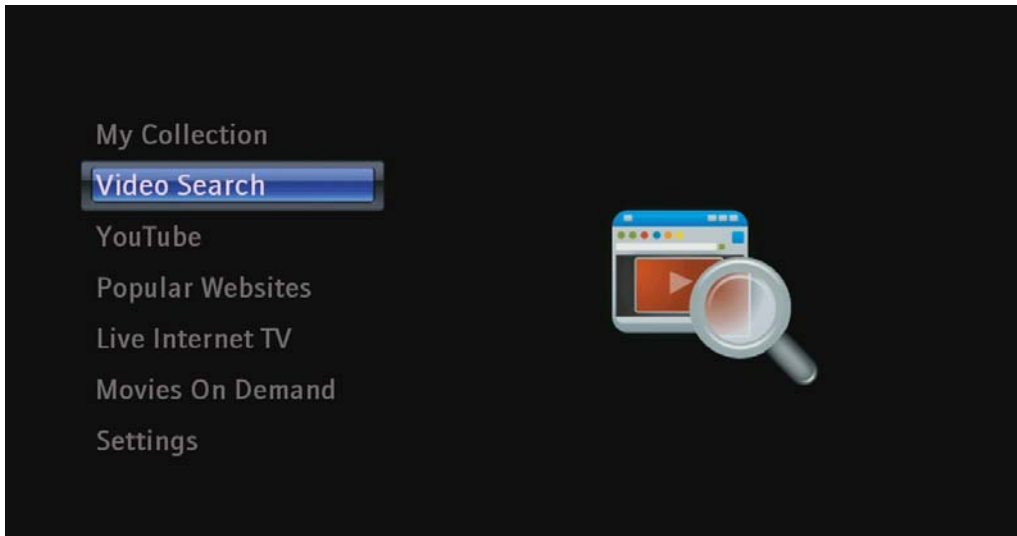
Searching for and Viewing Web Videos

You can search for and view videos using the following areas of DE Live:

- **Video Search** – To conduct a search for web-based videos, see [Doing a Video Search](#).
- **YouTube** – To search for and view web-based videos on YouTube, see [Searching and Viewing on YouTube](#).

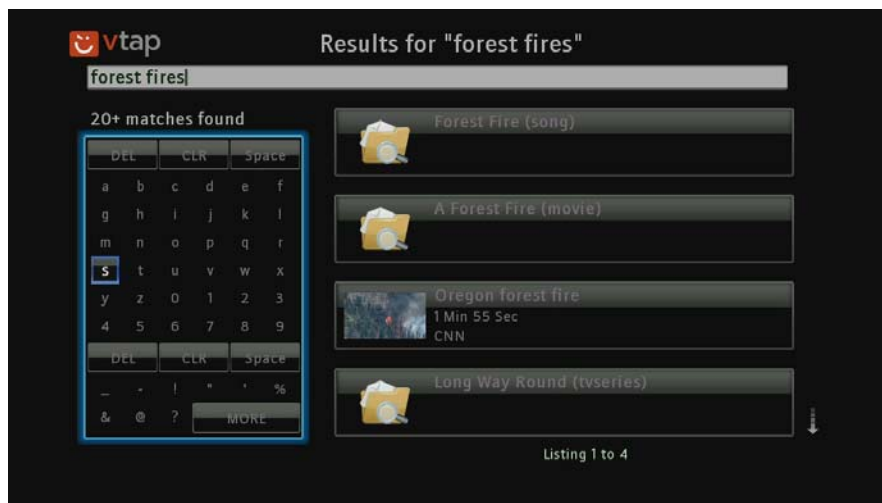
Doing a Video Search

The Video Search screen lets you search among featured videos as you would search on any search engine, by entering a partial title or any related text about the video you're seeking. Search results include TV shows, music clips, news clips, concert clips, history, politics, movies, and a lot more.

**Figure 3-1**

To do a video search:

1. Click **Video Search** on your Home screen. The search screen appears:
2. Use the Arrow Keys and the **Select** button  on the Remote Control to select the letters and symbols to enter in the text area. For example, if you select the letters for “forest fires,” DE Live brings up results like this:

**Figure 3-2**



Note: The search results are displayed dynamically, depending on what is currently entered in the text area of the search window.

3. Select a displayed item from the list at right, and the video plays.
4. If you want to stop the video before it is finished, press the **Stop**  or **Back**  buttons to return to the previous screen.
5. Search for another video, or return to the Home screen by pressing the **Home** button .

Searching and Viewing on YouTube

With the YouTube folder, you can access a wealth of video material from the best of YouTube.

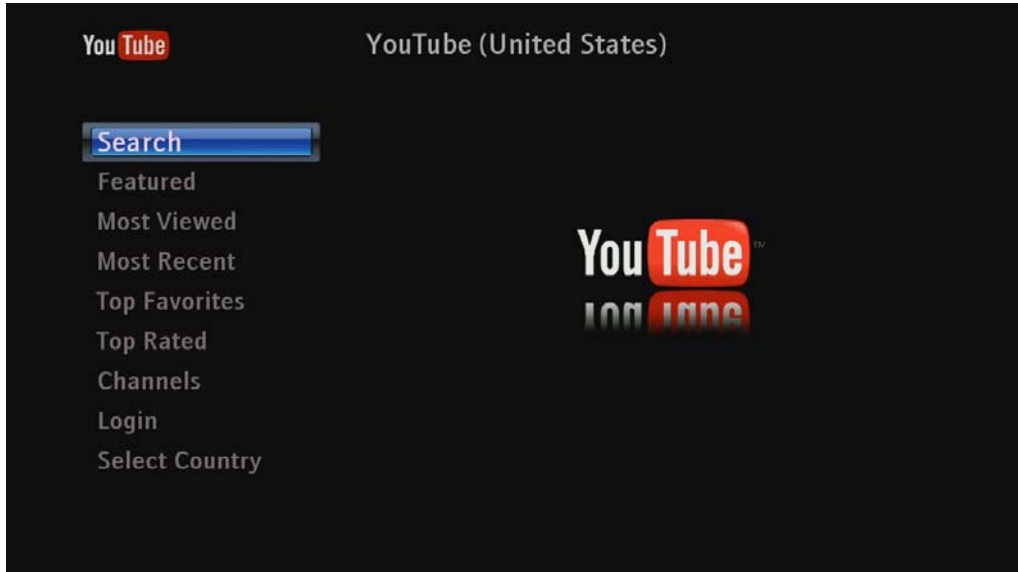


Figure 3-3

Searching a Video in YouTube

Searching for a video in YouTube is similar to doing a general video search.

To do a video search:

1. Click **Search** on the YouTube screen. The search screen appears.

2. Use the Arrow Keys and the **Select** button  on the Remote Control to select the letters and symbols to enter in the text area. For example, if you search for “Beyonce,” your screen might look like this:

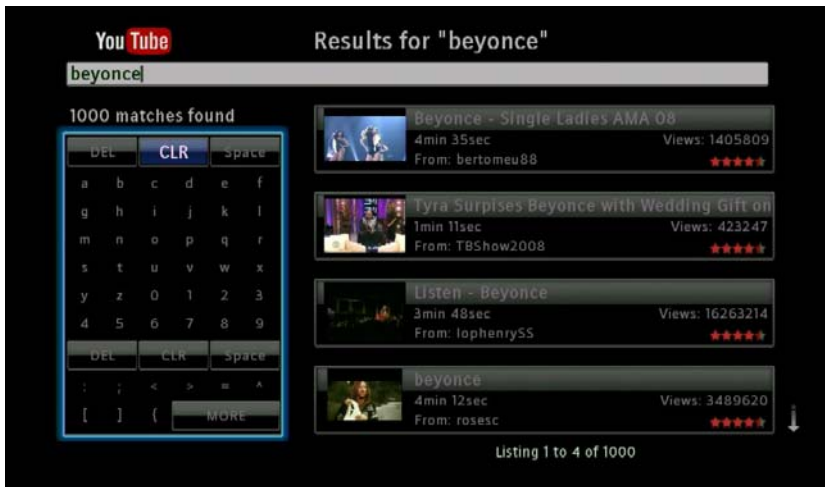


Figure 3-4

3. Select a displayed item from the list at right, and the video plays.

Viewing Different Types of Videos

The YouTube folder offers videos from the following categories:

- **Featured** – Lists the YouTube videos for the day, including recommendations from the YouTube staff. Each listed entry displays an image from the video, its title, duration, number of views, rating and source.
- **Most Viewed** – Lists the most viewed videos on YouTube, based on number of views. The list is displayed in descending order, with the most viewed video at the top of the list.
- **Most Recent** – Lists the most recently uploaded videos to the YouTube Web site. The list includes the duration of the video, number of views, and the source. The list is displayed in descending order, with the most recent video at the top of the list.
- **Top Favorites** – Lists the videos that have the highest number of favorite settings by YouTube users. The list includes the duration of the video, number of views, and the source. The list is displayed in descending order, with the most favorite video at the top of the list.

- **Top Rated** – Lists the videos to which users have given top ratings in descending order, with the top rated video at the top of the list. The list includes the duration of the video, number of views, rating, and the source. Information displayed to the right of the selected video shows an image from the video, the date published, the category (such as Entertainment), and the rating.

When you select any of these categories, a screen similar to the following appears:



Figure 3-5

To view a video:

1. Video entries are displayed four to a screen. Use the Down Arrow key to scroll down the list, and on to the next page of listings if necessary.
2. Use the **Select** button  to play a highlighted video.
3. If you want to stop the video before it is finished, press the **Stop**  or **Back**  buttons to return to the previous screen.
4. Search for another video, or return to the Home screen by pressing the **Home** button .

Viewing YouTube Channels

The Channels folder lets you access categories of entertainment videos from sports, news, comedy, movies, and television.

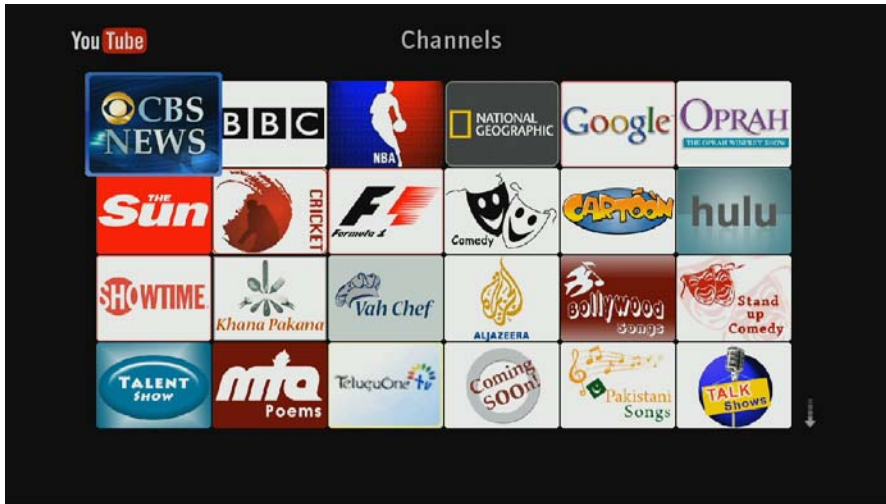


Figure 3-6

To view any category:

1. Click any category to display the first four videos in the collection.



Note: You can sort each video display screen by Most Recent, Most Viewed, or Most Discussed.

2. Scroll through the list and select a video to watch.
3. If you want to stop the video before it is finished, press the **Stop**  or **Back**  buttons to return to the previous screen.
4. Press the **Home** button  to return to the Home screen

Adding and Removing YouTube Accounts

The Login folder lets you add or remove YouTube accounts.

To add a YouTube account:

1. Click **Login** on the YouTube screen. The Login screen appears.
2. Click **Add Account**.

3. Use the Soft Keypad to enter a user name, and click **OK**. For more information about the Soft Keypad, see [“Using the Soft Keypad” in Chapter 1](#).
4. Enter a password, and click **OK**. The user name is added to the list of YouTube accounts.
5. Once logged in, you can access your uploads, favorites, playlists, and subscriptions.

To remove a YouTube account:

1. Click **Remove Account**.
2. Select the account you want to remove from the displayed list. The account is removed.

Viewing and Changing Your YouTube Settings

YouTube Settings are set by default to Worldwide, which means your video selections come from around the world.

The YouTube Settings folder gives you the option of selecting one country on which your video searches and selections will be focused. You can choose from among the following countries:

- | | | |
|------------------|-----------------|------------------|
| • Worldwide | • United States | • United Kingdom |
| • Germany | • France | • Italy |
| • Spain | • Sweden | • India |
| • Australia | • Brazil | • Canada |
| • Czech Republic | • Netherlands | • Hong Kong |
| • Ireland | • Israel | • Japan |
| • Mexico | • New Zealand | • Poland |
| • Russia | • South Korea | • Taiwan |

Simply click the country, and your setting is changed.

Viewing Popular Websites

The Popular Websites folder lets you select from a variety of website categories, including CNN, HBO, BBC, and many more.

If PlayOn is installed on your DE Live, PlayOn selections such as Hulu and Netflix will also be part of these selections.

To view websites:

1. Click **Popular Websites** on the Home menu.



Figure 3-7

2. Use the **Select** button  to make a website selection. Use the Down Arrow button to scroll to another screen of selections.

Some selections, such as HBO, take you directly to a list of videos to choose from. Others, such as news and sports websites, take you to a list of categories so you can narrow your search before making your selection. For example, NASCAR has the subcategories Drivers, Features, Most Popular, New Releases, and Race Clips.

3. Use the **Back**  button to return to the previous screen, or press the **Home** button  to return to the Home screen.

Viewing Live Internet TV

The Live Internet TV folder lets you view live television from the United States, Canada, Europe, the UK, the Middle East, Asia, and also lets you listen to live radio.

Selecting a TV Channel

To view live television:

1. Click the **Live Internet TV** folder on the Home screen.



Figure 3-8

The Live Internet TV screen appears.

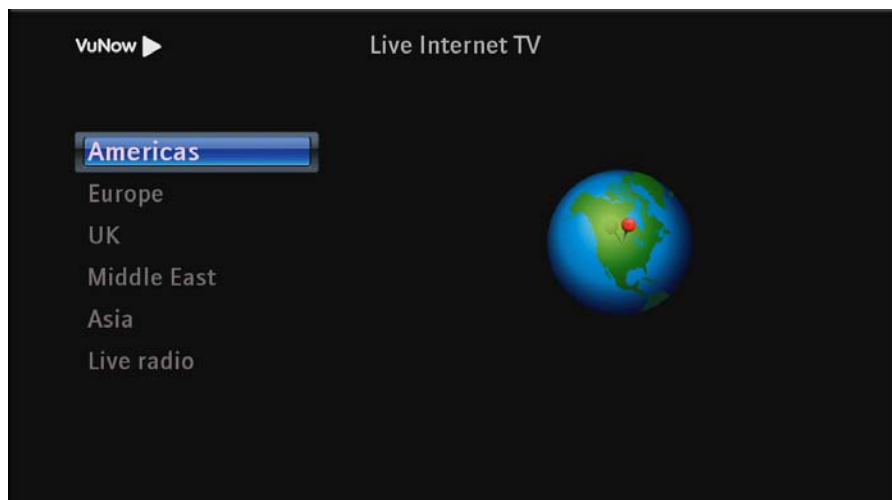


Figure 3-9

Each area offers a selection of channels:

- **Americas** offers CNN, C-SPAN, NASA, several Spanish language channels, several Christian channels, and many more.
- **Europe** offers several BBC channels, and channels from Russia, Italy, France, the Netherlands, and many more.
- **UK** offers BBC as well, plus an assortment of music, sports, arts, and movie channels.
- **Middle East** offers Aljazeera, plus channels from Israel, Iraq, Kuwait, and many more.
- **Asia** offers channels from China, Japan, India, and many more.

2. Select an area, and choose the channel you want to view.
3. Use the **Back**  button to return to the previous screen, or press the **Home** button  to return to the Home screen.

Listening to Live Radio

The Live Radio folder offers music stations that play alternative, blues, classical, country, easy listening, electronic, folk, Hip-Hop and Rap, holiday, inspirational, international, jazz, and music from Bollywood.

To listen to music on live radio:

1. Select a musical type.

2. Select a radio station from the displayed list.
3. To select a different station, press the **Back**  button and select again.

	Note: Your most recent live radio selection will continued to play until you press the Stop  button.
---	---

4. Use the **Back**  button to return to the previous screen, or press the **Home** button  to return to the Home screen.

Getting Movies on Demand

The Movies on Demand folder lets you access CinemaNow, a video library that contains close to 10,000 feature-length films, shorts, concerts, and television broadcasts. This video selection is not available on network or cable television. DE Live allows you to play these selections directly from your TV

Accessing CinemaNow

To access the Cinema Now collection:

1. Click the **Movies on Demand** folder.

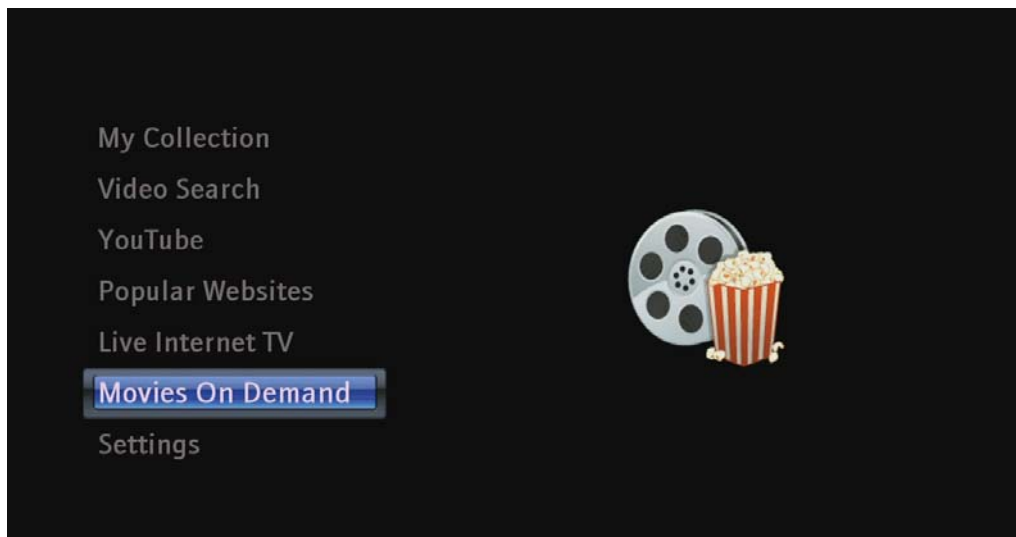


Figure 3-10

The Movies On Demand screen appears.

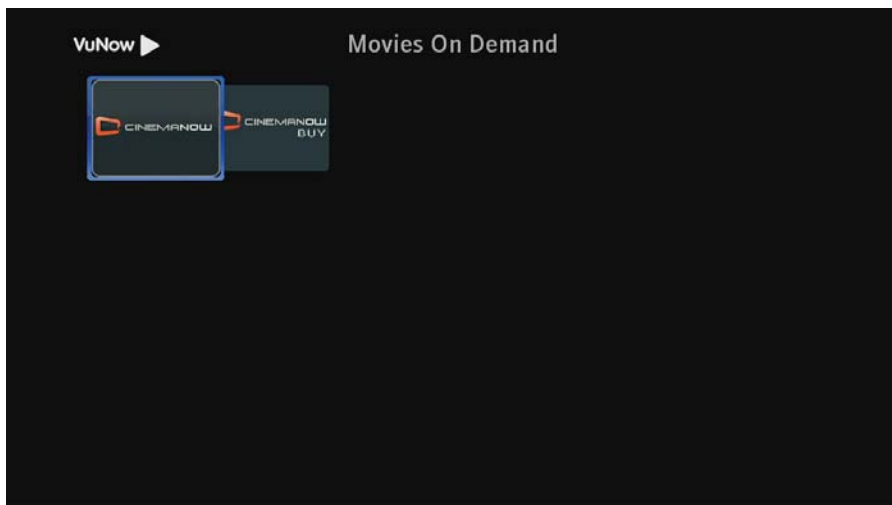


Figure 3-11

2. Select **Cinema Now**. The Movies On Demand screen appears.



Figure 3-12

3. On this screen, you can select:

- **Browse per Genre** – To change the displayed list of movies, select a genre from the display along the top of the screen. You can choose from these genres: Action, Animation, Classic, Comedy, Cult, Drama, Family, Foreign, Horror, Independent, Last Chance, Music, Romance, Sci-Fi, Sports, Television, Thriller, Unscripted, and All.

- **New Releases** – Select from the displayed list of newly released films.
 - **Most Popular** – Select from the displayed list of most popular films
 - **Search** – Takes you to the Soft Keypad, where you can search for a film.
4. **Login** – Allows CinemaNow users to create a login name and password, and access their account, once it has been created.



Note: You must have a CinemaNow login in order to rent or buy movies.

Creating a CinemaNow Login

In order to rent or buy movies, you must have a CinemaNow login.

To create a CinemaNow login:

1. Select **Login** on the CinemaNow screen.
2. Enter your user name and password using the Soft Keypad.
3. Click **OK**.

Once you have set up your CinemaNow account and successfully logged in, DE Live will remember it and you won't have to enter it again.

Renting a Movie



Note: Before renting a movie, you must connect a USB storage device to a USB port on the DE LIVE unit.

To rent a movie from CinemaNow:

1. On the CinemaNow screen, browse a genre, or make a selection from New Releases or Most Popular movies.

A screen appears showing the movie title, duration, information about the cast and plot, and cost to rent.

You can scroll down to read more of the plot information using the Page Down key at the bottom of the screen.



Note: If you do not wish to rent the movie, select **Cancel**, and you return to the previous selection screen.

2. To rent the movie, select **Rent**.

When you choose to rent a movie, DE Live advises you that you will be billed for the movie download and asks you to re-confirm that you want to rent the movie.

3. Select **Yes** to confirm that you want to rent the movie.
4. When you have finished watching, use the **Back**  button to return to the previous screen, or press the **Home** button  to return to the Home screen.

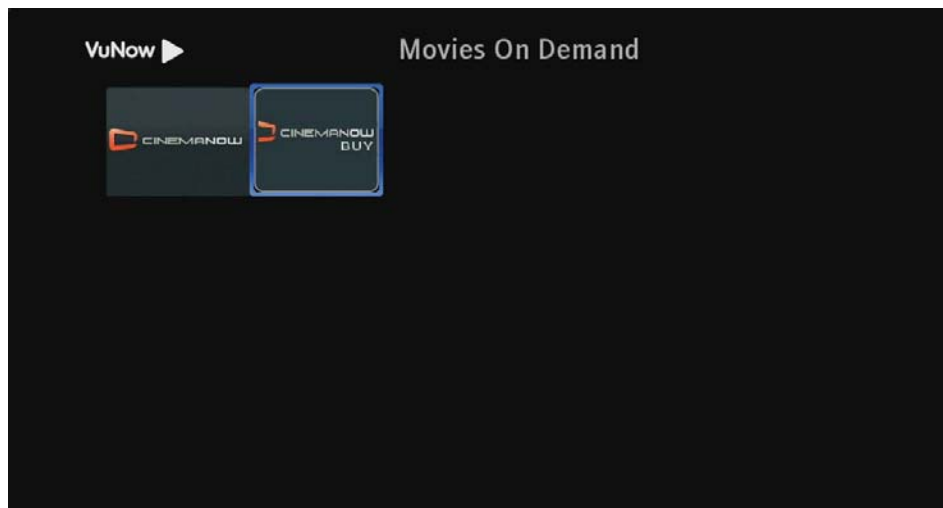
Doing a Search

To search for a movie in CinemaNow:

1. On the CinemaNow screen, select **Search**. The Soft Keypad appears.
2. Use the Soft Keypad to search for a film. For information about using the Soft Keypad, see [“Using the Soft Keypad” on page 1-8](#).
3. As you enter the letters of the title in the Soft Keypad, results are dynamically displayed on the right side of the screen that match your entry. When you see your film, select it.
4. You can choose to rent the movie or cancel.
5. Use the **Back**  button to return to the previous screen, or press the **Home** button  to return to the Home screen.

Buying CinemaNow

The CinemaNow Buy selection on the Movies On Demand screen lets you use the same options for viewing and searching movies that are described in [“Accessing CinemaNow” on page 3-11](#), except that you can download and purchase the movies, rather than renting them.

**Figure 3-13**

The First Time You Buy a Movie

The first time you buy a movie, you must register with Cinema Now from your PC. Subsequent movie purchases can be done using your DE Live.

To sign up and buy your first CinemaNow movie:

1. On your PC, go to <http://www.cinemanow.com>.
2. Click the Buy Movies tab.
3. Buy the movie, and download it to your PC. You have the option of watching the movie as it downloads.

Buying a Movie



Note: Before buying a movie, you must connect a USB storage device to a USB port on the DE LIVE unit.

After you've registered with CinemaNow online, and purchased your first movie, you can buy other movies directly from the DE Live. To buy a movie using the DE Live:

1. On the CinemaNow Buy screen, browse a genre, or make a selection from New Releases or Most Popular movies.

A screen appears showing the movie title, duration, information about the cast and plot, and cost to buy.

You can scroll down to read more of the plot information using the Page Down key at the bottom of the screen.



Note: If you do not wish to buy the movie, select **Cancel**, and you return to the previous selection screen.

2. To buy the movie, select **Buy**.

When you choose to buy a movie, DE Live advises you that you will be billed for the movie purchase and asks you to re-confirm that you want to buy the movie.

3. Select **Yes** to confirm that you want to buy the movie.
4. You can watch the movie now, or save it now and watch it any time.
5. Use the **Back**  button to return to the previous screen, or press the **Home** button  to return to the Home screen.

Chapter 4 Settings

The Settings folder lets you view and adjust your DE Live settings.

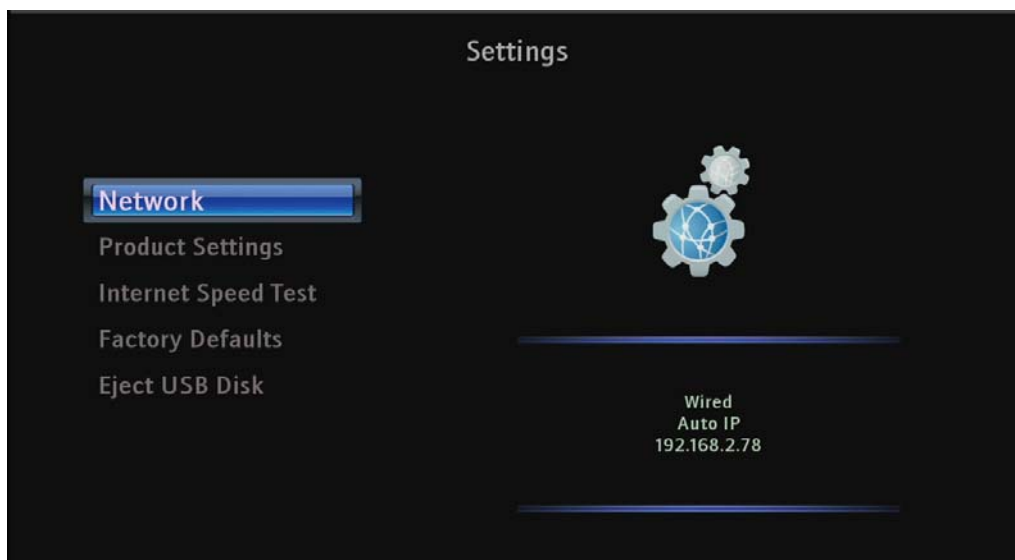


Figure 4-1

Choosing Your Network Settings

The **Network** setting lets you choose your configuration type, which can be set to **Network Wizard** or **Advanced**.

Network Wizard

To set your network settings using the Advanced configuration type:

1. Select **Settings** on the Home page.
2. Select **Network** on the Settings page.

3. For Network Type, select Wired [Preferred].
The DE Live connects to your Home network.
4. Click **Done**, and your network setup is complete.

Advanced Network Settings

To set your network settings using the Network Wizard:

1. Select **Settings** on the Home page.
2. Select **Network** on the Settings page.
3. For Network Type, select **Advanced**.
The DE Live displays your network settings, which you can edit.
4. Click **Save** to save your changes.

Product Settings

The Product Settings folder lets you set the following for your DE Live:

- TV Resolution
- HDTV Auto Resize
- Slide Show Options
- Time Zone
- Language
- Product Info

TV Resolution

To view or change your television's resolution:

1. Select **TV Resolution** on the Product Settings screen.
The TV Resolution screen shows these settings:
 - 720p @ 60 Hz
 - 480p @ 60 Hz

- 720p @ 50 Hz
 - 576p @ 50 Hz
2. Change the resolution to the setting you want.
 3. Click the **Select** button  to confirm your selection.
DE Live returns you to the Settings screen.

HDTV Auto Resize

You will want to disable this option if HDTV shows interface distortions.

To enable or disable HDTV Auto Resize:

1. Select **HDTV Auto Resize** on the Product Settings screen.
2. Select **Enable** or **Disable**.
3. Click the **Select** button  to confirm your selections.
DE Live returns you to the Settings screen.

Slideshow Options

You can select the following options for slideshow presentation:

- Duration (in seconds)
- Repeat (on or off)
- Shuffle (on or off)
- Transition Effects (on or off)

To change slideshow options:

1. Select **Slideshow Options** on the Product Settings screen.
2. Use the Left and Right Arrow buttons on the remote control to decrease or increase a value, or to toggle a function on or off.
3. Click the **Select** button  to confirm your selections.
DE Live returns you to the Product Settings screen.

Time Zone

Use this option to reset your time zone.

1. Select **Time Zone** on the Product Settings screen.
2. Scroll through the time zone list to find the time zone you want.
3. Click the **Select** button  to confirm your selection.
4. Click the **Back**  button to return to the Product Settings screen.

Language

Use this option to select a language to be used on the DE Live screens

1. Select **Language** on the Product Settings screen.
2. Select **English**, **Francais (French)**, or **Deutsch (German)**.
3. Click the **Select** button  to confirm your selection.
4. Click the **Back**  button to return to the Product Settings screen.

Product Info

The Product Info option displays the following information:

- Box ID (a password ID)
- Client Version
- Server Version
- Time Zone

Internet Speed Test

The Internet Speed Test measures the current downlink speed from the VuNow service servers.

To run this test:

1. Select **Internet Speed Test** on the Settings screen.
2. Select **Start**.

When the test completes, the downlink speed is displayed.

3. Click the **Select** button  to confirm your selection.
DE Live returns you to the Settings screen.

Factory Defaults

Use this option to restore factory defaults.

1. Select **Restore Factory Defaults** on the Settings screen.
2. You can select one of the following:
 - **Soft Restore** – Resets the factory defaults, removes your user account, but preserves all downloaded movies (both purchased and rented).
 - **Full Restore** – Resets the factory defaults, removes your user account, and all downloaded movies (both purchased and rented).



Warning: Because the **Full Restore** removes your user account and BOTH rented and purchased movies, NETGEAR recommends that you use the **Soft Restore** option for most purposes.

3. Click the **Select** button  to confirm your selection.

DE Live returns you to the Settings screen.

Eject USB Disk

The Eject USB Disk folder lets you safely eject a USB device from your USB port.



Note: NETGEAR recommends that you use this option whenever removing a USB device.

When you want to remove a USB device, do the following:

1. Select **Eject USB Disk** on the Settings screen.
2. When DE Live informs you that you can safely remove the USB device, remove it from the DE Live unit.

DE Live returns you to the Settings screen.

Chapter 5

Maintenance and Troubleshooting

Resetting to Factory Defaults

There are two ways to restore factory defaults on your DE Live:

- **Soft Restore** – Resets the factory defaults, removes your user account, but preserves all downloaded movies (both purchased and rented).
- **Full Restore** – Resets the factory defaults, removes your user account, and ALL downloaded movies (both purchased and rented).

NETGEAR recommends that you use the Soft Restore for most purposes.

For more information about restoring factory defaults, see [“Factory Defaults” on page 4-5](#).

Troubleshooting Tips

Here are some tips for correcting simple problems that might prevent you from connecting to the Digital Entertainer Live.

Table 5-1. Connecting to the Digital Entertainer Live

Problem	Solution
The remote control does not respond.	Check to see if the battery is inserted correctly.
There is no audio or visual output.	• Make sure that the Audio/Visual (RCA) cable is inserted completely and firmly at both ends. You should feel it snap into the EVA2000 A/V connector. • Disconnect the power adapter and connect it again.
You are attempting to use an HDMI to DVI converter.	HDMI to DVI converters are not supported.

Ethernet LAN Connections

The Digital Entertainer Live expects to be connected to a hub, switch, or router using a standard Ethernet cable. To check your Ethernet connection:

- Make sure that the Ethernet cable connections are secure at the router and at the hub or workstation.
- Make sure that power is turned on to the connected hub or workstation.
- Make sure that you are using a standard Ethernet cable and not a cross-connect cable.

Appendix A

Default Configuration and Technical Specifications

This appendix describes the factory default settings, supported media file formats, and technical specifications for the Digital Entertainer Live.

Default Settings

The following table lists the default settings of your Digital Entertainer Live.

Table A-1. Default Configuration Settings

Feature		Description
Media Player		
	Languages	English
	Video mode	For North America, use NTSC mode. For other areas, use PAL mode.
	Network connection	Wired LAN

Supported Media File Formats

A number of media file formats are supported, as shown in the following table:

Media File Formats	Capability (Profile/Level)	Bit Rate (max)	Frame Rate	Max Resolution (max)	Trick Mode		Comments
					Fast Forward	Fast Rewind	
WNV7,8,9	MP@ML	3 mbps	30 fps	720x576, 720x480	x2, x4, x8, x16, x32, x64, x256	x2, x4, x8, x16, x32, x64, x256	
VC1	AP@ML	3 mbps	30 fps	720x576, 720x480	x2, x4, x8, x16, x32, x64, x256	x2, x4, x8, x16, x32, x64, x256	
ON2 VP6	AP	1 mbps	30 fps	720x576, 720x480	Not supported.	Not supported.	
Sorenson H.26	Per standard	1 mbps	30 fps	640x480	Seek is supported only for YouTube videos.	Seek is supported only for YouTube videos.	
MPEG-1	Per standard	4 mbps	30 fps	720x576, 720x480	x2, x4	x2, x4	
MPEG-2	MP@HL	8 mbps	30 fps	1280x720	x2, x4	x2, x4	
MPEG-4	ASP@L3	3 mbps	30 fps	720x576, 720x480	x2, x4, x8, x16, x32, x64, x256	x2, x4, x8, x16, x32, x64, x256	Data partition is not supported
H.264	HP@L3.0	2 mbps (720x480) 1.5mbps (720x576)	30 fps	720x576, 720x480	x2, x4, x8, x16, x32, x64, x256	x2, x4, x8, x16, x32, x64, x256	Only CABAC (no CAVLC) is supported in High Profile. Both CABAC and CAVLC are supported in Baseline and Main Profiles.

Technical Specifications

Table A-2. Technical Specifications

Feature	Description
Power adapter	Full range PA, 100–240AV input, 12VDC/1A ouput
Physical specifications	• Dimensions (H x W x D): 1.2 x 6.9 x 4.5 in. (30 x 175 144 mm) • Weight: 0.68 lbs (0.31 kg)
Environmental specifications	• Operating temperature: 32°–104° F (0°–40° C) • Operating humidity: 90% maximum relative humidity, noncondensing
Electromagnetic emissions	FCC Part 15 Class B, C-Tick N10947
Interface	LAN: RJ-45, 10/100BASE-T

Appendix B

Related Documents

This appendix provides links to reference documents you can use to gain a more complete understanding of the technologies used in your NETGEAR product.

Document	Link
Windows XP and Vista Wireless Configuration Utilities	http://documentation.netgear.com/reference/enu/winzerocfg/index.htm
Internet Networking and TCP/IP Addressing	http://documentation.netgear.com/reference/enu/tcpip/index.htm
Wireless Communications	http://documentation.netgear.com/reference/enu/wireless/index.htm
Preparing a Computer for Network Access	http://documentation.netgear.com/reference/enu/wsdhcp/index.htm
Virtual Private Networking (VPN)	http://documentation.netgear.com/reference/enu/vpn/index.htm
Glossary	http://documentation.netgear.com/reference/enu/glossary/index.htm