

NAS 138

Introduction to LooksGood

Stream videos and record
digital TV with LooksGood

ASUSTOR COLLEGE

COURSE OBJECTIVES

Upon completion of this course you should be able to:

1. Understand the basic functions of LooksGood
2. Use LooksGood to play videos and stream digital TV

PREREQUISITES

Course Prerequisites:

None

Students are expected to have a working knowledge of:

None

OUTLINE

1. Introduction to LooksGood

1.1 Installing LooksGood and the VLC media player Web browser plugin

2. Introduction to Media Explorer

2.1 Media player functions

3. Introduction to Recorded Files

3.1 Digital TV dongle configuration

3.2 Configuring TV program recording tasks

3.3 Recording task management

3.4 Playing recorded files and streaming digital TV

4. Notes

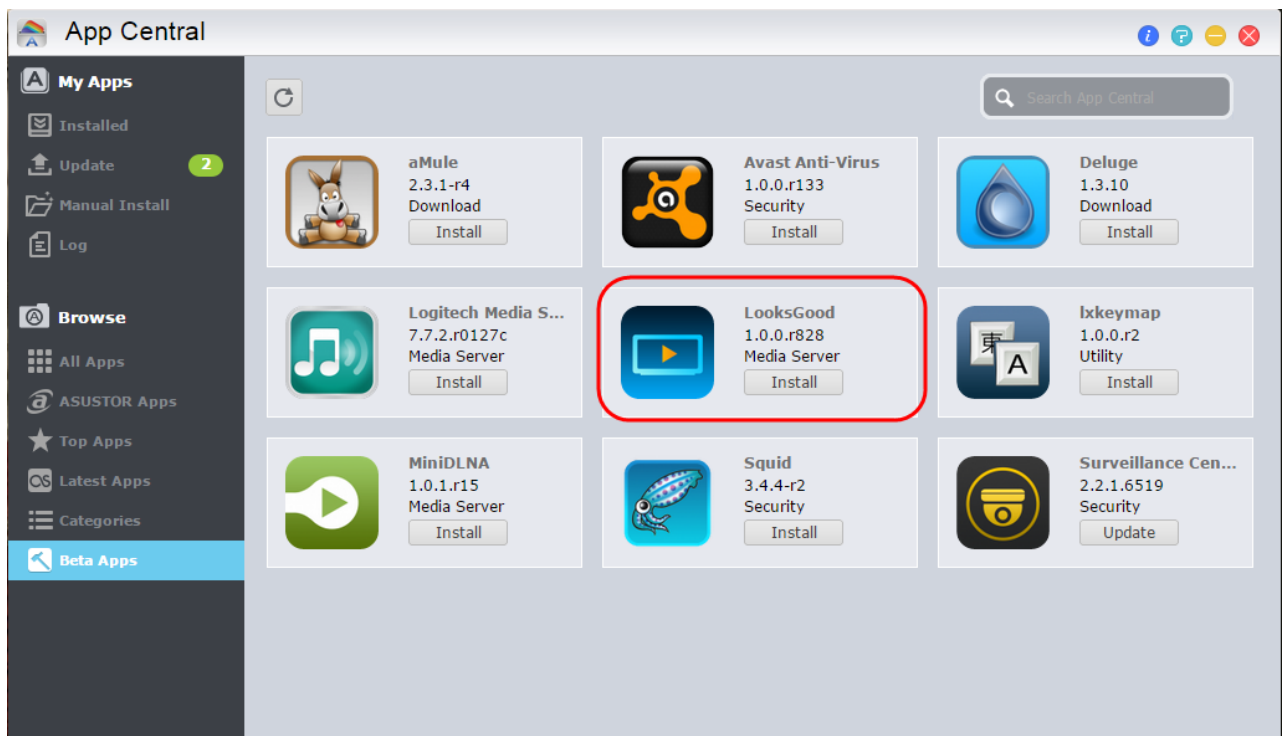
1. Introduction to LooksGood

In order to stream videos from your NAS, you will need to install LooksGood from ADM's App Central and also install the VLC media player Web browser plugin for Google Chrome (Windows version). If you wish to stream videos remotely, you will need to first open all ports associated with LooksGood.

1.1 Installing LooksGood and the VLC media player Web browser plugin

STEP 1

- ✓ Log into ADM, open **[App Central]** and search for LooksGood under **[Beta Apps]**.
- ✓ Click on the **[Install]** button to begin installation.



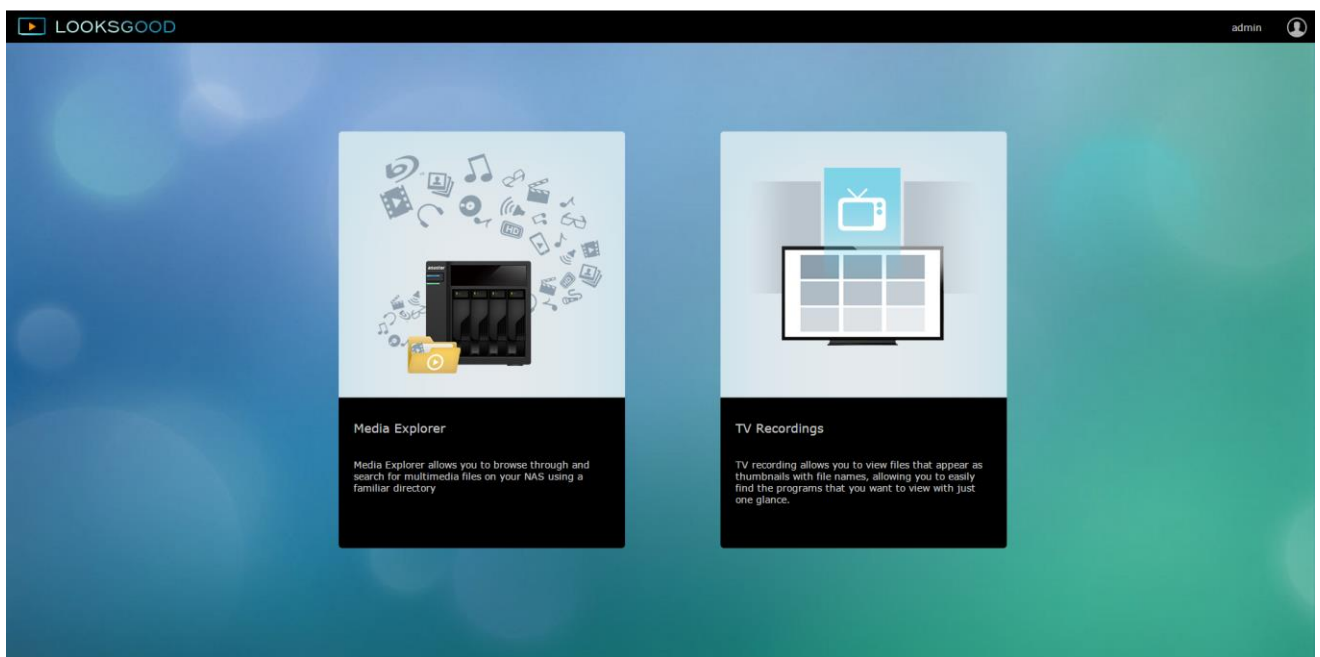
STEP 2

- ✓ For instructions on installing VLC media player browser plugin, please see: [NAS 110 – Installing the VLC Media Player Web Browser Plugin](#)

After installing LooksGood and the VLC media player Web browser plugin, open LooksGood from the ADM desktop. Once LooksGood is open, you will see the following two options:

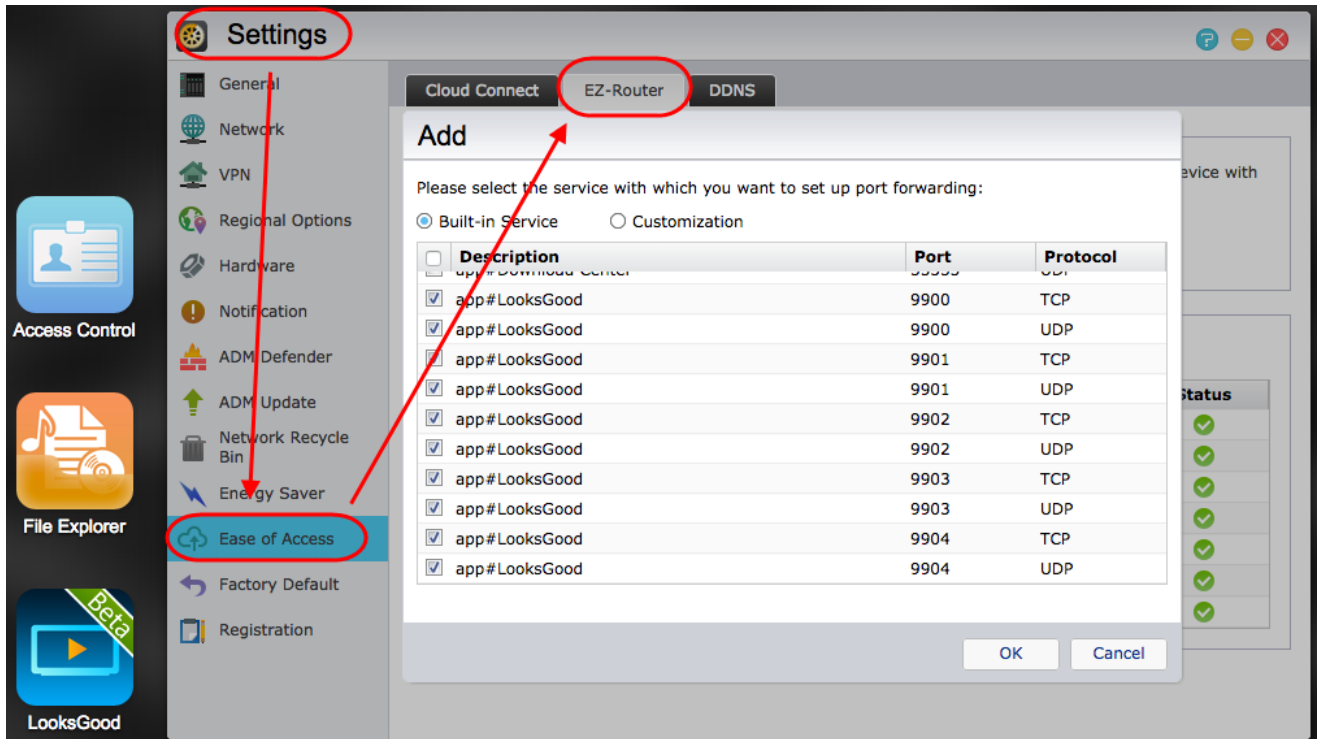
Media Explorer: Uses a familiar file directory structure to display multimedia files (videos/images) stored on your NAS.

TV Recordings: Allows you to configure digital TV program recording and TV program streaming



Note:

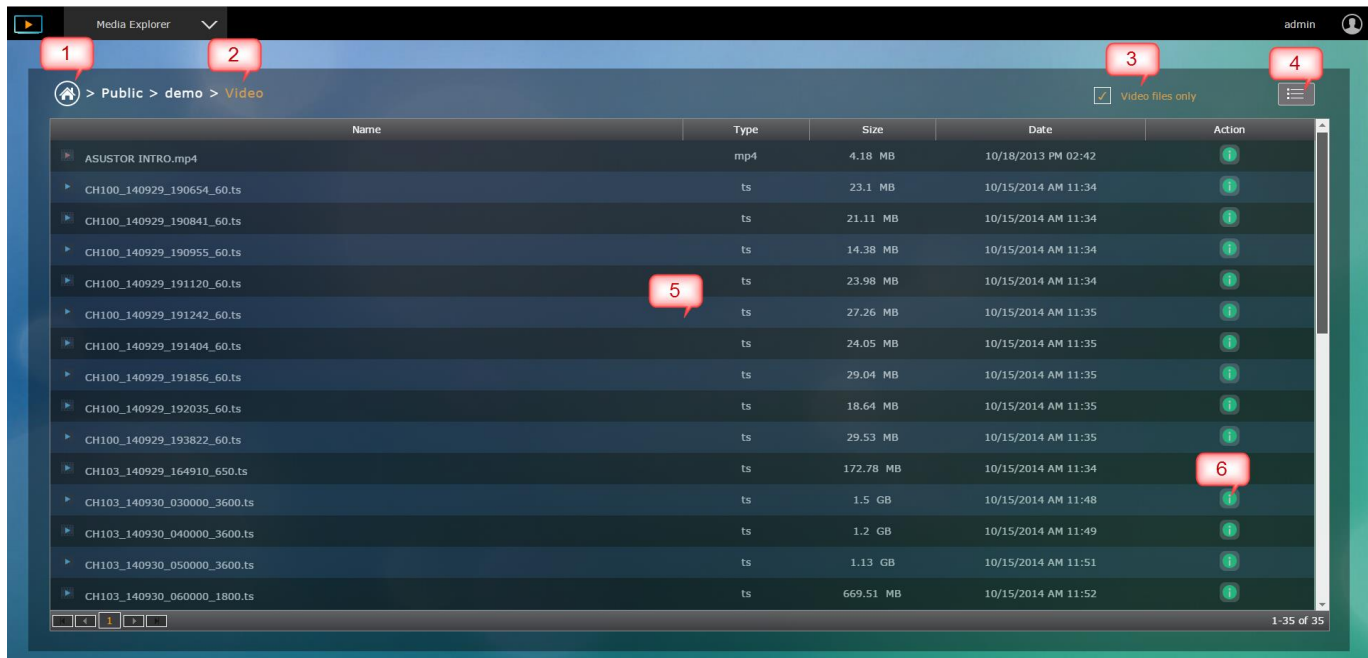
- ✓ If you wish to view videos on your mobile device, please download AiVideos for Android from Google Play.
- ✓ In order to make the appropriate port configurations to stream videos remotely please select **[Settings] → [Ease of Access] → [EZ-Router]** from the ADM desktop. For more detailed information please see the Notes section of this document.



2. Introduction to Media Explorer

Media Explorer uses a familiar file directory structure to display files allowing you to quickly find videos and images stored on your NAS.

The basic functions of the Media Explorer interface are illustrated in the graphic below.



1. Return to home directory (shared folder level)
2. File path. You can click on this to quickly change folders.
3. Select this to view video files only
4. Change between list and thumbnail views
5. Select files and play videos
6. Show video and image information

2.1 Media player functions

After clicking on a video file that you want to play, a new tab will open to play the video. The functions for the player are described below.



Play



Pause



Volume Control



Full Screen

The following icons will appear if the system detects that they are supported by the video:



Subtitles (If there are subtitles available, this will automatically appear)



Audio Channels (If there are multiple audio channels available, this will appear automatically)

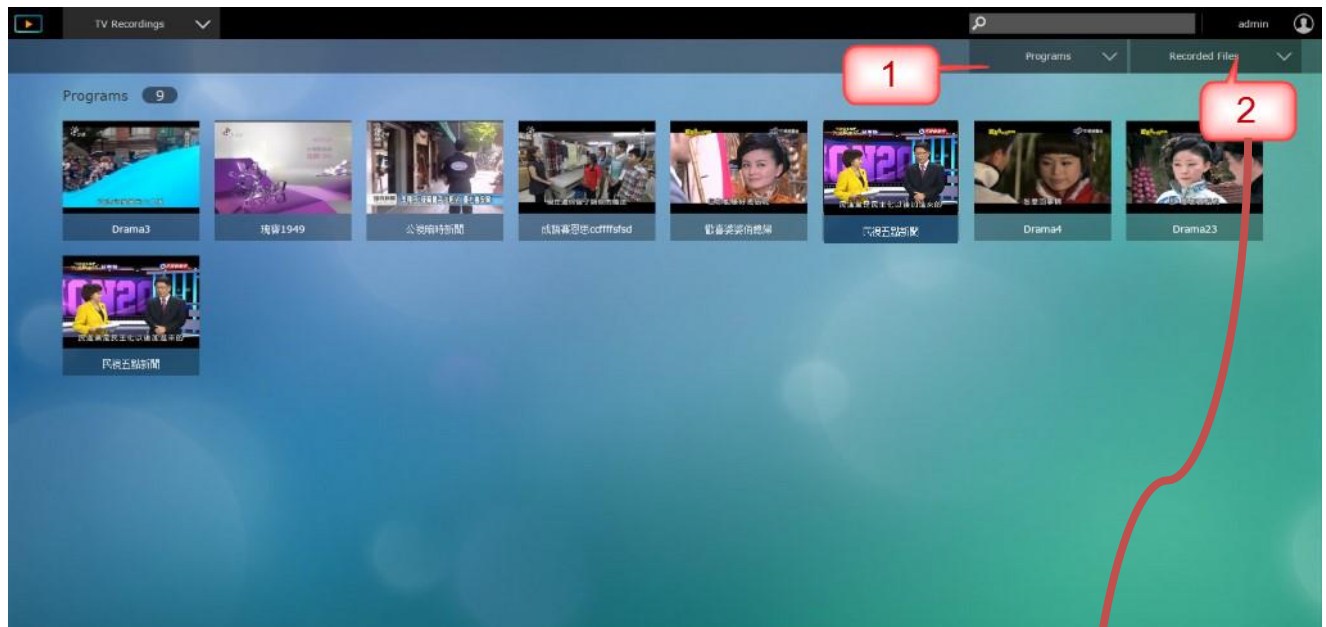


Playback Resolution (If stream transcoding is supported, this will appear automatically)

3. Introduction to TV Recordings

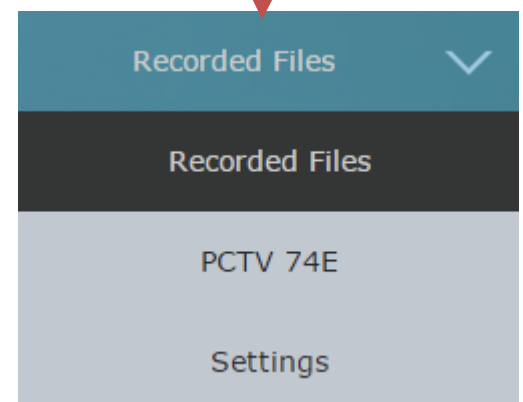
3.1 Digital TV dongle configuration

Selecting **[TV Recordings]** will take you to the TV Recordings interface. The basic functions of the interface are described below.



1. Organization of recorded files
 - ✓ Programs
 - ✓ Favorites
 - ✓ Recently Watched (25 most recent)
 - ✓ Recently Added (25 most recent)

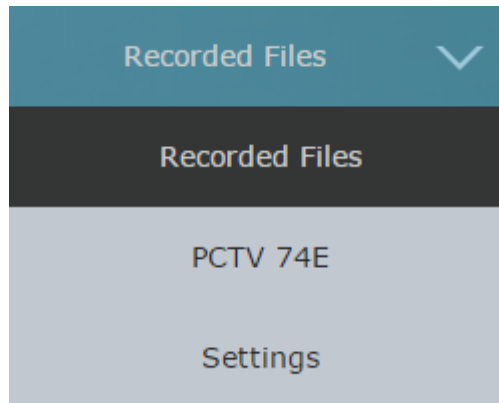
2. Recorded Files/TV Dongle Settings/Settings



Digital TV Dongle Configuration

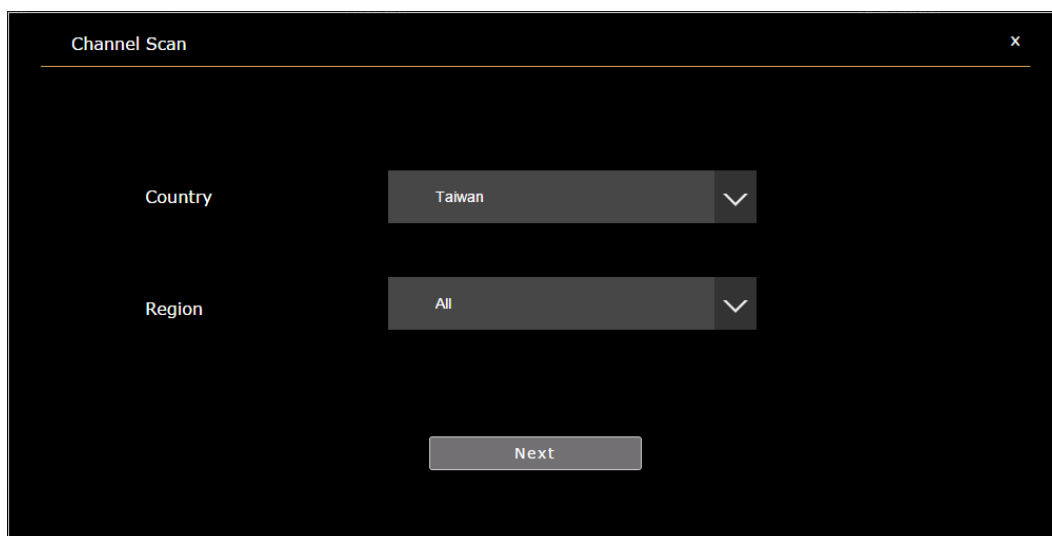
STEP 1

- ✓ After plugging in a compatible digital TV dongle into your NAS, you will see that it has been added to the Recorded Files menu. You should see your TV dongle's model number in the menu.



STEP 2

- ✓ Select the TV dongle to enter into the TV dongle settings page. At this time, the system will automatically present you with dialog boxes asking you to enter your country and region in order to allow for an optimal channel scan.

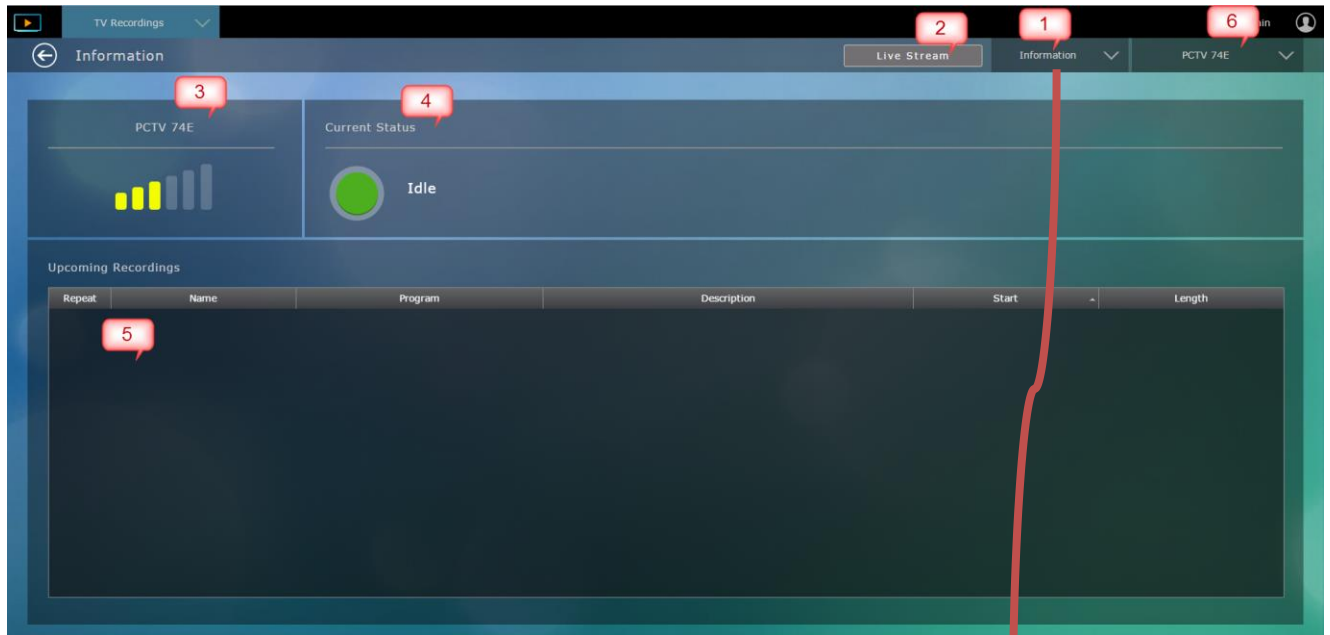


Note:

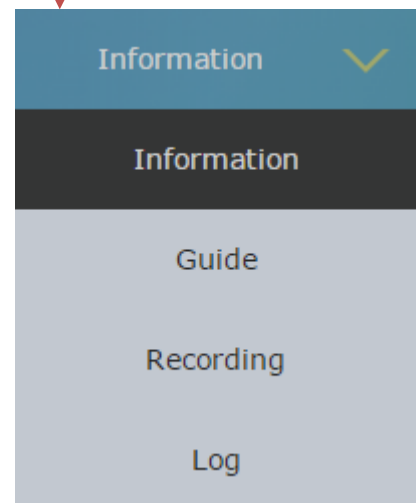
1. For a list of compatible digital TV dongles please see: http://www.asustor.com/service/tv_stick?id=tv_stick&brand_id=&type_id=27
2. TV signal strength depends on the positioning of the TV dongle antenna. Please test for optimal positioning in order to ensure recording quality.

STEP 3

- ✓ After scanning for channels, you will be able to see the information displayed in the graphic below.



1. TV dongle interface menu
 - ✓ Information
 - ✓ Guide
 - ✓ Recording
 - ✓ Log
2. Live Stream
3. TV dongle model number and signal strength
 - ✓ (A red icon will be visible if there is a recording in progress. You can click on the icon to stop the recording.)
4. Current status of the TV dongle (whether or not there is a recording in progress).
5. Upcoming recording tasks
6. Return to Recorded Files or Settings page



3.2 Configuring TV program recording tasks

In this section we will illustrate how to configure a recording task. We will be covering the following two examples:

1. Configuring the recording of a TV program.
2. Configuring the repeat recording of a TV program.

After clicking on [Guide], you will be able to see the screen shown below. The functions here are described as follows:



1. Date
2. Channel
3. Program air time, name and description
4. 4 types of recording actions



Record



Unable to record because air time has already passed



There is already a recording task scheduled for this time so you are not able to configure a recording task.

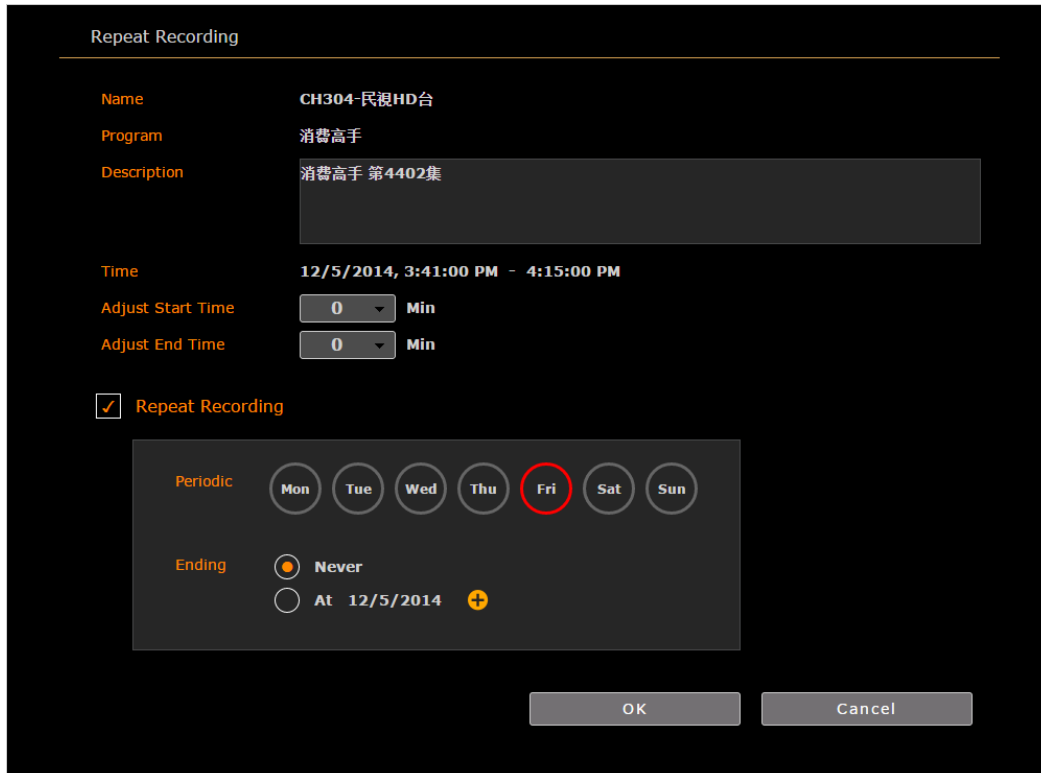


Successfully added recording task

5. More

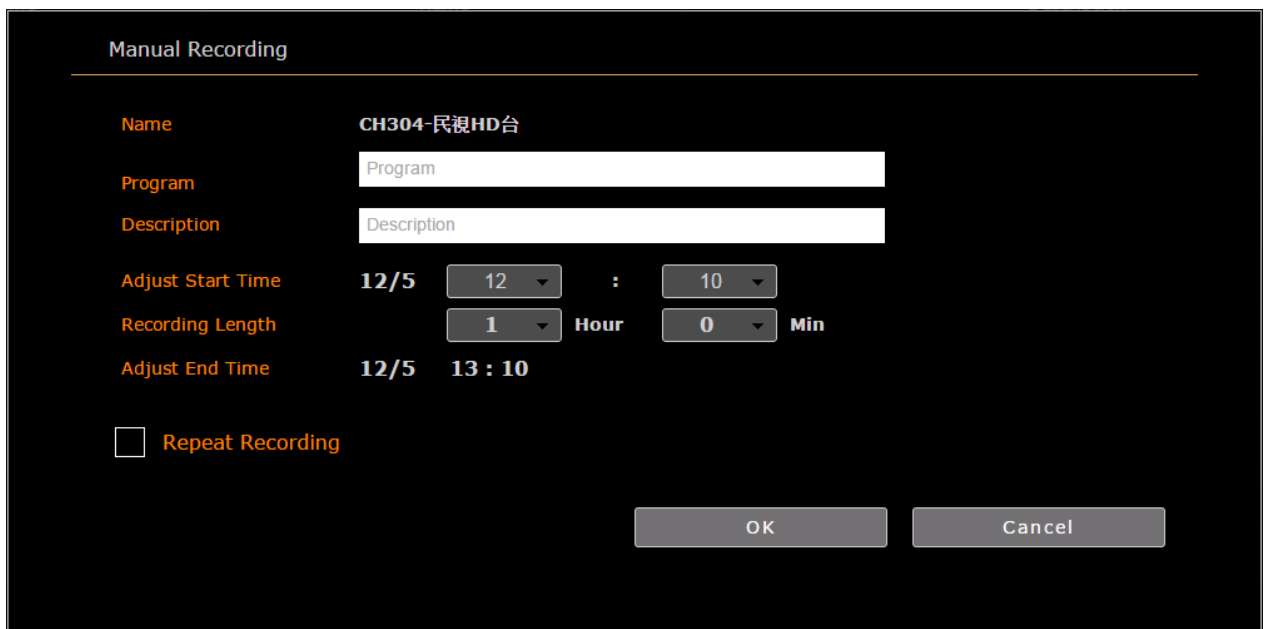
- ✓ Repeat Recording
- ✓ Manual Recording
- ✓ Channel Scan
- ✓ Refresh

Repeat Recording Interface



The screenshot shows the 'Repeat Recording' dialog box. It has a title bar 'Repeat Recording'. Below it, there are fields for 'Name' (CH304-民視HD台), 'Program' (消費高手), and 'Description' (消費高手 第4402集). The 'Time' field shows '12/5/2014, 3:41:00 PM - 4:15:00 PM'. There are two spinners for 'Adjust Start Time' and 'Adjust End Time', both set to '0' minutes. A checkbox labeled 'Repeat Recording' is checked. Below this, there is a section for 'Periodic' recording with buttons for 'Mon', 'Tue', 'Wed', 'Thu', 'Fri', 'Sat', and 'Sun'. The 'Fri' button is highlighted with a red circle. Below this, there is a section for 'Ending' with two radio buttons: 'Never' (selected) and 'At 12/5/2014' (with a plus icon). At the bottom, there are 'OK' and 'Cancel' buttons.


Manual Recording Interface



The screenshot shows the 'Manual Recording' dialog box. It has a title bar 'Manual Recording'. Below it, there are fields for 'Name' (CH304-民視HD台), 'Program' (with a text input field), and 'Description' (with a text input field). The 'Adjust Start Time' field shows '12/5' followed by a spinner set to '12' and a spinner set to '10'. The 'Recording Length' field shows a spinner set to '1' followed by 'Hour' and a spinner set to '0' followed by 'Min'. The 'Adjust End Time' field shows '12/5' followed by '13 : 10'. A checkbox labeled 'Repeat Recording' is unchecked. At the bottom, there are 'OK' and 'Cancel' buttons.

Configuring a recording task for a TV program

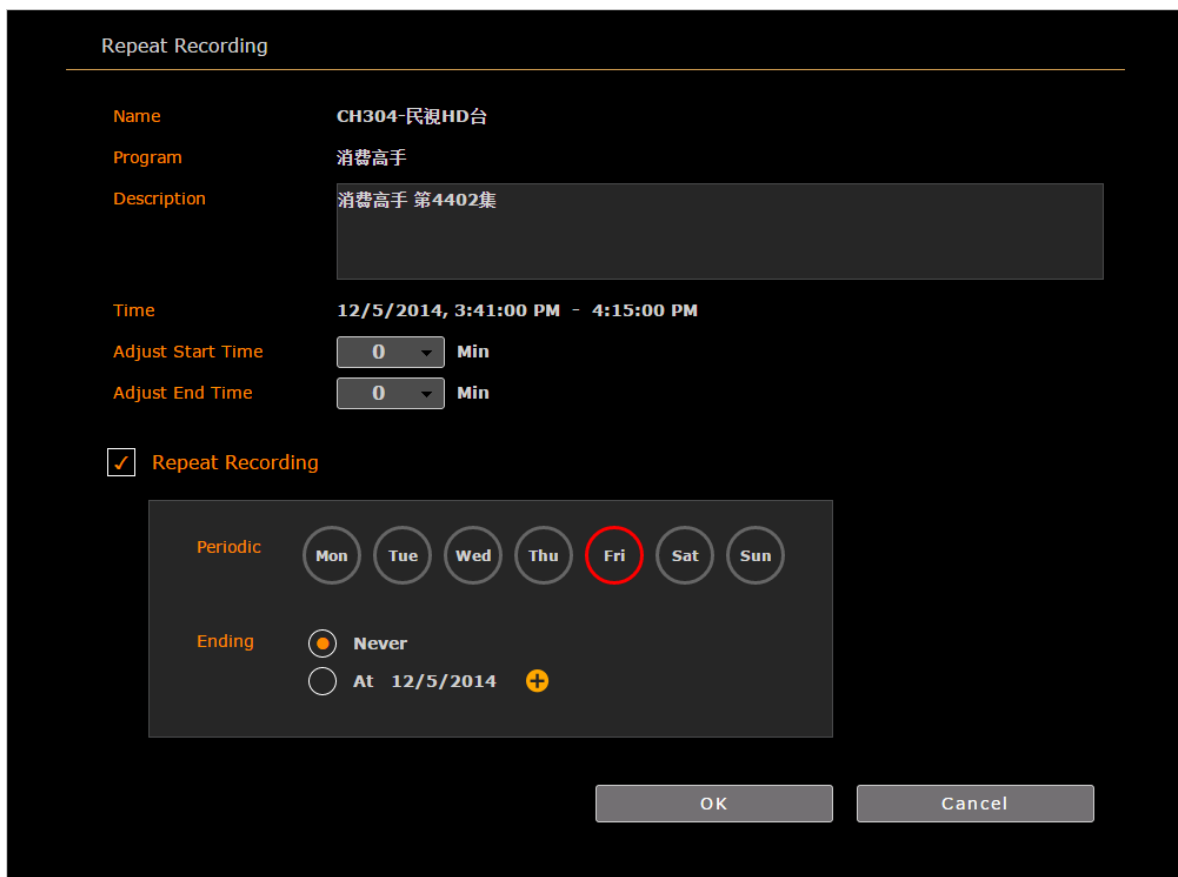
STEP 1

- ✓ Click on  [Record] for the program of your choice to configure a recording task for the program.


Configuring a repeat recording task for a TV program

STEP 1

- ✓ Select the program of your choice
- ✓ Select **[More] → [Repeat Recording]**
- ✓ After selecting the days you want to record on, click on **[OK]** to complete configuration.



The screenshot shows the 'Repeat Recording' configuration window. It contains the following fields and options:

- Name:** CH304-民視HD台
- Program:** 消費高手
- Description:** 消費高手 第4402集
- Time:** 12/5/2014, 3:41:00 PM - 4:15:00 PM
- Adjust Start Time:** 0 Min
- Adjust End Time:** 0 Min
- ☒ **Repeat Recording**
- Periodic:** A row of buttons for days of the week: Mon, Tue, Wed, Thu, **Fri** (highlighted with a red circle), Sat, Sun.
- Ending:**
 - ☒ **Never**
 - ☐ **At** 12/5/2014 
- Buttons:** OK and Cancel at the bottom right.

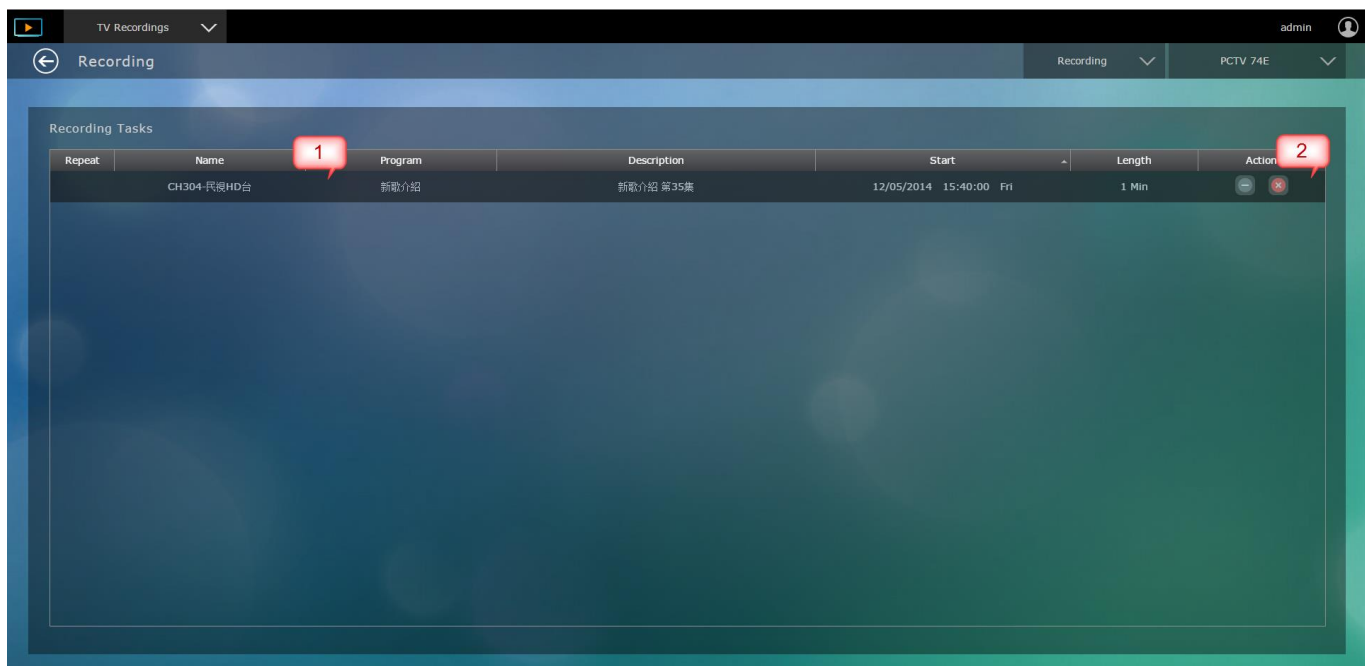
3.3 Recording task management

In this section we will show you how to manage recording tasks. The following examples will be covered:

1. Removing a recording task
2. Editing a repeat recording task

STEP 1

✓ After selecting **[Recording]**, you will see the interface shown in the graphic below.



1. Recording task
2. 2 types of recording task actions





Edit



Remove

STEP 2

- ✓ Click on  to remove a recording task.
- ✓ Click on  to edit a scheduled recording or manual recording settings.


3.4 Playing recorded files and streaming digital TV

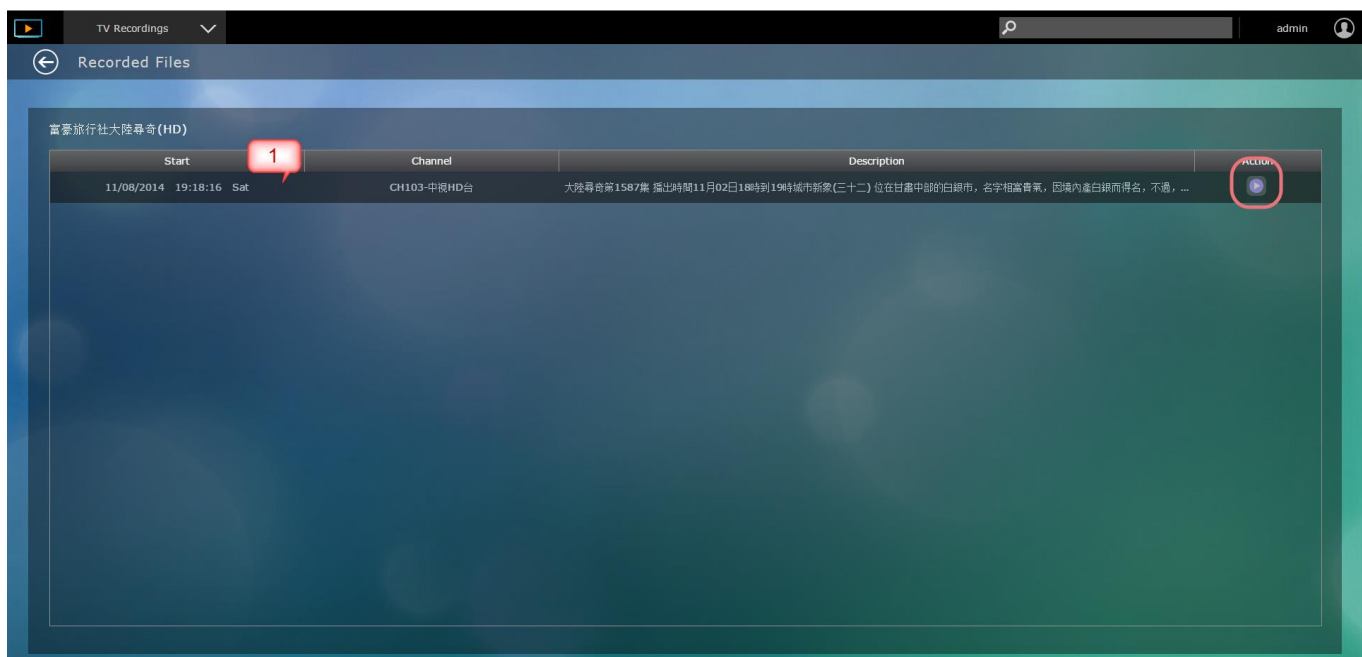
In this section we will illustrate how to play recorded files and stream digital TV. The following examples will be covered:

1. Playing a previously recorded file
2. Streaming digital TV

Playing a previously recorded file

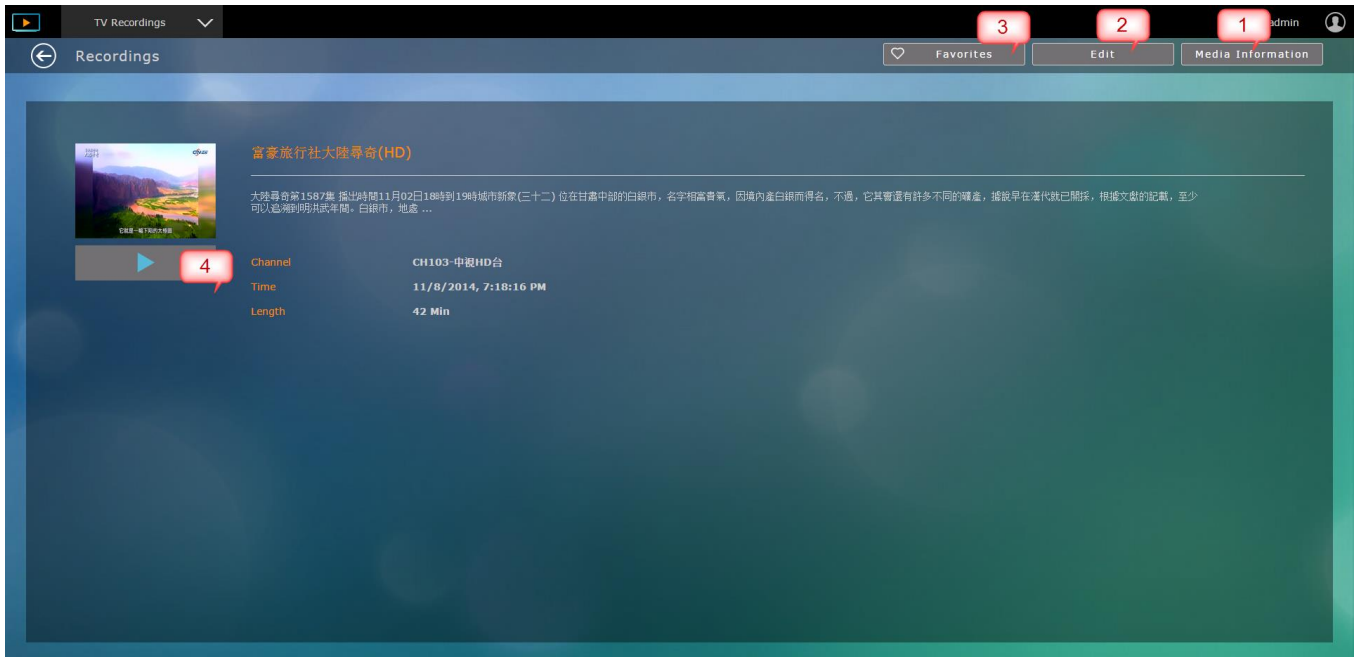
STEP 1

- ✓ Select [Recorded Files].
- ✓ Select the recorded program that you wish to play. You should now be able to see the screen shown in the graphic below.
- ✓ Click on  to play the file.
- ✓ You can also click on the program file [\[1\]](#) to view more information about the program.



STEP 2


- ✓ should be able to see the screen in the graphic below after clicking on the program file.

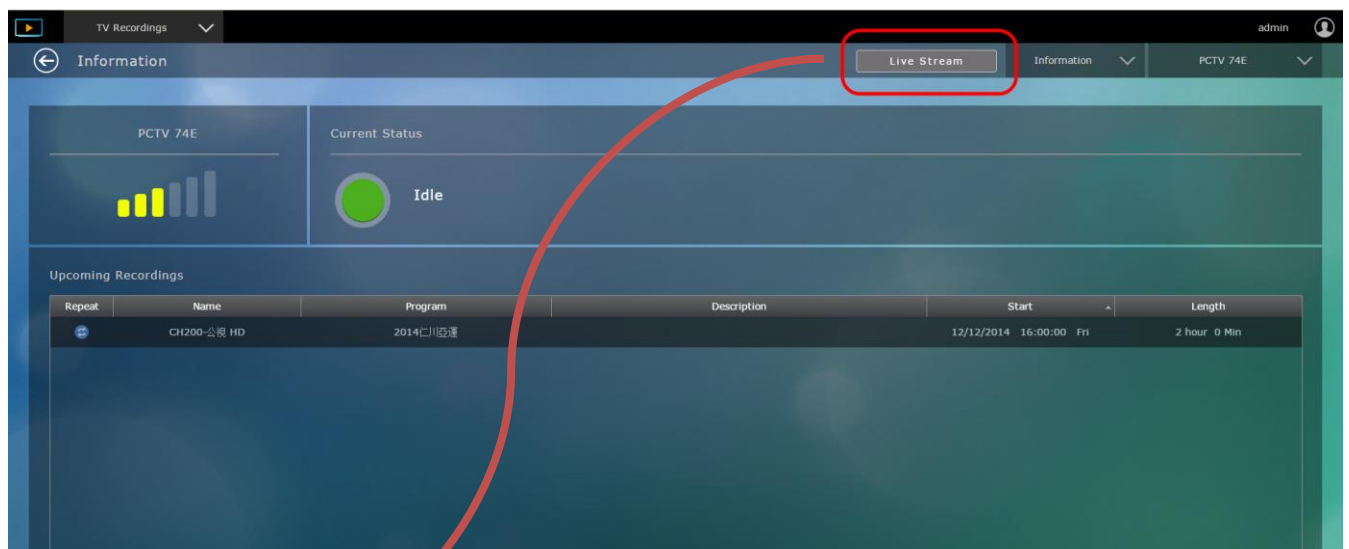


1. View media information for the recorded file
2. Edit the program name and description for the recorded file
3. Add the recorded file to your favorites
4. Play the recorded file

Streaming digital TV

STEP 1

- ✓ Select [Recorded Files] and then select ["Your TV dongle model number"].
- ✓ Click on [Live Stream].
- ✓ You will now be able to the screen shown in the graphic below. Select the program of your choice and then click on  to begin streaming it.



4. Notes

LooksGood can only execute one recording/streaming task at a time.

Formats supported by LooksGood are as follows:

Supported Web Browsers	Google Chrome for Windows
Supported Video Formats	avi, flv, mov, mp4, mkv, mka, ts, mpg, ra, ram, rm, rv, rmvb
Supported Video Codecs	aac_latm, aac, ac3_fixed, ac3, dca, eac3, h.264, mlp, mp1, mp2, mp3, mpeg2video, mpeg4, treuhd, vc1, wma, wmv3
Supported External Subtitle Formats (UTF-8)	srt, ass, ssa
Supported Image Formats	jpg, jpeg, bmp, png, gif, tif
Supported Digital TV Dongle Standards	DVB-T, DTMB
Hardware Transcoding Support	AS3

EZ-Router WAN Connection Ports for LooksGood and AiVideos

Type	Port	Protocol
LooksGood	9900~9904,80 (Web Server Default)	TCP/UDP
AiVideos	9900	TCP/UDP