NAS 139 LooksGood – Introduction to Media Converter

Use Media Converter to convert video files

ASUSTOR COLLEGE



COURSE OBJECTIVES

Upon completion of this course you should be able to:

1. Use Media Converter to convert video files.

PREREQUISITES

Course Prerequisites: None

Students are expected to have a working knowledge of: LooksGood

OUTLINE

1. Introduction to Media Converter

1.1 Tasks

- **1.2 Smart Folder**
 - 1.2.1 Converting a Smart Folder
- 1.3 Settings

1.4 Log

- 2. Selecting a Video File for Conversion
- 3. Notes

1. Introduction to Media Converter

Media Converter uses the quickest and most simple method to allow you to execute file conversions tasks in the background. With Media Converter, you don't need to worry about video formats not being supported when playing videos over a Web browser or with your phone/tablet.

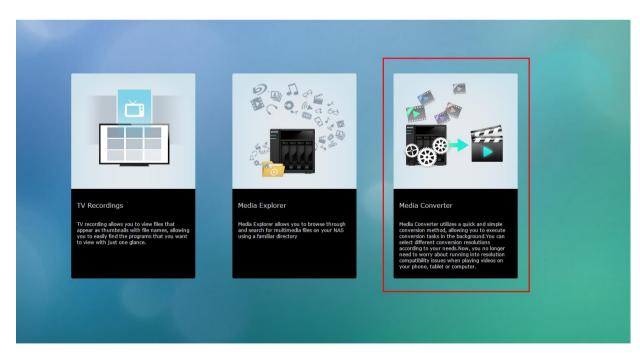
The exclusive built-in Hyper-Transcoding technology was expertly crafted by ASUSTOR. This technology utilizes the Intel CPU hardware acceleration function to make video file conversions faster and simpler than ever before. Using Hyper-Transcoding to convert video files can reduce the normal conversion time by at least 10 times.

Current models supporting hardware acceleration: AS3/AS50/AS51/AS70

Hyper-Transcoding technology is available on the following models: AS50/AS51/AS70

1.1 Task

After opening LooksGood, you will be able to see the screen shown in the graphic below. Select [Media Converter].



Media Converter 🗸				5	4
🗲 Task				A	1d Task
Current Status	Name Length Converted file name Time remaining Status	0307.mkv 59 Min 6 Sec 0307_[looksgood_240p].mp4 3 Min 49 Sec (FPS : 213) Transcoding 43%	2 Abort		
Upcoming Tasks			3		£ († († (†
	Name			Resolution	Action
0304.mkv				480p	
0306.mkv				480p	
0307.mkv				480p	0
					1-3 of 3

You should now be able to see the Media Converter information page.

1. Current Status: shows Whether Media Converter is currently running. The three different statuses that can be shown are Ready, Transcoding and Pause.

2. For transcoding tasks in progress the following information will be shown:

- Name: Name of file being converted
- Length: Length of file being converted
- Converted file name: Name of the new converted file
- Time remaining: Time remaining until the conversion task is complete
- Status: Status of the conversion task
- **3.** Upcoming Tasks: Here you can adjust the order of conversion tasks, the conversion resolution and remove conversion tasks.
- **4.** Here you can change the Media Converter function page. Other pages include Smart Folder, Log and Settings.
- **5.** Add conversion task button: Allows you to choose the file or directory that you wish to convert.

Here, we will demonstrate how to add a conversion task.

STEP 1

- ✓ Click on **[Add]**. The window shown in the graphic below should pop up.
- ✓ Select that file or folder that you wish to convert.
- ✓ Click on **[Next]** once you are done.

Add				x
	⇒ tv		▲	
	✓ 2nd			
	▶ 0307.mkv		Real Providence	
	0306_[looksgood_240p].mp4			
	▶ 0306.mkv			
	0304_[looksgood_240p].mp4			
	() 0304.mkv			
	▶ win7			
			*	
		Cancel	Next	

STEP 2

✓ Here you can select the resolutions that you wish to convert to (you can select multiple resolutions).

Resolution		
Please configure the default video conversion resolutions. All video	s in this folder will be converted	using these resolutions.
Original 1080p 720p	480p 360p	240p
Cancel	Previous	ОК

✓ Once you have finished with your selections, click on **[OK]**.

STEP 3

✓ The time required for conversions will depend on the NAS CPU and the length of the video file. A message will now appear showing you this information. You can select the [Do not show this again] checkbox and then click on [OK]. The conversion task has now been successfully added.

Information
The converting process will consume a significant amount of system resources.
The time required for the conversion will depend on the following:
1. NAS CPU model
2. Total length of the video file
OK Cancel
Do not show this again

1.2 Smart Folder

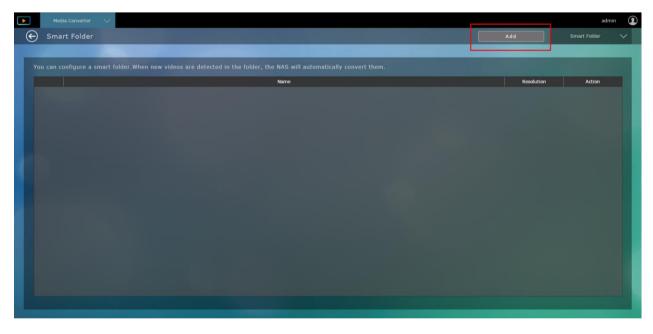
Here, you can configure a Smart Folder. When new videos are added to the Smart Folder, the NAS will automatically convert them.

1.2.1 Configuring a Smart Folder

In the example below, we will demonstrate the process of configuring a Smart Folder.

STEP 1

✓ Click on [Add].



STEP 2

- ✓ A window will now pop up prompting you to select the folder that you wish to configure as the Smart Folder.
- ✓ After selecting the folder of your choice, click on **[Next]**.

Download	A
Media	
Music	
▶ Optware	
PhotoGallery	
▶ Public	
▹ Surveillance	
► TDDOWNLOAD	
▶ ThunderDB	-

STEP 3

✓ Select the default video conversion resolutions and then click on **[OK]** to complete configuration.

Resolution
Please configure the default video conversion resolutions. All videos in this folder will be converted using these resolutions.
360p 480p 720p 1080p Original
You can configure a smart folder. When new videos are detected in the folder, the NAS will automatically convert them.
Cancel Previous OK

1.3 Settings

Here you can configure detailed settings for Media Converter. The settings found here include:

• Smart Converting

Smart converting is an exclusive setting developed by ASUSTOR. After enabling Smart Converting, the system will automatically start/stop converting based on the availability of current system resources.

• Converting Task Scheduling

Converting Task Scheduling is an exclusive setting developed by ASUSTOR. Enabling Converting Task Scheduling allows the system to convert only during the specified timer period for better system resource allocation.

• Location to save converted files to

Here you can select the location that you wish to save converted files to.

	Media Converter	\checkmark		admin	
${igodot}$	Settings		Settings		
	After enabling Smart	Converting, the system will automatically start/stop converting based on the availability of current system resources.			
	Enable Smart	Converting			
	Enabling Converting	ask Scheduling allows the system to convert only during the specified time period for better system resource allocation.			
	Enable Convert	ing Task Scheduling			
	Location to save conv	erted files to			
	Same location	as original file			
	Designated lo				
	/volume1/Video				
			Apply		

1.4 Log

Here you can view the event log for conversion tasks. Selecting the failed icon for a failed converting task will allow you to view information about why the task failed. Clicking on the column to the left allows you to connect to Media Explorer, conveniently allowing you to view converted files or to check if they need to be re-converted.

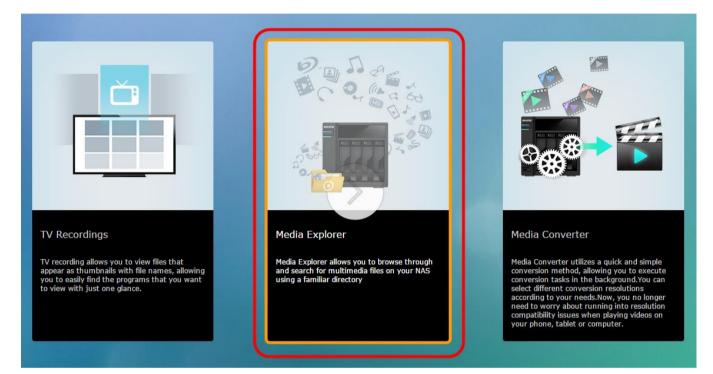
E Log		More		Log	\sim
Log	-				
Name	Resolution	Finish 🗸	Time elapsed	Result	1
/volume1/Public/tv/2nd/3rd/0307.mkv	480p	2015-04-24 11:41:43	8 Min		
/volume1/Public/tv/2nd/0306.mkv	480p	2015-04-24 11:34:12	8 Min	S	
/volume1/Public/tv/0304.mkv	480p	2015-04-24 11:26:44	10 Min		
/volume1/Public/tv/2nd/3rd/0307.mkv	240p	2015-04-24 11:17:39	7 Min	S	
/volume1/Public/tv/2nd/0306.mkv	240p	2015-04-24 11:11:06	7 Min		
/volume1/Public/tv/0304.mkv	240p	2015-04-24 11:04:59	7 Min	2	
/volume1/Public/tv/Game.of.Thrones.S03E04.And.Now.His.Watch.Is.Ended.1080p.WEB-DL.DD5.1.H.264-NTb.mkv	480p	2015-04-24 10:53:44	1 Min	P	
/volume1/Public/tv/2nd/3rd/Game.of.Thrones.S03E07.720p.HDTV.x264-EVOLVE.mkv	240p	2015-04-23 17:49:36	6 Min	2	
/volume1/Public/tv/2nd/Game.of.Thrones.503E06.720p.HDTV.x264-1MMERSE.mkv	240p	2015-04-23 17:44:05	6 Min		
/volume1/Public/tv/Game.of.Thrones.S03E04.And.Now.His.Watch.Is.Ended.1080p.WEB-DL.DD5.1.H.264-NTb.mkv	240p	2015-04-23 17:38:38	7 Min		
Media Explorer					
Public > tv > 2nd	Tasl	aborted manually by	user.		
3rd 0306 [looksgood 240p].mp4					
Transfor					
0306_[looksgood_480p].mp4		ок			
0306.mkv					

2. Selecting a Video File for Conversion

In this example we will select a video file via Media Explorer and then execute a file conversion for it.

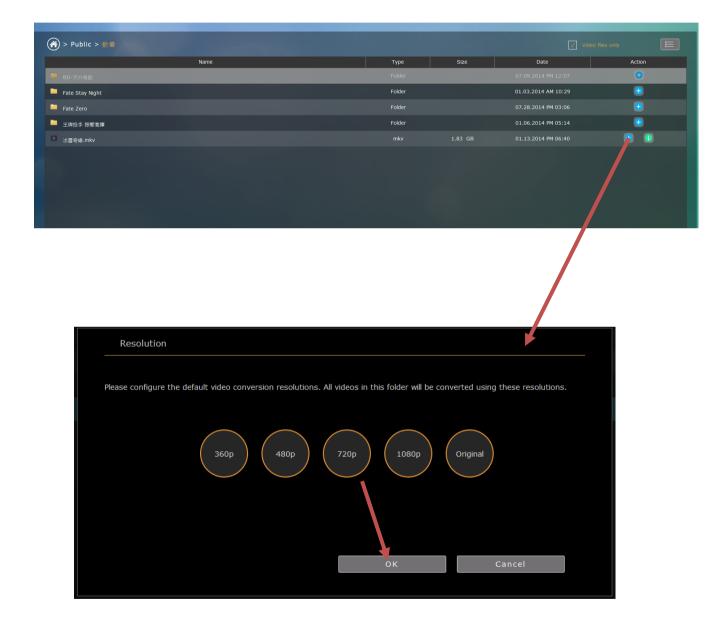
STEP 1

✓ Open LooksGood and then select [Media Explorer].



STEP 2

- ✓ After entering into Media Explorer, navigate into a folder that contains video files.
- \checkmark Selecting the \bigcirc button for the video file will cause the conversion configuration interface to pop up.
- ✓ After completing the appropriate configurations, click on [OK]. The file has now been added as a conversion task.



3. Notes

Media Converter can only execute one conversion 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, wmav2, 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
Hyper-Transcoding Support	AS50/AS51/AS70