

Video Transcoding Tool Function and Operation

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1. Function:

- 1: Stream conversion: dav, flv, avi, ps, ts as original stream.
May convert to flv, mp4, avi, asf, dav, ps, ts format for target record
- 2: Record after conversion can be played as normal.
- 3: Support simultaneous conversion of multiple records.
- 4: May set task number (record quantity of simultaneous conversion) .
- 5: May pause during conversion.
- 6: Delete conversion record, but will not delete converted record.
- 7: Support to create directory when you open converted record.

2. Currently Supported A/V Encoding Combination:

Original Format: dav, flv, avi, ps, ts

Target Format: flv, mp4, avi, asf, dav, ps, ts

Target Format	Video Encode Format	Audio Encode Format and Sampling Bit
DAV	MPEG4 , H264 , JPEG , JPEG2000 , SVAC , MPEG2,H263, H265,	PCM8 , G729 , IMA_ADPCM , G711U, G721, MP3, G722_1 , G722, AAC, G723.1, MP2
	HIK H264	
MP4	H264, MPEG4, JPEG , H265	AAC, MP2
FLV	H264	PCM, PCM16, AAC
AVI	MPEG4, H264 (Dahua and standard), JPEG 、 HiSiliconH264(后增)	G711U, G711A, PCM16, AAC
ASF	MPEG4, H264 (Dahua、 standard), JPEG	G711U, G711A, PCM16, AAC
PS	Dahua PS: H264, MPEG4, MPEG2, H265, JPEG, SVAC	Dahua PS: AAC, MP2, G711A/U
	Standard PS: H264, MPEG4, MPEG2, H265	Standard PS: AAC, MP2
	(VLC does not support H265 PS play for now)	GAYSPS : when it is G711A, sampling rate must be 8K
TS	H264, MPEG4, MPEG2 , H265	MP2, AAC
WAV	N/A	G711A, PCM16

Note : If format is general after conversion, use vlc to play.

3. Operation

3.1 Installation Step

Step 1. : Double click ConvertTool installation pack, enter installation interface, see Figure 3-1.

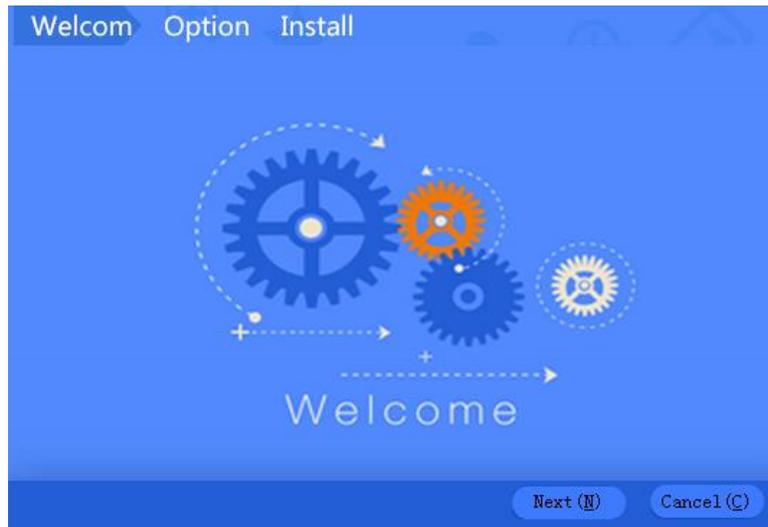


Figure 3-1

Step 2. Click Next.

The system enters Option interface, see Figure 3-2. Read the agreement and check I agree. Select directory to install the tool. Click Install.

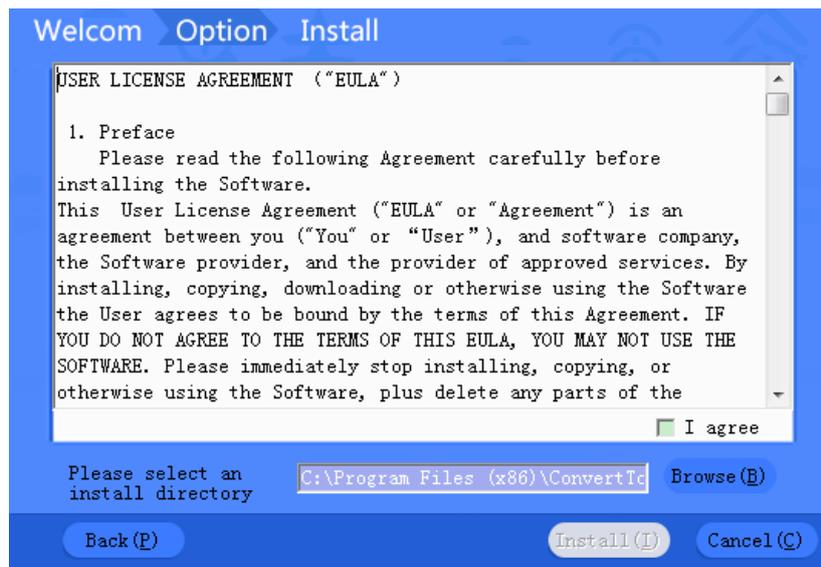


Figure 3-2

Step 3. After installation is complete, click Enjoy Now, see Figure 3-3.

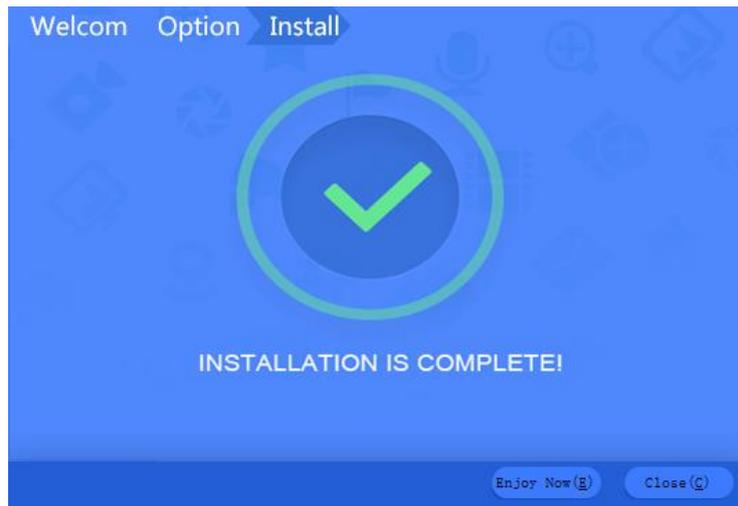


Figure 3-3

3.2 Open and Uninstall

3.2.1 Open

Select Start >All Programs > ConvertTool > ConvertTool” or double click icon on desktop.

3.2.2 Uninstall

Select Start >All Programs > ConvertTool > Uninstall ConvertTool.

3.3 Homepage

Player is in Figure 3-4.

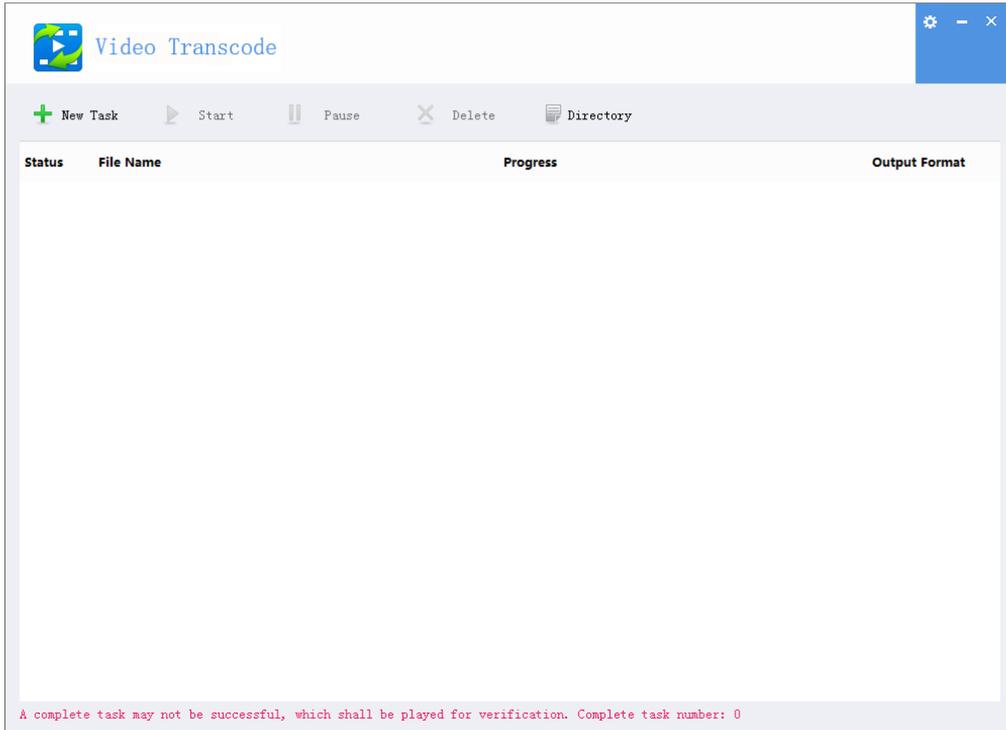


Figure 3-4

3.3.1 System Menu

System menu is in Figure 3-5.



Figure 3-5

Click , in system pop-up Setup interface, you can set general directory and max allowed task. **Max allowed task is the max number of record simultaneously converted.** Click OK, see Figure 3-6.

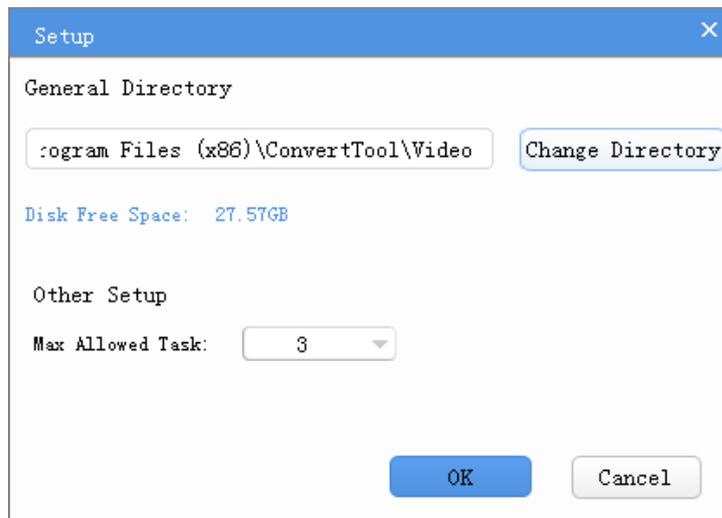


Figure 3-6

3.3.2 System Tool

System tool is in Figure 3-7.



Figure 3-7

New Task:

Click **+ New Task**, in system pop-up New Task window, you can add, delete and clear record file. After you add record file, you can output directory and output format, click **Start Conversion**, see Figure 3-8.

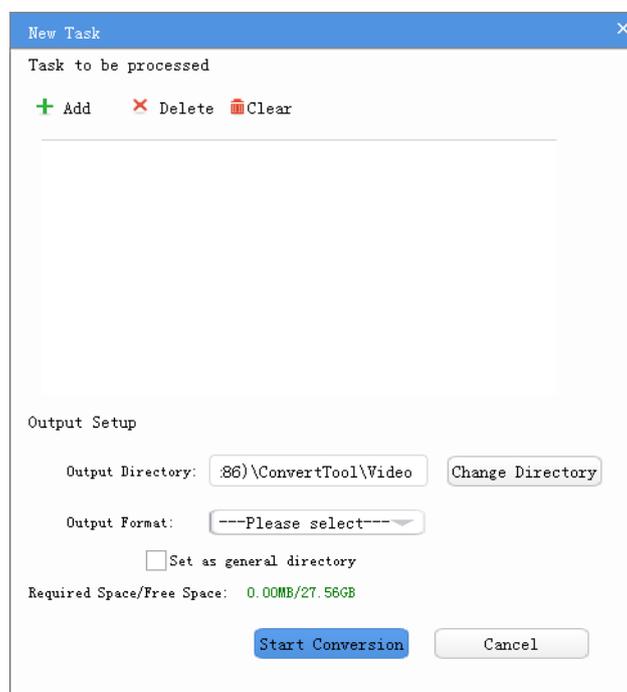


Figure 3-8

Start

When conversion is paused, click Start, to continue conversion of the record file, see Figure 3-9.

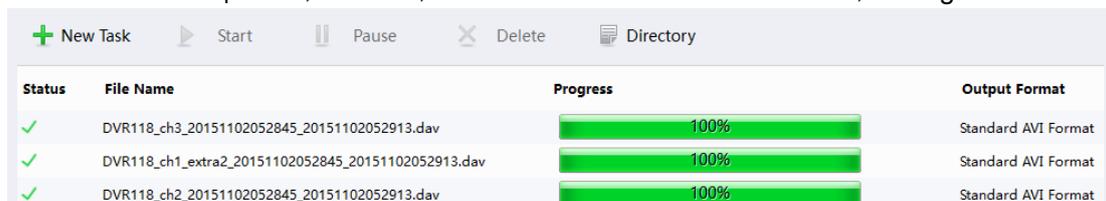


Figure 3-9

Pause

When the tool is converting records, click Pause to pause conversion, see Figure 3-10.

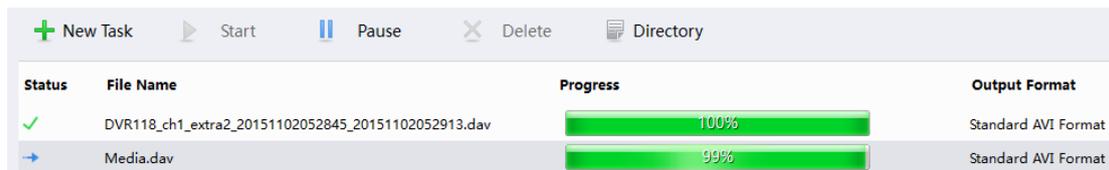


Figure 3-10

Delete

By clicking Delete, you can delete record waiting to be converted or converted record (If the record has been converted already, then you can only delete record of conversion here, not the actual record file).

Directory

Click Directory, you can directly open directory where the file locates. If you do not select any file, by clicking Directory you can open general directory.