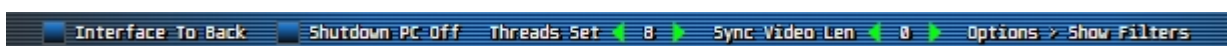


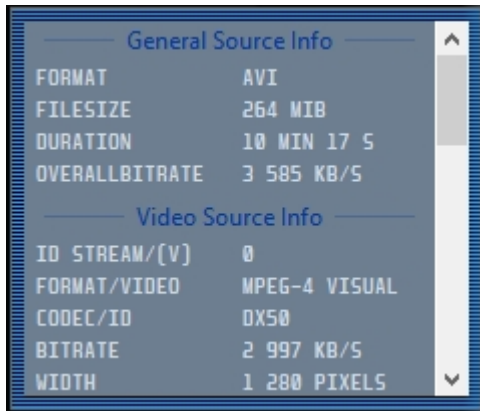
- **DLG Fox Encoding V.1.69 Beta x32/x64 Tested on Systems Win7 (x32/x64) - Win10 (x32/x64)**



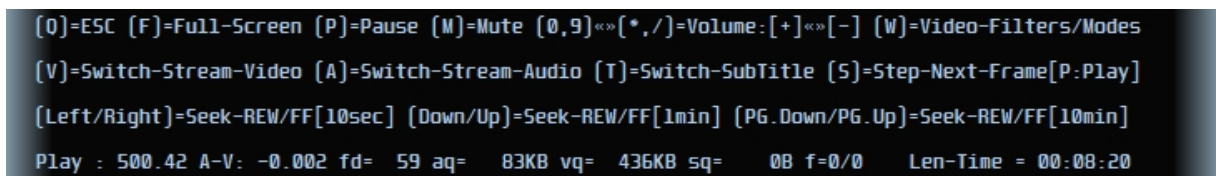
- ✓ General Options :



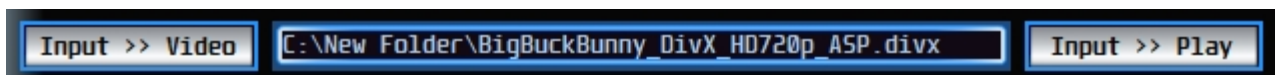
- ❖ Command Interface (Flag-ON= Interface To Front) / (Flag-OFF= Interface To Back) On the Playback Window and Video Preview.
- ❖ Shutdown PC a Video Editing and Conversion Completed.
- ❖ Manual Setting of Number Threads of the System in Use.
- ❖ Video Synchronization Between The Command Interface and Playback Window for Video Preview.
- ❖ Activate / Deactivate Video Preview for Setting and Configuring Video Filters.
- ✓ View Short Information Of Loaded Video File:
 - ❖ General Info.
 - ❖ Video Track Info.
 - ❖ Audio Track Info.



- ✓ Detailed Information of Loaded Video File + Full Log Info On Conversion and Command Interface Video Preview.

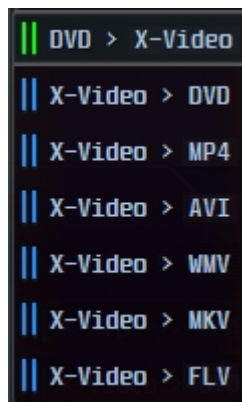


- ✓ All Supported Input Formats :

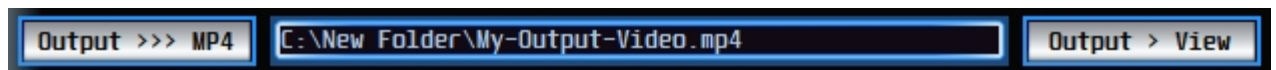




✓ Video Formats Options in Output :



❖ Converting to "DVD" or "X-Video" Formats >> All Supported Formats In Output :



MP4 Video-File [.mp4] (.mp4)
 MP4 Video-File [.mp4] (.mp4)
 M4V Video-File [.m4v] (.m4v)
 MOV Video-File [.mov] (.mov)
 VOB Video-File [.vob] (.vob)
 MPG Video-File [.mpg] (.mpg)
 MPEG Video-File [.mpeg] (.mpeg)
 AVI Video-File [.avi] (.avi)
 TS Video-File [.ts] (.ts)
 DV Video-File [.dv] (.dv)
 WMV Video-File [.wmv] (.wmv)
 MKV Video-File [.mkv] (.mkv)
 FLV Video-File [.flv] (.flv)
 SWF Video-File [.swf] (.swf)
 OGV Video-File [.ogv] (.ogv)
 WEBM Video-File [.webm] (.webm)

❖ In The Optional Specification :

|| X-DVD >>> MP4

MP4 Video-File [.mp4] (.mp4)
 MP4 Video-File [.mp4] (.mp4)
 M4V Video-File [.m4v] (.m4v)
 MOV Video-File [.mov] (.mov)

|| X-DVD >>> AVI

AVI Video-File [.avi] (.avi)
 AVI Video-File [.avi] (.avi)
 TS Video-File [.ts] (.ts)
 DV Video-File [.dv] (.dv)

|| X-DVD >>> WMV

|| X-DVD >>> MKV

|| X-DVD >>> FLV

FLV Video-File [.flv] (.flv)
 FLV Video-File [.flv] (.flv)
 SWF Video-File [.swf] (.swf)

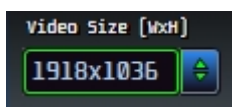
|| X-DVD >>> OGV

|| X-DVD >> WEBM

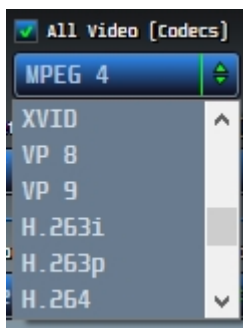
✓ Command Interface: General Configuration (DVD / X-Video) :



- ❖ Video Scale Resolution In A Range Including From : (320x240p >> 7680x4320p) + Manual input (WxH).



- ❖ Activated Flag Option wide choice of the Video Codecs for Encoding to Output and/or Copy Codec Input to Output.

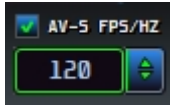


FORMAT (Containers)	VIDEO (Codecs)	AUDIO (Codecs)
*.mp4	H.264/(AMD)/(NVE), H.265/(AMD)/(NVE), MPEG-1, MPEG-2, MPEG-4, VP9	AAC, AC3, MP2, MP3, DTS, VORBIS
*.vob	MPEG-1, MPEG-2	AC3, DTS, MP2
*.mpg	MPEG-1, MPEG-2	AC3, MP2
*.avi	H.263, H.263p, H.264, MPEG-1, MPEG-2, MPEG-4, WMV-1, WMV-2, DIVX-4, DIVX-5, XVID, VP8, MOTION JPG, LOSSLESS JPG, NTSC DV-VIDEO, PAL DV-VIDEO	AC3, MP2, MP3, PCM_s16le, DTS
*.ts	H.264, MPEG-1, MPEG-2, MPEG-4	AAC, AC3, MP2, MP3, PCM_s16le
*.dv	NTSC DV-VIDEO, PAL DV-VIDEO	PCM_s16le
*.wmv	WMV-1, WMV-2, MSMPEG4, MSMPEG4v2	AAC, WMA-1, WMA-2
*.mkv	H.263p, H.264, H.265, MPEG-4, VP8, VP9, MOTION JPG, LOSSLESS JPG	AAC, AC3, MP2, MP3, PCM_s16le, DTS, OPUS
*.flv	FLV, H.264	AAC, MP3, PCM_s16le
*.ogv	THEORA	OPUS, VORBIS
*.webm	VP8, VP9	OPUS, VORBIS

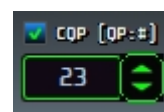
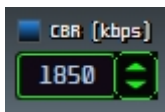
- ✓ Option AV-S FPS/HZ : Speed Up/Slow Down the Video as if Altering FPS, The Filter Change

Duration.

- ❖ Synchronization with the Same Audio Length.
- ❖ Copy Audio from Input to Output.
- ❖ Without Audio (Muting) Video Only.



- ✓ Index of Control and Video Quality In Output Expressed in :
 - ❖ Constant Bitrate (CBR)
 - ❖ Variable Bitrate (VBR)
 - ❖ Constant Rate Factor (CRF)
 - ❖ Constant QP (CQP)



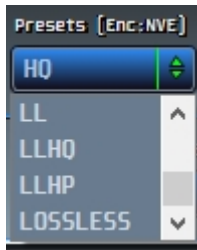
- ✓ Encoding Speed Options Based on the Compression Ratio with Presets :
 - *Only Codec (H.264-H.265)
 - ❖ ultrafast
 - ❖ superfast
 - ❖ veryfast
 - ❖ faster
 - ❖ fast
 - ❖ medium
 - ❖ slow
 - ❖ slower
 - ❖ veryslow
 - ❖ placebo



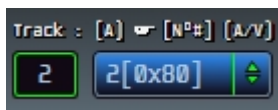
- ✓ Encoding Presets : H.264 (AMD)



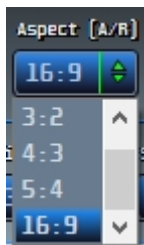
- ✓ Encoding Presets : H.265 (NVE)



- ✓ Auto-Detection of the Audio DVD Track, with Playback Window Video Preview Activated, By Pressing the "A" Button You Change The Audio Track, or Manually Selectable From Command Interface.
- *The Audio Track Selected will be Converted to Output.



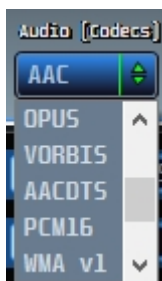
- ✓ Selection Option (Aspect / Ratio).
- * Video Output Conversions and Playback Aspect Ratio Preview.



- ✓ Option of Editing Volume Level With Range : (-25db / +25db) § (Scale +/- 1).
- * Video Output Conversions and Playback Volume Preview.

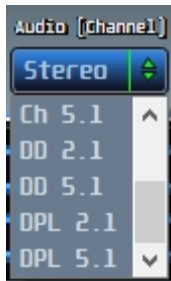


- ✓ 11) Choice of Audio Codecs for Output Conversion.
- ❖ Copy Codec : Audio Input In Output.
- ❖ Muting : No Audio Output.

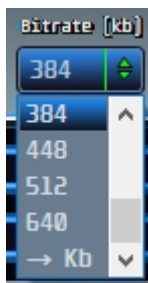


- ✓ Choice of Audio Channels.
- *Audio/Video Encoding In Output.
- ❖ mono
- ❖ stereo
- ❖ channels 2.1

- ❖ channels 4.0
- ❖ channels 5.1
- ❖ Dolby Digital 2.1
- ❖ Dolby Digital 5.1
- ❖ Dolby Pro Logic 2.1
- ❖ Dolby Pro Logic 5.1



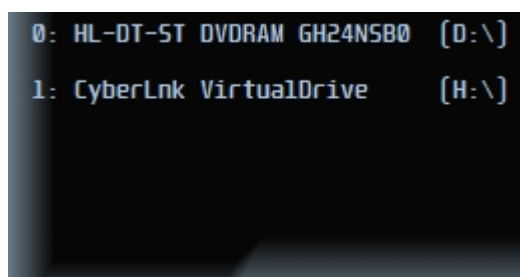
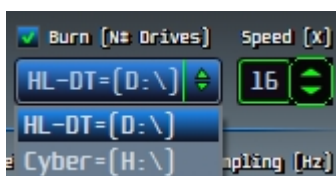
- ✓ Choice of Audio (Bitrate) in Kbit/s + Manual Entry of Value.



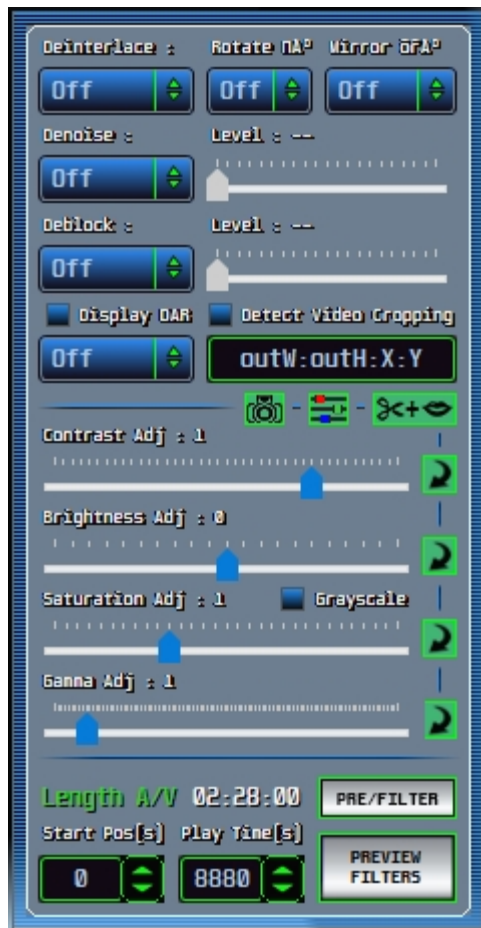
- ✓ Choice of Audio (Sampling Rate) in Hz + Manual Entry of Value.



- ✓ Converting All Video Formats In DVD Version : Backup Option *.ISO and/or Direct Burning to DVD Formats.
- ❖ Self-Detection of Physical and Virtual Optical Units.
- ❖ Burning Speed : (2x, 4x, 8x, 10x, 12x, 16x, 18x, 20x, 22x, 24x)

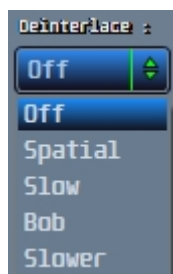


✓ Optional Video Filters :



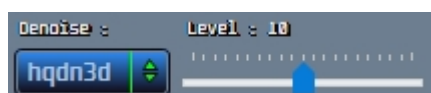
✓ Deinterlace Video :

- ❖ Off
- ❖ Spatial
- ❖ Slow
- ❖ Bob
- ❖ Slower



✓ Denoise Video :

- ❖ hqdn3d Filter (Range 0-20 & Scale +/- 1).



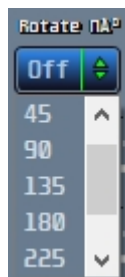
- ✓ NLMeans (Non-Local Means) Filter. (Range: H=1/30, R=0/99, T=0/99) § (Scale +/- 1).
- ❖ *h* - averaging weight decay parameter (larger values give smoother videos).
- ❖ *range* - spatial search range (default=3), should be odd number.
- ❖ *temporal* - number of frames to include into search (default=2).



- ✓ Deblock video :
- ❖ Deblock Filter (Range 0-20 § Scale +/- 1).



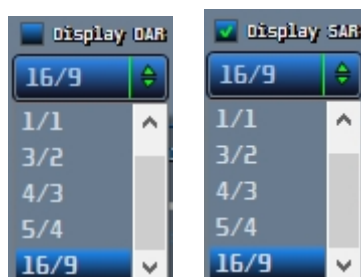
- ✓ Video Rotation (Not Scale or Edit Video Resolution) : Range Expressed in Degrees (45°, 90°, 135°, 180°, 225°, 270°, 315°).



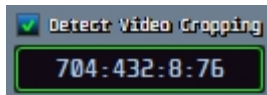
- ✓ Video Rotation & Flip Video Horizontal and Vertical (With Edit Resolution and Video Scale) :
Flip-Vert, Flip-Horiz, 90° Counterclockwise + Flip-Vert, 90° Clockwise, 90° Counterclockwise, 90° Clockwise + Flip-Vert.



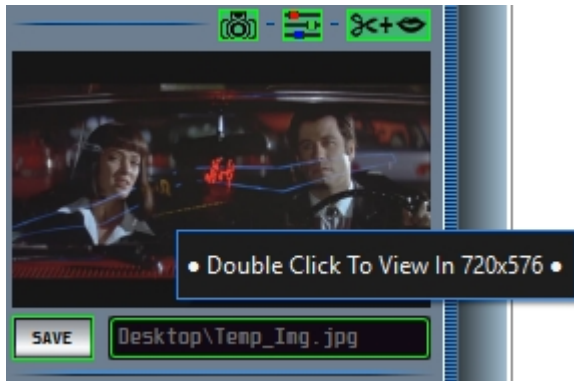
- ✓ Filters : Sample Aspect Ratio (SAR) & Display Aspect Ratio (DAR).



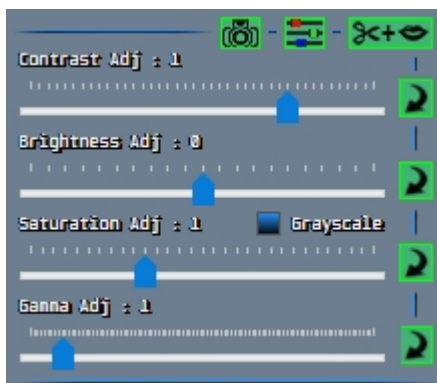
- ✓ Detect Video Cropping Filter (Removing Black Bands has Never Been so Simple).



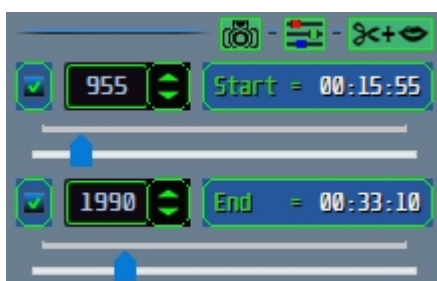
- ✓ Capture and Save Image Directly From the Video Preview in Format (*.jpg) to Preset Video Resolution & Doubleclick for View Direct Image.
- ❖ Unique With System *KSF (Keep Snap Frame) Capture All Frames In Continuous Cicles.
- Nota : *Requires Higher CPU Resource.



- ✓ Video Image Filter :
- ❖ Contrast : Range (-2 / +2) § (Scale 0.1)
- ❖ Brightness : Range (-1 / +1) § (Scale 0.1)
- ❖ Saturation Range (0 / +3) § (Scale 0.1) + Speed Switch (GrayScale)
- ❖ Gamma : Range (0.1 / 10) § (Scale 0.1)

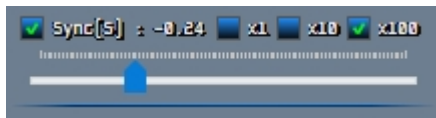


- ✓ Cut Video Parts in Way Simple and Quickly From A-B Points, In Modality of Playback Video Preview or Manual.

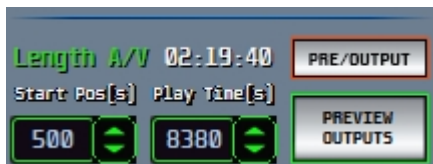


- ✓ Audio/Video Sync Filter for Out-Sync Track Alignment.
- *(Delay Range + N.Value / - N.Value In 3 Options).
- ❖ Opt.Range : (-50 / +50) sec. § (Scale "x1" = 1 sec.)

- ❖ Opt.Range : (-5 / +5) sec. § (Scale "x10" = 0.1 sec.)
- ❖ Opt.Range : (-0.5 / +0.5) sec. § (Scale "x100" = 0.01 sec.)



- ✓ Manual Setting of the Starting Point of the Video Track (For a Fast Search) & Editing Length of Video Track Time.



- Nota 1 : The Video Codecs "h264_nvenc" & "hevc_nvenc" Have Not Been Personally Tested for Correct Encoding Operation.
- Nota 2 : The Posted Beta Version is Under Testing Subject to Modifications and Improvements, Malfunctions in the Executions and Conversions of Final Video Files May Occur.