

# Datasheet elgato **turbo.264** HD

## H.264 Encoder/Accelerator

### The fast and easy way to convert videos to Mac, iPod and iPhone

Turbo.264 HD is the fast and easy way to convert HD camcorder and other video files for Mac, iPod and iPhone. Easily preview, crop, and merge clips into one standard or HD resolution movie. Use Turbo.264 HD with Mac applications such as iMovie®, QuickTime® Pro, and EyeTV® to accelerate H.264 video encoding.

### Features

- Instant access to HD camcorder video
- Converts video incredibly fast to high-quality H.264 files in standard or HD resolutions
- Intuitive and easy to use software enables you to preview, trim video and convert video in one easy step
- Movies are automatically optimized for the selected preset and if applicable added to the iTunes library, ready to sync.
- Create custom video output profiles – suitable for pros as well as novices
- Upload video directly to YouTube®
- Dramatically accelerates video encoding in popular Mac video applications – share an iMovie project in less time and accelerate EyeTV exports
- Convert DVD's that are not copy-protected

### Technical specifications

- Connections
- USB 2.0, bus powered



### Input formats

AVCHD Video, QuickTime, AVI, DV, WMV, MPEG-1, MPEG-2 Program/Transport Stream, MPEG-4, MP4, M4V, H.263, H.264 AVC, Xvid, VIDEO\_TS and many more.

### Output formats

#### Apple TV Video:

Video: H.264 Main Profile, 5 Mbps max., 1280×720 pixels at 24 fps max. or 960×540 pixels at 30 fps max., Audio: AAC-LC, stereo, 160 Kbps, 48 kHz. When exporting to Apple TV format, for sources that contain Dolby Digital™ AC-3 audio, the digital audio will be passed through into the resulting file.

#### iPod High Video:

H.264 Baseline Profile Low-Complexity, 1.5 Mbps max., 640×480 max., 30 fps max. Audio: AAC-LC, stereo, 128 Kbps, 48 kHz. (Note: If the source movie is larger than 640×480 it will be scaled to fit within 640×480 preserving aspect ratio. Resolution is maintained if 640×480 or smaller. Frame rate is maintained when 30 fps and smaller.)

#### iPod Standard Video:

H.264 Baseline Profile (up to Level 1.3), 768 kbps max. 320×240 max., 30 fps max. Audio: AAC-LC, stereo, 128 Kbps, 48 kHz. (Note: If the source movie is larger than 320×240 it will be scaled to fit within 320×240 preserving aspect ratio. Resolution is maintained if 320×240 or smaller. Frame rate is maintained when 30 fps and smaller.)

#### iPhone Video:

H.264 Baseline Profile (up to Level 1.3), 900 kbps max. 480×360 max., 30 fps max. Audio: AAC-LC, stereo, 128 Kbps, 48 kHz. (Note: If the source movie is larger than 480×360 it will be scaled to fit within 480×360 preserving aspect ratio. Resolution is maintained if 480×360 or smaller. Frame rate is maintained when 30 fps and smaller.)

#### Sony PSP Video:

H.264 Main Profile, 1.5 Mbps, 480×270, 30 fps. Audio: AAC-LC, stereo, 128 Kbps, 48 kHz. (Note: A source with 16:9 aspect ratio will produce a 480×270 destination movie while a 4:3 video results in a 362×272 file.)

#### YouTube Video:

H.264 Baseline Profile Low-Complexity, 1.5 Mbps max., 640×480 max., 30 fps max. Audio: AAC-LC, stereo, 128 Kbps, 48 kHz. (Note: If the source movie is larger than 640×480 it will be scaled to fit within 640×480 preserving aspect ratio. Resolution is maintained if 640×480 or smaller. Frame rate is maintained when 30 fps and smaller.)

#### YouTube HD Video:

H.264 Main Profile, 5 Mbps max., 1280×720 max., 30 fps max. Audio: AAC-LC, stereo, 128 Kbps, 48 kHz. (Note: If the source movie is larger than 1280×720 it will be scaled to fit within 1280×720 preserving aspect ratio. Resolution is maintained if 1280×720 or smaller. Frame rate is maintained when 30 fps and smaller.)

#### HD 720p:

Video: H.264 Main Profile, 10 Mbps max., 1280×720 pixels at 30 fps max., Audio: AAC-LC, stereo, 160 Kbps, 48 kHz (Note: If the source movie is larger than 1280×720 it will be scaled to fit within 1280×720 preserving aspect ratio. Resolution is maintained if 1280×720 or smaller. Frame rate is maintained when 30 fps and smaller.)

#### HD 1080p:

Video: H.264 Main Profile, 10 Mbps max., 1920×1080 pixels at 30 fps max., Audio: AAC-LC, stereo, 160 Kbps, 48 kHz

### Dimensions

- Height: 10 mm
- Width: 30 mm
- Depth: 73 mm
- Weight: 18 g

### System requirements

Macintosh computer with Intel Core processor, 512 MB of RAM, built-in USB 2.0 port, Mac OS X 10.5.6 Leopard (or later), QuickTime 7.6 (or later)

### What's in the box?

- Turbo.264 HD video encoder hardware
- Turbo.264 video converter software (CD-ROM)
- USB cable