MAINCONCEPT™

TotalCode Studio

Professional desktop encoding for digital distribution and OTT

TotalCode Studio is an efficient, cost-effective transcoding tool designed to meet the needs of content producers, broadcasters, streamers, CE manufacturers, and more. With ready-to-use presets and advanced encoder settings, TotalCode Studio enables conversion into a variety of formats, including HEVC/H.265, AVC/H.264, and Ultra HD up to 8K, plus distribution via Apple HLS and MPEG-DASH. Many Panasonic and Sony camera presets are also supported.

No matter the device or delivery platform, TotalCode Studio has a solution. It includes powerful features such as watch folder automation, batch list encoding, audio/video filters, and an integrated player, making TotalCode Studio the ideal production tool targeting professional quality and performance.

PACKAGE COMPARISON

CODEC	TOTALCODE STUDIO	BROADCAST PACK [1]	AUDIO PACK [1]
HEVC/H.265	✓		
AVC/H.264	✓		
MPEG-1/2	✓		
MPEG-4 Part 2	✓		
VC-1	✓		
PCM	✓		
MPEG-Audio	✓		
WMA	✓		
AAC	✓		
AVC 10-bit / 4:2.2		✓	
JPEG 2000		✓	
DVCPRO HD		✓	
XAVC		✓	
P2 AVC Ultra		✓	
DTS®			✓
Dolby Digital			✓
Dolby Digital Plus			✓

KEY FEATURES

- Support for popular delivery formats
- Hardware encoding powered by Intel and NVIDIA
- Built-in video and audio processing
- Native ingest for a wide range of codecs & formats
- HDR / SDR Conversion

WHAT'S NEW

- GPU-accelerated HEVC/H.265 encoding modes
- 2-pass HEVC/H.265 encoding
- PQ / HDR-10 to/from HLG HDR conversion
- PQ / HDR-10 and HLG to SDR conversion for non-HDR compliant devices
- Apple HLS Master Playlist generation tool
- MPEG-DASH Manifest file generation tool

[1] Requires TotalCode Studio

SYSTEM REQUIREMENTS

- **Operating Systems:** Windows® 7 Ultimate and Professional SP1, Windows 8.1, Windows 10 x64
- **Minimum System Memory:** 8 GB

SPECIFICATIONS

Available Input Formats

- DirectShow import
- QuickTime import
- MPEG-1/2, MPEG-4 Part 2, VC-1, AVC/H.264 & HEVC/H.265
- DVCPRO
- JPEG 2000
- Apple ProRes
- DNxHD / DNxHR

Available Output Video Formats

- HEVC/H.265
- HEVC/H.265 Intel Quick Sync Video [3]
- HEVC/H.265 NVIDIA NVENC [3]
- AVC/H.264
- AVC/H.264 Intel Quick Sync Video [3]
- MPEG-1/2
- DV / DVCPRO 25/50/100 (HD)
- VC-1
- JPEG 2000
- MPEG-4 Part 2
- RAW/YUV

Available Output Audio Formats

- PCM
- MPEG-1 Audio
- AAC
- WMA
- Raw
- DV
- DTS-HD, DTS Express [2]
- Dolby Digital [2], Dolby Digital Plus [2]

Available Output Muxer Formats

- Elementary Streams
- MPEG-2 Transport / Program Streams
- MP4, 3GP
- ASF
- DV, DIF
- MJ2
- MXF
- RAW

Format, Container & Standard Support:

- ATSC , DVB
- AVC Intra Class 200, 100, and 50 [1]
- AVCHD
- MPEG-DASH (H.264 & H.265)
- Apple HLS AVC, HEVC
- Apple iPhone / iPad
- D10
- DV, DVCPRO 25, 50 and HD (100) [1]
- HDV
- HTML5 (H.264)
- JPEG 2000 DCI 2k and 4k [1]
- MXF (OP1a, Op1b, and OP-Atom) [1]
- Panasonic P2 AVC Ultra & AVC-Intra & DVCPRO [1]
- QuickTime
- Silverlight H.264 and VC-1
- Sony XAVC and XAVC-S [1]
- Sony XDCAM, EX, HD, IMX & DV (DVCAM)
- WAV
- WMV (VC-1 compliant)

[1] Requires TotalCode Studio Broadcast Pack | [2] Requires TotalCode Studio Audio Pack | [3] Requires CPU or GPU support