Kaltura

Supported Transcoding Formats

> **This article is designated for all users.**

About

Kaltura supports a variety of media formats and codecs optimized for transcoding and delivery. While additional codecs and formats are supported, please contact us for details on any specific codec or format not listed here.

Ingest (Input) File Formats and Codecs

Media File Formats:

- MP4, MOV, QT, M4V
- FLV, F4V
- AVI, ASF, WMV, WMA
- MPG, M1V, M2V, MP3
- WAV, MKV, OGG, OGM, OGV
- WEBM, 3GP, RM, ARF, MXF

Video Codecs:

- DivX, DV, H.263, H.264, H.265
- MPEG-4 Visual, MPEG-1/2, MJPG
- Indeo, RV30/40, RMVB
- FLV1/4, VP3/5/6/7/8/9
- Sorenson, Xvid, Theora
- WMV1/2/3, VC1, ProRes 422
- ICOD, DVCPRO, PXLT, TCSS/TCS2
- GoToMeeting Codec (G2M3/4)

Audio Codecs:

- MP3, MP1/2, AC3, EAC3, AAC
- Vorbis, AMR, PCM, WMA7/8/9
- WMSpeech, FLAC, QDM2, RA
- Nellymoser, Cook, GSM, SPEEX

Image Formats:

GIF, JPEG, PNG, BMP, TIF

Document Formats:

Optional if Document module is enabled.

Maximum Video Frame Size:

5000 x 5000

Target (Output) Video and Audio Codecs

Media File Formats:

- MP4, FLV, AVI, 3GP, OGG, MKV
- WMV, WMA, HLS, WEBM, MPEG
- MPEG TS, WAV, M4V, MXF

Video Codecs:

- H.264, H.263, MPEG-4 Visual
- VP8, VP6, FLV1, Theora
- WMV1/2, VC1, MPEG-2
- APCN/S/O/H, DNXHD, DV

Audio Codecs:

- MP3, AAC LC, AAC HE
- Vorbis, WMA/Pro, AMR NB
- MPEG2, AC3, PCM

Delivery-Specific Formats

Kaltura supports various streaming standards and protocols. For more information, see the Video Delivery Settings article.

Supported File Extensions

- flv, asf, qt, mov, mpg, mpeg
- avi, wmv, mp4, m4v, 3gp, vob
- f4v, mkv, mxf, mts, ts, rm
- arf, webm, lxf, m4v

Intermediate-Source Processing

For proprietary formats, Kaltura may use dedicated technology to convert files into an intermediate source (usually MP4/H.264 or WMV) before further processing. Examples

include:

- Webex/ARF: Cisco's WebEx Network Recording Tool
- GoToMeeting Codec: Windows Expression Encoder 4
- QuickTime Video (QT): Mac machines

Note on File Type Restrictions

If the "Enable file type restriction" configuration is on (usually by default), not all file types listed will be uploaded and will return an error. This restriction can be disabled by your Kaltura Customer Care Team.

For further details or inquiries about specific codecs or formats, please contact us.

[template("cat-subscribe")]