

Video Options

-b <i>x</i>	Set video bitrate bit/s
-vframes <i>x</i>	Num. of video frames
-r <i>x</i>	Set frame rate (FPS)
-s <i>x</i>	Set frame resolution
-aspect <i>x</i>	Set aspect ratio
-croptop <i>x</i>	Top crop band in pixels
-cropbottom <i>x</i>	Bottom crop band size
-cropleft <i>x</i>	Left crop band size
-cropright <i>x</i>	Right crop band size
-padtop <i>x</i>	Top pad band in pixels
-padbottom <i>x</i>	Bottom crop band size
-padleft <i>x</i>	Left crop band size
-padright <i>x</i>	Right pad band size
-padcolor <i>hex</i>	Color of pad bands
-vn	Disable video recording
-bt <i>x</i>	Bitrate tolerance in bits
-maxrate <i>x</i>	Max video bitrate (bit/s)
-minrate <i>x</i>	Min video bitrate (bit/s)
-bufsize <i>x</i>	Video buffer size in bits
-vcodec <i>x</i>	Force video codec
-sameq	Use same qlty. as src.
-pass <i>n</i>	Select the pass num.
-passlogfile <i>x</i>	Set two-pass log prefix
-newvideo	Add new video stream
-vlang <i>x</i>	Set language ISO code

Audio/Video Grab Options

-vc <i>x</i>	Video grab channel
-tvstd <i>x</i>	Television standard
-isync	Sync. read on input

Main Options

-f <i>x</i>	<i>Force format</i>
-i <i>file</i>	<i>Input file name</i>
-y	Overwrite files
-t <i>x</i>	Duration in sec.
-fs <i>x</i>	File size limit
-ss <i>x</i>	Seek to seconds
-itsoffset <i>x</i>	Offset time in sec.
-timestamp <i>x</i>	Set the timestamp
-metadata <i>k=v</i>	Set a key/val pair
-v <i>x</i>	Set logging level
-target <i>x</i>	Target file type
-dframes <i>x</i>	Num. of frames
-scodec <i>x</i>	Force subtitle codec
-newsubtitle	Add a subtitle stream
-slang <i>x</i>	Set subtitle ISO code

Audio Options

-aframes <i>x</i>	Num. of audio frames
-ar <i>x</i>	Audio sampling freq.
-ab <i>x</i>	Audio bitrate in bit/s
-aq <i>x</i>	Audio quality
-ac <i>x</i>	Num. of audio channels
-an	Disable audio recording
-acodec <i>x</i>	Force audio codec
-newaudio	Add new audio track
-alang <i>x</i>	Set the lang. ISO code

Advanced Options

-threads <i>x</i>	Number of threads
-vsync <i>x</i>	Video sync method
-async <i>x</i>	Audio sync method

Formats

hh:mm:ss	Time
hh:mm:ss.x	Time w/ micro
100k	bit/s
30	Seconds
3	Integer

Common Frame Resolutions

160x120	qqvga
320x240	qvga
352x288	cif
640x480	vga
800x600	svga
1024x768	xga
852x480	hd480
1280x720	hd720
1920x1080	hd1080

Common Aspect Ratios

4:3	Four by three
16:9	Sixteen by nine
1.7777	Decimal (16:9)

Generic Options

-L	Show license
-h	Show help
-version	Show version
-formats	Show available formats
-codecs	Show available codecs
-bsfs	Show avl. bitstream fltr.
-protocols	Show avl. protocols
-pix_fmts	Show avl. pixel fmts.
-loglevel <i>x</i>	Set the logging level

Examples

Cut video	<code>ffmpeg -sameq -ss 25 -t 30 -i /tmp/input.mpg /tmp/cut.mpg</code>
Video and audio grabbing	<code>ffmpeg -f oss -i /dev/dsp -f video4linux2 -i /dev/video0 /tmp/out.mpg</code>
Video and audio conversion	<code>ffmpeg -i /tmp/test%d.Y /tmp/out.mpg</code>
Multiple input files	<code>ffmpeg -i /tmp/a.wav -s 640x480 -i /tmp/a.yuv /tmp/a.mpg</code>
Rip VOB to DVD	<code>ffmpeg -i /cdrom/VIDEO_TS/VIDEO_TS_01_1.VOB -target dv /tmp/video.dv</code>
Rip VOB to Flash (FLV)	<code>ffmpeg -i myfile.vob -s 352x240 myfile.flv</code>