

Info kring videoformat vid uppladdning till Search9

Några grundregler.

Utgångspunkten är att alltid ladda upp sitt färdiga videoklipp i så bra kvalitet som möjligt. Detta uppnår man genom att förändra sitt material så lite som möjligt under hela produktionsprocessen.

Filma

En regel är därför att utgå ifrån det format som ens kamera använder när den filmar. Om det finns kvalitetsinställningar på kameran, sträva alltid efter att använda högsta kvalitet. Om du har HD-kamera - använd HD-läge och kvalitet 1080x1920 p (progressivt)

Import - redigering

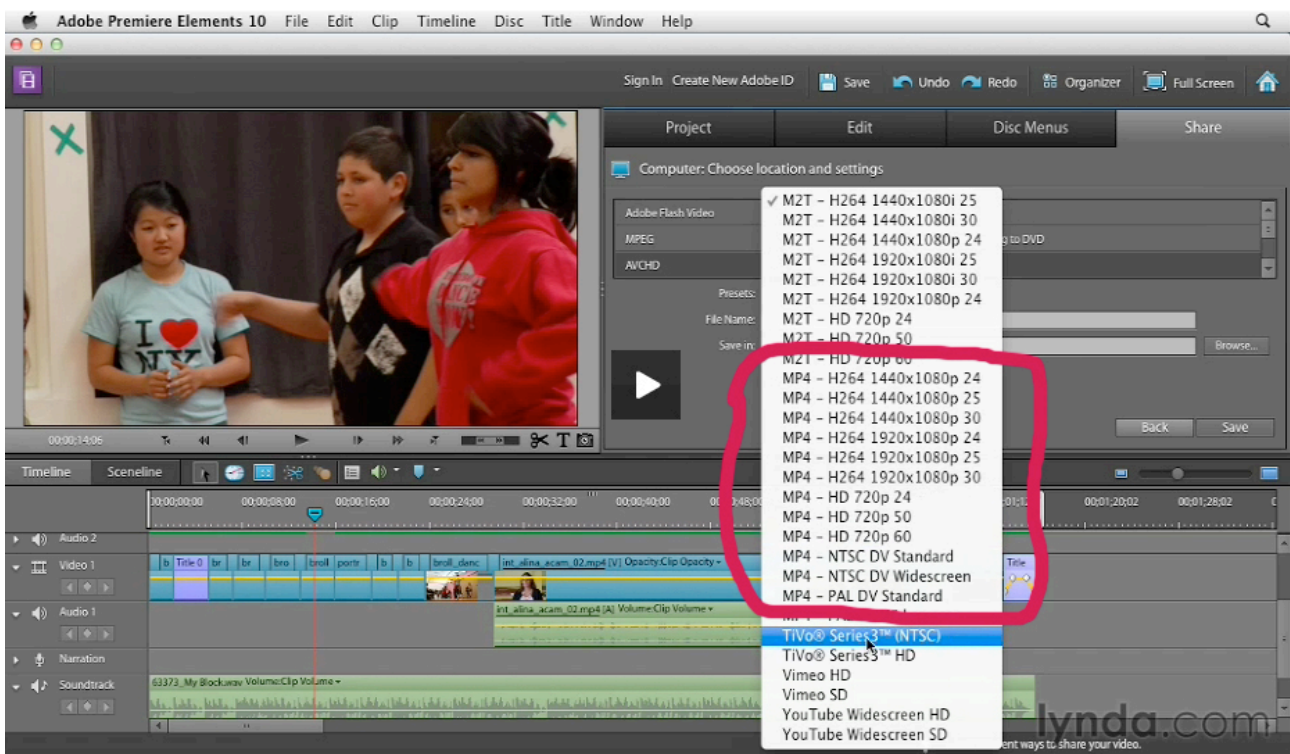
Vid import kameran till redigeringsprogrammet ser man till att använda kameran format och att inte konvertera till annat format. redigera sedan i detta (oförändrade) videoformat. (Av olika anledningar är detta inte alltid möjligt men eftersträvansvärt om det går.)

Export

När redigeringen är klar - exporterera en "master" i samma filformat som du använt hittills. den kan bli stor men håller hög kvalitet.

NU - (vid behov) konvertera till rekommenderat format.

OBS! Att använda högsta videokvalitet under redigering och att inte konvertera ned sitt material kan vara omöjligt. Om det går eller inte beror på vilket format kameran använder och vilken kapacitet ens dator/programvara har.



Rekommenderat Format

Rekommenderat format är MP4 (mpeg4) i kombination med kodeken H.264. Ovan ett exempel från redigeringsprogrammet Adobe Premiere Elements.

Info från Serach 9

Supported video formats

Screen9's video platform accepts almost any major video format but there are a few exceptions. When talking about video formats there are three different factors to keep in mind: the video codec, the audio codec and the container format.

The container format is just what the name suggests, a description of how data is stored in the file. Common container formats are: mpg, avi, mov, mkv, mp4. Screen9 supports all leading container formats.

The video and audio codecs are the algorithms used to encode and decode the actual video and audio data. Common video codecs are mpeg2, mpeg4, H.264, wmv. Common audio codecs are MP3, AAC, WMA. Screen9 supports all major video and audio codecs with the exception of the list below.

Unsupported video codecs

Real Video 3.0

Real Video 4.0

Apple ProRes 4444

Apple Intermediate Codec (icod)

Microsoft Screen Capture

Interlaced WVC1 (Windows Media Video 9 Advanced Profile)

Unsupported audio codecs

Windows Media Audio Lossless

AAC Low Delay (AAC-LD)

Only mono or stereo audio tracks

The audio track can only be mono or stereo, multichannel audio such as for example 5+1 surround is not supported. **Bitrate and resolution**

The general recommendation is to use as high a resolution as possible (but never higher than the quality of your source video). The bitrate should at least be high enough to provide good quality for the selected resolution which means that if you have a very high resolution video you need to be selecting a higher bitrate. The below table gives a bitrate recommendation for different resolutions (16:9 and 4:3 aspect ratios both listed). Note that the recommendations are based on using the H.264 video codec which is a high quality codec. If you use a lower quality codec you will probably have to use a higher bitrate to get good results.

Quality	Bitrate (mbit/sec)	Resolution (16:9)	Resolution (4:3)
Very low	1	512x288	400x300
Low	1.5	640x360	480x360
Medium	2	852x480	640x480
High	3	1024x576	800x600
Very high	5	1280x720	1024x768
Full HD	10	1920x1080	N/A

Very long videos

If your videos are very long, using a high bitrate will produce very large files. The max file size of **uploads is 25GB** which still gets you over 5 hours of full HD video (using the recommendation chart above) but the file size can make it hard to manage. You may want to consider [uploading with FTP](#) if you are not doing that already.

Prefer progressive over interlaced

For new recordings published on-line, we suggest filming with cameras in progressive scan mode (not interlace) since interlace is designed for older TV sets. If your content is only available in interlaced form then that will work too. Screen9 automatically detects and corrects interlaced video but the quality may suffer slightly.

Recommended output format from Adobe Premiere

Screen9 recommends that you upload videos in whichever source format that you are using for recording and editing. If that is not possible (due to too large size for transfer or an unsupported format) we generally recommend that you code your videos with the following settings:

H.264 / MPEG-4 Part 10 / AVC video codec, High profile, Level 5.1, max 30 fps
AAC audio codec, Main profile, Stereo, max 48kHz

Bitrates and maximum resolution used should be set to something marginally higher (+20%) than the highest profile that your Screen9 account has been configured with (for example 1024 x 576, 256 kbps audio). This can be seen in Account Console under Settings -> Upload -> Default Upload Quality -> Resolution, Bitrate. Please note that it is not recommended to up-scale (increase the resolution of) the video.