



The Oxygen Media Platform

Supported Video File Formats

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Supported Video Container- and Codecs

The Oxygen Media Platform supports a variety of videocodecs. The following video container/-codecs are natively supported:

Container: WMV (Windows Media Video)

Videocodec(s): Windows Media Video 7, Windows Media Video 8, Windows Media Video 9

Container: MOV (QuickTime)

Videocodec(s): H.264, MPEG-4 Video

Container: MPG, MPEG (Moving Picture Experts Group)

Videocodec(s): MPEG-1 Video

Container: SWF (Shockwave Flash)

Videocodec(s): H.264, Sorensen, VP6

For encoding video material we recommend a maximum bit rate of 10.000 kbit/s (constant), depending on the performance of the Oxygen Station.

You can install more video codecs locally on your Oxygen Station, these codecs are not officially supported by Oxygen Media Platform.

Recommended Encoding Settings

We recommend the Windows Media Video 9 Codec (WMV-Container).

PAL (Phase Alternating Line)

Resolution: 768 x 576 (Aspect ratio 4:3), 1024 x 576 (Aspect ratio 16:9)

Bit rate: 4.000 kbit/s (constant)

Pixel aspect ratio: Square

720p (High Definition)

Resolution: 1280 x 720 (Aspect ratio 16:9)

Bit rate: 7.000 kbit/s (constant)

Pixel aspect ratio: Square

1080p (High Definition)

Resolution: 1920 x 1080 (Aspect ratio 16:9)

Bit rate: 10.000 kbit/s (constant)

Pixel aspect ratio: Square