

Optimal default settings

for video files for digital signage equipment

Basically our digital signage units are designed for a good video reproduction. In order to achieve the best possible reproduction quality of your videos (stutter-free, without dot failures and in good quality) we recommend the following default settings for your video files:

- Optimale Video Format:** MP4-File, M4V-File, WMV-File. All other types are also possible but might cause extra cost for the file compression. Please refer to our “Software recommendation for the compression of video files”.
- Optimale Compressor:** H.264
- Optimal Resolution:** 1080 x 1920 dots (portrait format), 1920 x 1080 dots (landscape format), 720 x 1280 dots (portrait format), 1280 x 720 dots (landscape format). Basically all formats are possible, but should always be discussed beforehand. Higher resolutions (2k, 4k videos) have to be compressed.
- Optimal Aspect Ratio:** 16:9 and/or 9:16 format. In order to prevent any errors, all other formats should be discussed beforehand.
- Optimal Frame Rate:** 25fps, 24fps(23,998), 30fps(29,997), 50fps
Usually, the Windows Media Player handles all frame rates without any problem. Each player should possess the latest video driver updates.

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- Optimal Bit Rate:** 15 000 Kbit/s (15 MBit/s)
Due to the monitor size, any lower bit rate is not advisable. The minimum bit rate requirement should be set at 10 000 Kbit/s (10MBit/s).
- Field Frequency Dominance:** upper field first or progressive
lower field first is not recommended
- Audio Rate:** 44,1 KHz (CD quality) or 48 KHz. Both formats with at least 192 kbps