

Video Compression Settings in FalCon eXtra FAQ

The **ISO standard 13499** and the German Working Group “Image Processing for Safety Tests” recommend – as a result of visual and metrology-related evaluations – the **X264 compressor** (= encoder) and the following settings to create AVI videos.

Note:

Use only the released version listed below. Newer updates of the Open Source software project can differ in functionality or parameters!

X264

Standard for the 32 bit version of **FalCon eXtra**:

- Setup file: [x264vfw_20_1195bm_19501.exe](#) (32 Bit)
- Version: Revision 1195, July 29 2009, 10:35:33 (720.691 Bytes)
libx264 core 68 r1195bm 5d75a96
- Display name: x264vfw - H.264/MPEG-4 codec
- GNU GPL License


Alternative for the 64 bit version of **FalCon eXtra**:

- Setup file: [x264vfw64_20_1195bm_19501.exe](#) (64 Bit)
- Version: Revision 1195, July 29 2009, 10:36:47 (704.425 Bytes)

Settings

- **Load Defaults** ≡ basic settings
- Tab **Main**

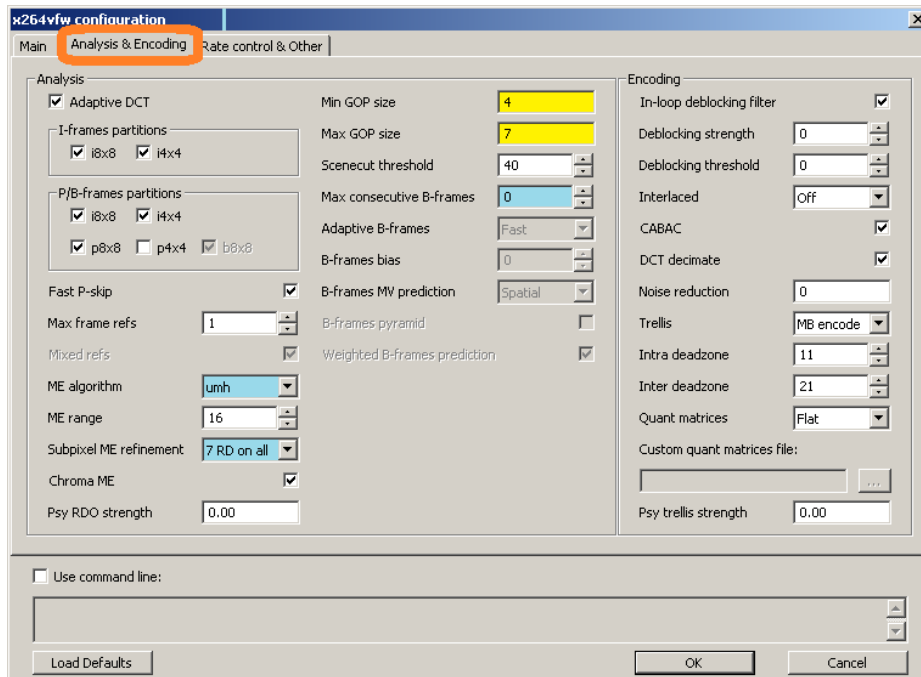
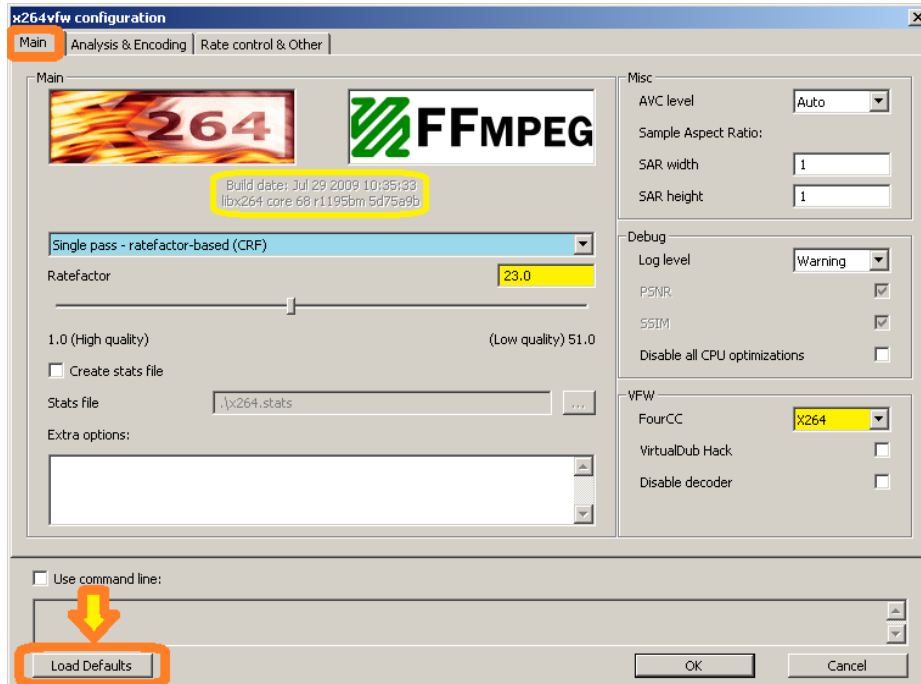
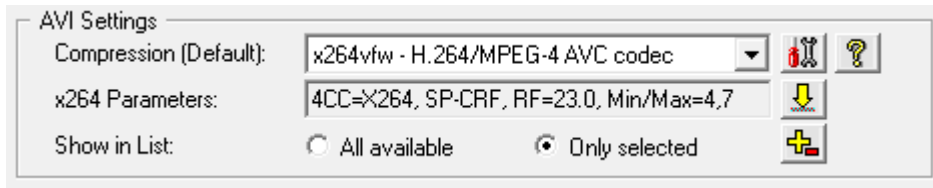
Ratefactor:	23.0	¹
VFW FourCC:	X264	²
- Tab **Analysis & Encoding**

Min GOP size:	4	³
Max GOP size:	7	
- Set the necessary parameters automatically in **FalCon eXtra**.
(see *File / Program Settings / Picture File Parameters* )

¹ Note: smaller values result in higher quality, but lower compression rate.

² Note: 'X' as capital letter.

³ 'GOP size' complies with 'keyframes'.



Note: Do not change these important default settings!