



For the best streaming performance and browser compatibility on an Immich server, encode your DJI files using **H.264 video (8-bit), AAC audio, and an MP4 container with the Web**

Optimized (FastStart) box checked. [\[1\]](#)

Recommended Handbrake Settings

Format: MP4

Web Optimized: Checked (Crucial for streaming so playback starts immediately without downloading the whole file)

Video Codec: H.264 (x264)

Framerate: Same as source (Peak framerate)

Quality: Constant Quality (RF) 20 to 22 (Lower RF means higher quality; 22 is a great sweet spot for drone footage balance)

Audio Codec: AAC (Mixdown: Stereo, Bitrate: 160 or 192) [\[1\]](#), [\[2\]](#)

Why This Option Works Best for Immich

Maximum Compatibility: H.264 plays natively on virtually all web browsers, mobile apps (iOS/Android), and casting devices without forcing your Immich server to spend CPU/GPU resources on-the-fly transcoding. [\[1\]](#), [\[2\]](#)

No Stuttering: DJI files often record at very high bitrates (60–100+ Mbps) in H.265/H.264 inside heavy .MOV containers, which choke remote or mobile web streams. Compressing and enabling "FastStart" allows smooth progressive loading.

Preserves Originals: Immich will store your optimized file for lightning-fast web playback while keeping your storage workflow efficient. [\[1\]](#)

If you want to fine-tune this, let me know:

- What **resolution and framerate** are your original DJI files (e.g., 4K at 60fps)?
- Are you trying to **save space** or retain **absolute maximum visual fidelity**?

Revision #1

Created 2026-07-30 16:21:47 UTC by meson

Updated 2026-07-30 16:22:09 UTC by meson