Studio HD31

Entry-level live production switcher

With three HD-SDI / HDMI inputs, all the Studio Software features* and a high performance system, Studio HD31 provides everything you need for a multi-camera live production.

Learn more at livestream.com/studio/hd31

Core Features

3x SDI / HDMI input
Up to 2 screens (not included)
10 Remote camera tracks
2 Media tracks
3 GFX tracks
40 hours of broadcast quality recording
Analog audio in
Front-panel USB / headphone
Stream in HD

Plus all the features of Livestream Studio*

Learn more at livestream.com/studio
### Graphics
- **Downstream Key**: 3 x Graphics DSK (downstream key) channels. One channel for GFX1, one channel for GFX2, one channel for GFX3. Independent or locked transition controls (fade/cut). Preview on multiview.
- **Graphics & Titling**: Load JPG or PNG files (full transparency support with PNG files). Add text (set position/font/size/color) over any loaded image file within the GFX1 or GFX2 or GFX3.

### Video clip Playback

### Recording
- Up to 4 simultaneous isolated source recordings. MJPEG with uncompressed audio. Interlacing and timecode support. Full compatibility with Blackmagic Design Media Express and Adobe Premiere.
- **Recording Capacity**: ~40 hours at 1080i (Using 2 TB built-in Hard Drive with recorder set to record at 100Mbps MJPEG AVI)

### Live Streaming
- HD Streaming. Integrated live streaming to Livestream or any other RTMP compatible service including Ustream, YouTube Live, Akamai, Wowza Media Server.

### Audio Mixing
- Integrated multi-channel audio mixer for internal and external audio sources, outputs, stream and headphones. Incorporated video switcher follow feature with audio crossfade support when fading two video sources.

### Supported Formats
- HD: 720p50, 720p59.94, 720p60, 1080PsF23.98, 1080p23.98, 1080PsF24, 1080p24, 1080PsF25, 1080p25, 1080PsF29.97, 1080p29.97, 1080PsF30, 1080p30, 1080PsF50.59.94 and 1080p60SD: 625/25 PAL, 525/29.97 NTSC

### Playback Media Formats
- GFX: JPEG or PNG image files with transparency support.
- DDR: AVI MJPEG with uncompressed audio, DV Video, WMV (7/8/9), H.264 (.mov &.avi), MPEG4 Part 2 (.mov & .avi), MPEG4 V1/V2 (.mov & .avi), AAC, MP3

### Record Media Formats
- AVI MJPEG with uncompressed audio

### Operating System
- Windows 7 Professional (64 bit) or better

### CPU
- Intel Core i7-4790K Haswell Quad-Core 4.0GHz

### Graphics Card
- On Board Graphics

### Storage
- 2TB WD BLACK SERIES WD 2003FZEX 7200 RPM/ SATA 2.5” Internal Hard Drive

### RAM
- G.Skill Trident X Series 16GB (2 x 8GB) 240-Pin DDR3 SDRAM

### Processing
- Video: 4:2:2, 10 bit Color (REC 601, REC 709) Audio: 48 kHz, 24-bit REF IN/Genlock (Requires genlocking the two Blackmagic Design cards via two separate connectors)

### Built-in Video Input/Output Cards
- 3 Blackmagic Design DeckLink Mini Recorders (PCI), 1 Blackmagic Design DeckLink Mini Monitor (PCI)

### Included in the box

### Physical Dimensions
- 13.7” (D) x 19” (W) x 3.5” (H) ~13.8 lbs

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* Specifications are subject to change. For complete technical specifications, please visit livestream.com/studio.

Pricing and availability may vary. Please contact your local reseller for details.

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