HyperDeck Extreme 8K HDR

8K broadcast deck with the trusted reliability of HyperDeck combined with advanced H.265 recording, internal cache, 3D LUTs, native 8K and HDR support. Large touch screen to view your recording with dedicated buttons for play, stop and record, plus a mini timeline for scrolling through your recordings. You can even image swipe to jog! The LCD includes a heads up display of timecode, video standard, media status and audio meters and more!

$4,995

Connections

SDI Video Inputs
4

SDI Video Outputs
5 (12G-SDI A,B,C,D and 3G-SDI Monitor Out)

SDI Rates
270Mb, 1.5G, 3G, 6G, 12G.

HDMI 2.0 Video Inputs
1

HDMI 2.0 Video Outputs
1

Analog Video Inputs
1 x Component YUV on 3 BNCs, 1 x Composite NTSC/PAL on 1 BNC.

Analog Audio Inputs
4 Channels of professional balanced analog audio via XLR connectors and 2 channels of consumer unbalanced via RCA connectors.

Built in Speaker
Mono

Screen
7 inch 1920 x 1200. 2000 nit DCI-P3 100% HDR LCD

Timecode Connections
1 x XLR in and 1 x XLR out.

Reference Input
Tri-Sync or Black Burst.

SDI Audio Inputs
16 channels embedded audio.

SDI Audio Outputs
16 channels embedded audio.

HDMI Audio Inputs
8 channels embedded audio.

HDMI Audio Outputs
8 channels embedded audio.

Remote Control
1 x RS-422 In, 1 x RS-422 Out.

Recorder Configuration
Via user interface or Blackmagic HyperDeck Ethernet Protocol.

Ethernet
10Gb/s

External Recording
1 x USB-C 3.1 Gen 2 (up to 10Gb/s) for external disk recording.

Computer Interface
1 x USB-C for software updates.
Standards

SD Video Standards
525i59.94 NTSC, 625i50 PAL

HD Video Standards
720p50, 720p59.94, 720p60
1080i50, 1080i59.94, 1080i60
1080p23.98, 1080p24, 1080p25,
1080p29.97, 1080p30, 1080p50,
1080p59.94, 1080p60
1080PsF23.98, 1080PsF24,
1080PsF25, 1080PsF29.97, 1080PsF30

2K DCI Video Standards
1080p23.98 DCI, 1080p24 DCI,
1080p25 DCI
1080PsF23.98 DCI, 1080PsF24 DCI,
1080PsF25 DCI

Ultra HD Video Standards
2160p23.98, 2160p24, 2160p25,
2160p29.97, 2160p30, 2160p50,
2160p59.94, 2160p60
4K DCI Video Standards
2160p23.98 DCI, 2160p24 DCI, 2160p25 DCI

8K Video Standards
4320p23.98, 4320p24, 4320p25, 4320p29.97, 4320p30, 4320p50, 4320p59.94, 4320p60

8K DCI Video Standards
4320p23.98 DCI, 4320p24 DCI, 4320p25 DCI

SDI Compliance

SDI Metadata Support
HD RP188 and closed captioning CEA-708. HDR Metadata supported on SDI.

Audio Sampling
Television standard 24-bit, 48 kHz sample rate.

Video Sampling
4:2:2 YUV

Color Precision
10-bit

Color Space
REC 601, REC 709, REC 2020. 33 point 3D LUTS can be applied via the LUTS menu tab.

Multi Rate Support
Auto detection of SD, HD, 6G-SDI, 12G-SDI, 2SI Quad Link 12G-SDI.

Copy Protection
HDMI input is unable to capture from copy protected HDMI sources. Always confirm copyright ownership before capture or distribution of content.

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Media

Cache Recording
Slot for optional M.2 PCIe NVMe card for cache recording up to 16Gb/s. 60mm 80mm and 110mm supported.

Media
2 x CFast 2.0 card slots and 1 x USB-C 3.1 Gen 2 expansion port for external recording of SD, HD, Ultra HD and 8K. Please refer to either the Manual or the Information Note at www.blackmagicdesign.com/support for compatible media.

Media Type
CFast card and external USB-C flash drives.

Media Format
Can format media to ExFAT (Windows/Mac) or HFS+ (Mac) file systems.

Supported Codecs

Video Codecs
ProRes HQ QuickTime, ProRes 422 QuickTime, ProRes LT QuickTime, ProRes Proxy QuickTime for all formats up to 4320p60. Playback only of ProRes 4444 QuickTime up to 2160p60 with auto routing of fill and key over SDI A and B outputs. DNxHD 220x, DNxHD 220x MXF, DNxHD 145, DNxHD 145 MXF, DNxHD 45, DNxHD 45 MXF for 720p and 1080p HD formats up to 60fps. DNxHR HQX, DNxHR HQX MXF, DNxHR SQ, DNxHR SQ MXF, DNxHR LB, DNxHR LB MXF for 2K DCI and 2160p formats up to 60fps. H.265 Medium 4:2:0 10-bit, H.265 Low 4:2:0 10-bit for all 2160p formats up to 60 fps. H.264 SDI 4:2:2 10-bit, H.264 High 4:2:0 8-bit, H.264 Medium 4:2:0 8-bit, H.264 Low 4:2:0 8-bit for all formats up to 1080p60.

Audio Codecs
AAC 2 Channels.
PCM 2, 4, 8, 16, 32 or 64 Channels.
### Scopes

**Scopes**
Waveform, RGB Parade, Vector and Histogram scopes in broadcast quality 10-bit.

### Viewing Modes
Picture in picture, picture overlay with opacity control. Waveform and RGB parade with standard and HDR graticules and Vector with zoom.

### Computer Capture
None

### Control

**Built in Control Panel**
Integrated capacitive touchscreen LCD with onscreen controls for settings and navigating menus.

**External Control**
RS-422 deck control, SDI start/stop, timecode run. Includes Blackmagic HyperDeck Ethernet Protocol.

### Software

**Software Included**
Blackmagic OS
Blackmagic HyperDeck Setup

**Internal Software Upgrade**
Loaded at system start, or via Blackmagic HyperDeck Setup using USB port.

### Operating Systems

- **Mac** 11.1 Big Sur, Mac 12.0 Monterey or later.
- **Windows** 10 and 11.

### Displays
Built in LCD for video, audio and timecode monitoring and menu settings.
Power Requirements

**Power Supply**
1 x Internal 100 - 240V AC.
1 x 4 pin XLR 12V DC IN for external power or battery use.

**Power Usage**
190W max.

Accessories

**Optional Accessories**
HyperDeck Extreme Control
HyperDeck Extreme Rack Kit

Physical Installation

3 rack units height, half rack width.

Physical Specifications

![Physical specifications image]

Environmental Specifications

**Operating Temperature**
0° to 40° C (32° to 104° F)

**Storage Temperature**
-20° to 60° C (-4° to 140° F)

**Relative Humidity**
0% to 90% non-condensing
What's Included

HyperDeck Extreme 8K HDR
Welcome wallet with QR code for software download

Warranty

12 Month Limited Manufacturer's Warranty.

Blackmagic Design Authorized Reseller