

# 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!

**A\$8,465**

## 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 Video Outputs

None

### 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

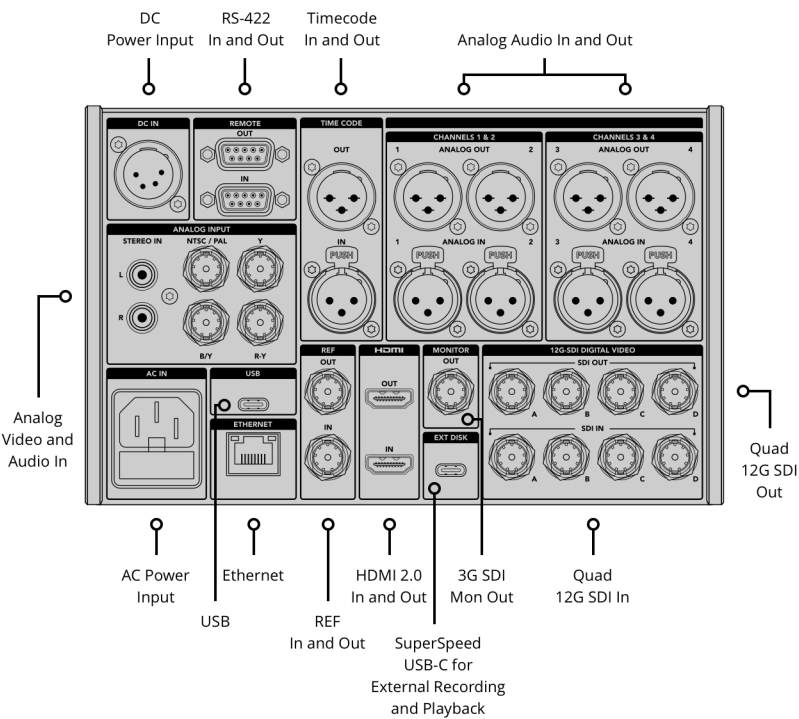
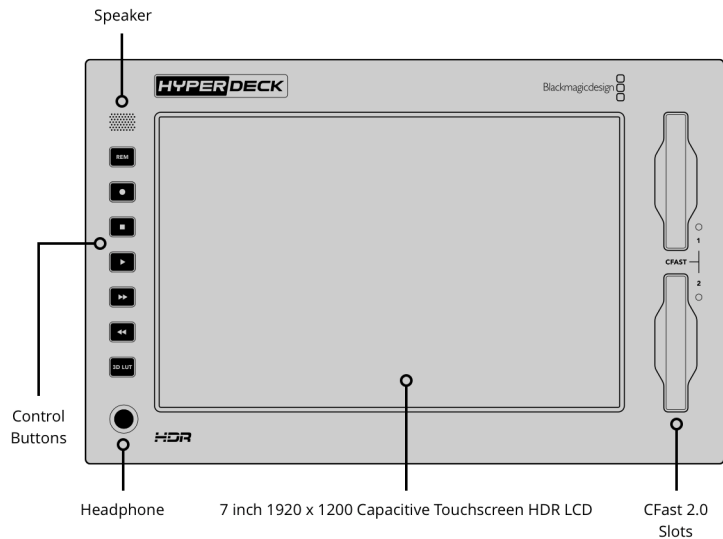
10Gb/s

### 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

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**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**

SMPTE 259M, SMPTE 292M,  
SMPTE 296M, SMPTE 372M,  
SMPTE 424M, SMPTE 425M Level A  
and B, SMPTE 2081-1,  
SMPTE 2081-10, SMPTE 2082-1,  
SMPTE 2082-10 and SMPTE 2084.

**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/](http://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.

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**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.

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## 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.

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## Computer Capture

None

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## 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.

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## Software

### Software Included

Blackmagic OS  
Blackmagic HyperDeck Setup

### Internal Software Upgrade

Loaded at system start, or via Blackmagic HyperDeck Setup using USB port.

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## Operating Systems



Mac 11.1 Big Sur,  
Mac 12.0 Monterey or later.



Windows 10 and 11.

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## Displays

Built in LCD for video, audio and timecode monitoring and menu settings.

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## 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.

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## Accessories

### Optional Accessories

HyperDeck Extreme Control  
HyperDeck Extreme Rack Kit

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## Physical Installation

3 rack units height, half rack width.

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## Physical Specifications



## 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

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## What's Included

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

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## Warranty

12 Month Limited  
Manufacturer's Warranty.

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