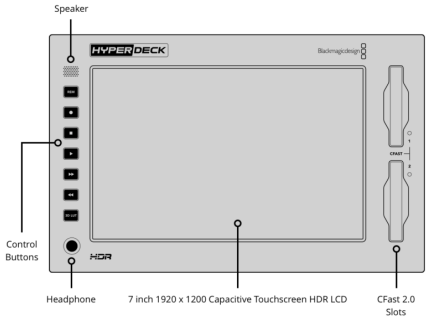
HYPERDECK EXTREME 8K HDR

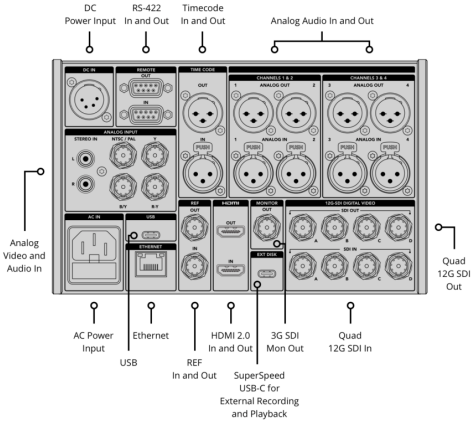
8K broadcast deck with the trusted reliability of HyperDeck combined with advanced H.265 recording, internal cache, 3D LUTs, native 8K and HDR support. Large touch screen to view your recording with dedicated buttons for play, stop and record, plus a mini timeline for scrolling through your recordings. 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!



Cena:

Kategorie: Video, Produkcja, Rejestratory Video, Broadcast, Rejestratory Video





GALLERY IMAGES



OPIS

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

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.

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 click here for a summary of 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

ProRes HQ QuickTime, ProRes 422 QuickTime, ProRes LT QuickTime for all formats up to 4320p60. H.265 High, H.265 Medium, H.265 Low for all progressive formats up to 4320p60.

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 10.14 Mojave,
Mac 10.15 Catalina or later.
Windows 8.1 and 10.

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.

Accessories

Optional Accessories

HyperDeck Extreme Control
HyperDeck Extreme Rack Mount Kit

Physical Installation

3 rack units height, half rack width.

Physical Specifications

Environmental Specifications

Operating Temperature:

0° to 40° C (32°to 104° F)

Storage Temperature:

-20° to 60° C (-4° to 113° F)

Relative Humidity:

0% to 90% non-condensing

What's Included

HyperDeck Extreme 8K HDR

SD card with user manual.

Warranty

12 Month Limited Manufacturer's Warranty.