Blackmagicdesign

HyperDeck Studio

HyperDeck Studio is a broadcast HD based, solid state deck that includes 3G-SDI and HDMI connections so you can work in all SD and HD formats up to 1080p30. You get familiar VTR style controls so it's just like using a traditional broadcast deck, along with compressed or uncompressed 10-bit 4:2:2 broadcast quality recording. The low cost makes it easy to install multiple units when you need ISO recorders, mastering for SD and HD, or doing long form logging.

$995

Connections

SDI Video Inputs
1

SDI Video Outputs
2

SDI Rates
270Mb, 1.5G-SDI, 3G-SDI.

HDMI Video Inputs
1 x HDMI type A connector.

HDMI Video Outputs
1 x HDMI type A connector.

Analog Video Inputs
None.

Analog Video Outputs
None.

Analog Audio Inputs
None, embedded audio only.

Analog Audio Outputs
None, embedded audio only.

Timecode connections
None.

SDI Audio Inputs
16 channels embedded in SD and HD in QuickTime files. 2 channels in Avid DNxHD MXF files.

SDI Audio Outputs
16 channels embedded in SD and HD in QuickTime files. 2 channels in Avid DNxHD MXF files.

HDMI Audio Inputs
8 channels embedded in SD and HD in QuickTime files. 2 channels in Avid DNxHD MXF files.

HDMI Audio Outputs
2 channels.

Reference Input
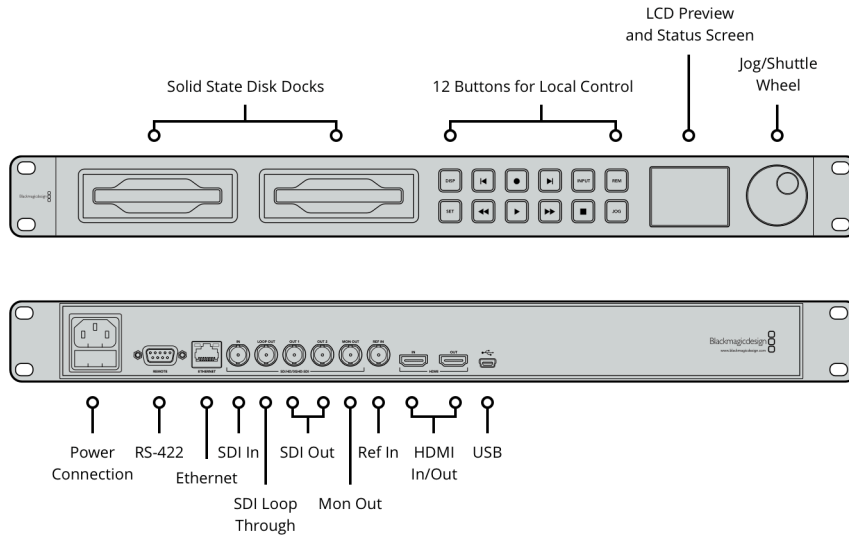Tri-Sync or Black Burst.

Reference Indicator
None

Recorder Configuration
Front panel configurable or USB 2.0 high speed interface.

Computer Interface
1 x type B USB 2.0 port for initial setup, software updates and HyperDeck Utility software control.

Solid State Disk Docks   12 Buttons for Local Control   LCD Preview and Status Screen   Jog/Shuttle Wheel

Power Connection   RS-422   Ethernet   SDI In   SDI Loop Through   SDI Out   Mon Out   Ref In   HDMI In/Out   USB

Standards

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

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

Ultra HD Video Standards
None.

SDI Compliance
SMPTE 259M, SMPTE 292M

SDI Metadata Support
HD RP188 and closed captioning.

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

Video Sampling
4:2:2

Color Precision
10-bit

Color Space
REC 601, REC 709

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

Media

Media
2 x SSD for SD and HD recording.

Media Type
SATA-II or SATA-III solid state disc.

Media Format
Can format discs to ExFAT for
Windows and Mac or HFS+ for Mac
file systems.

Supported Codecs

Uncompressed QuickTime, ProRes
422 HQ QuickTime, ProRes 422
QuickTime, ProRes 422 LT QuickTime,
ProRes 422 Proxy QuickTime, Avid
DNxHD QuickTime, Avid DNxHD MXF
up to 1080i60

Computer Capture

None.

Control

Built in Control Panel
12 buttons for transport and menu control, 2.2 inch color display.

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

Software

Software Included
Media Express, Disk Speed Test, Blackmagic System Preferences and Blackmagic driver (Mac only).

Internal Software Upgrade
Firmware built into software driver. Loaded at system start, or via updater software.
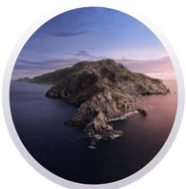
Display

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

Physical Installation

1 rack unit size. Less than 7 inches deep.

Operating Systems

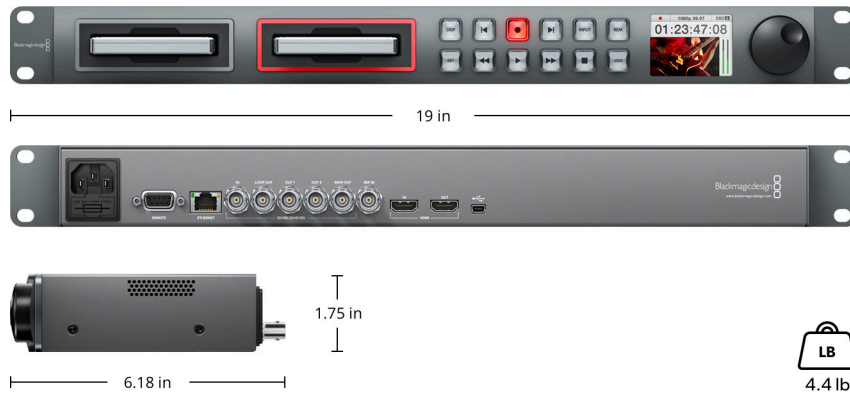Mac 10.14 Mojave,
Mac 10.15 Catalina or later.

Windows 8.1 and 10.

Power Requirements

Power Supply
1x Internal 100-240V AC.

Physical Specifications

19 in

1.75 in

6.18 in

LB
4.4 lb

Environmental Specifications

Operating Temperature	Storage Temperature	Relative Humidity
5° to 40° C (41°vto 104° F)	-20° to 45° C (-4° to 113° F)	0% to 90% non-condensing

What's Included

HyperDeck Studio
SD card with software and user
manual, Blackmagic HyperDeck SDK
and Ethernet HyperDeck
Control Protocol.

Warranty

12 Month Limited Manufacturer's Warranty.

Blackmagic Design Authorized Reseller