Blackmagicdesign

HyperDeck Studio Pro

HyperDeck Studio Pro is the ultimate in compatibility and technology, featuring a more advanced design that includes 6G-SDI so you get SD, HD and Ultra HD formats, plus HyperDeck Studio Pro includes a wide range of video and audio connections in both analog and digital so you get the widest compatibility with older and newer equipment. Get SD, HD up to 1080p60 and Ultra HD up to 2160p30 all in the one deck! Also includes 6G-SDI and Quad SDI, HDMI 4K, analog component, balanced analog audio and AES/EBU audio compatibility. You even get built in Thunderbolt for computer capture and UltraScope software for live scopes!

Connections

SDI Video Inputs
1

SDI Video Outputs
4, Single Link or Quad Link.

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

HDMI Video Inputs
1 x HDMI type A connector including Ultra HD 4K support.

HDMI Video Outputs
1 x HDMI type A connector including Ultra HD 4K support.

Analog Video Inputs
Y, B-Y, R-Y

Analog Video Outputs
Y, B-Y, R-Y

Analog Audio Inputs
2 x XLR connectors for professional balanced analog audio. 2 x RCA connectors for unbalanced analog audio from consumer equipment.

Analog Audio Outputs
2 x XLR connectors for professional balanced analog audio.

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

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
8 channels embedded in SD and HD in QuickTime files. 2 channels in Avid DNxHD MXF files.
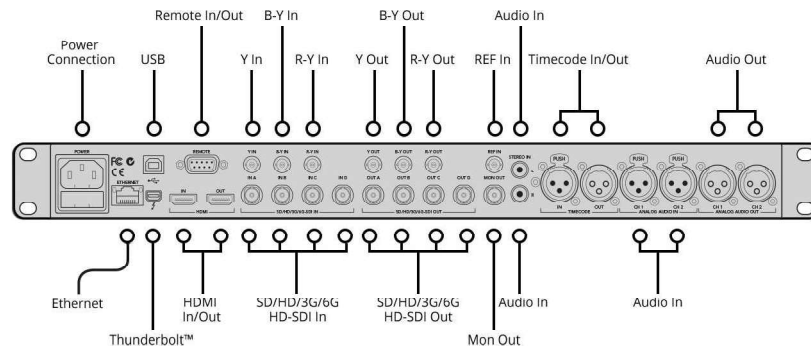
Reference Input
Tri-Sync or Black Burst.

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.

Power Connection · USB · Remote In/Out · Y In · B-Y In · R-Y In · Y Out · B-Y Out · R-Y Out · REF In · Audio In · Timecode In/Out · Audio Out

Ethernet · Thunderbolt™ · HDMI In/Out · SD/HD/3G/6G HD-SDI In · SD/HD/3G/6G HD-SDI Out · Audio In · Mon Out · Audio In

Standards

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

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

Ultra HD Video Standards
2160p23.98, 2160p24, 2160p25,
2160p29.97, 2160p30

SDI Compliance
SMPTE 259M, SMPTE 292M,
SMPTE 296M, SMPTE 425M Level B

SDI Metadata Support
Time Code: HD RP188. Closed
Captioning: CEA-708.

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, HD and Ultra HD
recording.

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

Media Format
Can format discs to ExFAT (Windows/
Mac) or HFS+ (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 and Avid DNxHD MXF up to 1080i60.

Computer Capture

Thunderbolt for Mac/Windows.

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.

Operating Systems

macOS 10.12 Sierra, macOS 10.13 High Sierra or later,

Windows 8.1 or Windows 10.

Display

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

Physical Installation

1 rack unit size. Less than 7 inches deep.

Power Requirements

Power Supply
1x Internal 100 - 240V AC.

Physical Specifications

482 mm
44 mm
157 mm
2 kg