

HyperDeck Studio 12G



HyperDeck Studio 12G is the incredibly advanced and high performance broadcast deck with a native high frame rate Ultra HD design that includes 12G-SDI and HDMI 2.0 all SD, HD and Ultra HD formats up to 2160p60. HyperDeck Studio 12G includes 12G-SDI and HDMI 2.0 for all SD, HD and Ultra HD video formats right up to 2160p60. HyperDeck Studio 12G is the most advanced HyperDeck model and you get every video format in the one compact design.

\$2,495

Connections

SDI Video Input

1 x 10-bit SD/HD/3G/6G/12G-SDI switchable. Supports single link 4:2:2.

SDI Video Output

2 x 10-bit SD/HD/3G/6G/12G-SDI switchable. 1 x 10-bit SD/HD/3G/6G/12G-SDI switchable Loop Output. 1 x 10-bit SD/HD/ switchable Monitor Output.

HDMI Video Input

HDMI 2.0 type A connector with support for Ultra HD 4K 10-bit 60p 4:2:2.

HDMI Video Output

HDMI 2.0 type A connector with support for Ultra HD 4K 10-bit 60p 4:2:2.

SDI Audio Input

16 channels embedded in SD, HD, and UHD in QuickTime files. 2 channels embedded in HD in Avid DNxHD MXF files.

SDI Audio Output

16 channels embedded in SD, HD, and UHD in QuickTime files. 2 channels embedded in HD in Avid DNxHD MXF files.

HDMI Audio Input

8 channels embedded in SD, HD, and UHD in QuickTime files. 2 channels embedded in HD in Avid DNxHD MXF files.

HDMI Audio Output

8 channels embedded in SD, HD, and UHD in QuickTime files. 2 channels embedded in HD in Avid DNxHD MXF files.

SSD Interface

2 x 2.5" SATA 6Gb/s.

Sync Input

Blackburst or Tri-Sync.

Device Control

Sony™ compatible RS422 deck control port.

Recorder Control

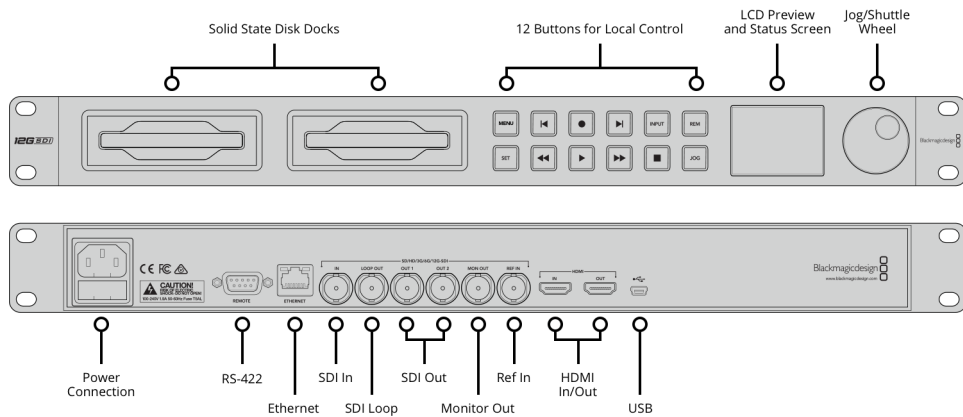
12 buttons and jog wheel for local control. RJ45 Ethernet or RS422 for remote control.

Recorder Configuration

Front panel configurable or USB 2.0 high speed interface.

Computer Interface

1 x USB 2.0 Mini-B port for software updates and HyperDeck Utility software control.



Standards

SD Format Support

625/25 PAL and 525/29.97 NTSC. 480p60 and 576p50 via HDMI only.

HD Format Support

1280 x 720p50, 1280 x 720p59.94, 1280 x 720p60, 1920 x 1080i50, 1920 x 1080i59.94, 1920 x 1080i60, 1920 x 1080PsF23.98, 1920 x 1080PsF24, 1920 x 1080p23.98, 1920 x 1080p24, 1920 x 1080p25, 1920 x 1080p29.97, 1920 x 1080p30, 1920 x 1080p50, 1920 x 1080p59.94, 1920 x 1080p60.

4K Format Support

3840 x 2160p23.98, 3840 x 2160p24, 3840 x 2160p25, 3840 x 2160p29.97, 3840 x 2160p30, 3840 x 2160p50, 3840 x 2160p59.94, 3840 x 2160p60.

SDI Compliance

SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 425M.

SDI Metadata Support

HD RP188 and closed captioning CEA-708.

Audio Sampling

Television standard 24-bit, 48 kHz sample rate.

Video Sampling

4:2:2

Color Precision

10-bit

Color Space

REC 601, REC 709.

Multiple Rate Support

SDI and HDMI switchable between SD, HD and Ultra HD. SDI switches between 270 Mb/s standard definition SDI, 1.5G-SDI HD, 3G-SDI, 6G-SDI and 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.

Codecs

Supports: Uncompressed QuickTime, Apple 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.

Software

Software Included

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

Internal Software Upgrade

Loaded at system start, or via updater software using USB port.

Operating Systems



Mac OS X 10.10 Yosemite,
Mac OS X 10.11 El Capitan
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

1 x built-in international AC power supply with IEC C14 inlet. 110-240V, 50-60Hz.

Physical Specifications



Environmental Specifications

Operating temperature

5° to 40° C (41° to 104° F)

Storage temperature

-20° to 45° C (-4° to 113° F)

Relative Humidity

0% to 90% non-condensing

What's Included

HyperDeck Studio 12G

Software CD

Warranty

12 Month Limited Manufacturer's Warranty.

All items on this website are copyright Blackmagic Design Pty. Ltd. 2016, all rights reserved.
All trademarks are property of their respective owners. MSRP excludes sales taxes/duties and shipping costs.

Blackmagic Design Authorized Reseller