

# HyperDeck Studio 12G



When you need to go beyond 1080p30, HyperDeck Studio 12G is a more advanced version of HyperDeck Studio. Featuring 12G-SDI connections and HDMI 2.0, HyperDeck Studio 12G works with all SD, HD and Ultra HD formats up to 2160p60 over a single cable. You still get all of the benefits of HyperDeck Studio, including its familiar VTR style deck controls and broadcast quality compressed and uncompressed 10-bit 4:2:2 recording.

**£1,259**

## Connections

### SDI Video Inputs

1

### SDI Video Outputs

2

### SDI Rates

270 Mb, 1.5G, 3G, 6G, 12G.

### HDMI Video Inputs

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

### HDMI Video Outputs

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

### Analog Video Inputs

None

### Analog Video Outputs

None

### Analog Audio Inputs

None, embedded audio only.

### Analog Audio Outputs

None, embedded audio only.

### Timecode Connection

None

### SDI Audio Inputs

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

### SDI Audio Outputs

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

### HDMI Audio Inputs

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

### HDMI Audio Outputs

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

### Reference Input

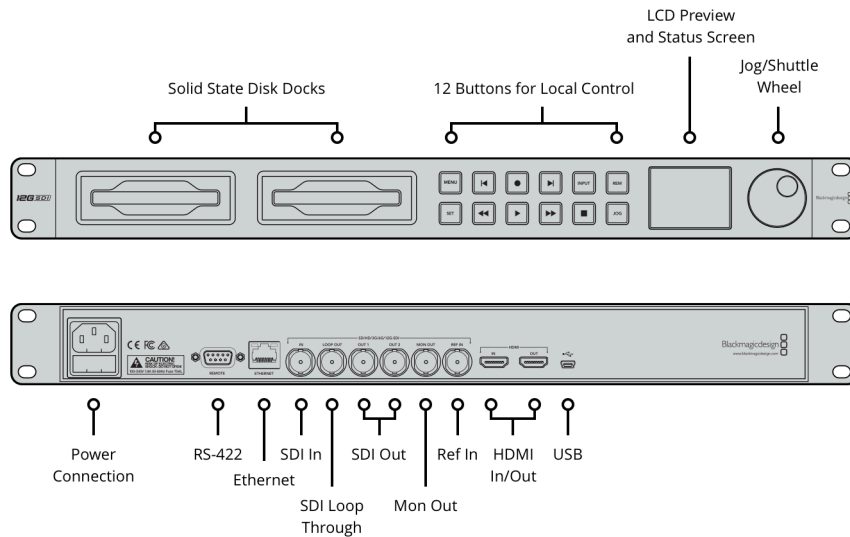
Tri-Sync or Black Burst.

### Recorder Configuration

Front panel configurable or USB 2.0 high speed interface.

### Computer Interface

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



## 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, 2160p50,  
2160p59.94, 2160p60

### SDI Compliance

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

### 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, REC 2020  
(playback only)

### 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.

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## Supported Codecs

Uncompressed QuickTime, ProRes  
422 HQ QuickTime, ProRes 422  
QuickTime, ProRes 422 LT QuickTime,  
ProRes 422 Proxy QuickTime, Avid  
DNxHD/HR QuickTime and Avid  
DNxHD/HR MXF.

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## Computer Capture

None

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## 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.

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## Software

### Software Included

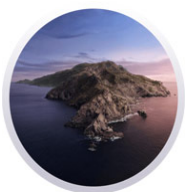
Media Express, Disk Speed Test,  
Blackmagic System Preferences and  
Blackmagic driver (Mac only).

### Internal Software Upgrade

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

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## Operating Systems



Mac 10.14 Mojave,  
Mac 10.15 Catalina or later.



Windows 8.1 and 10.

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## Display

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

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## Physical Installation

1 rack unit size. Less than  
7 inches deep.

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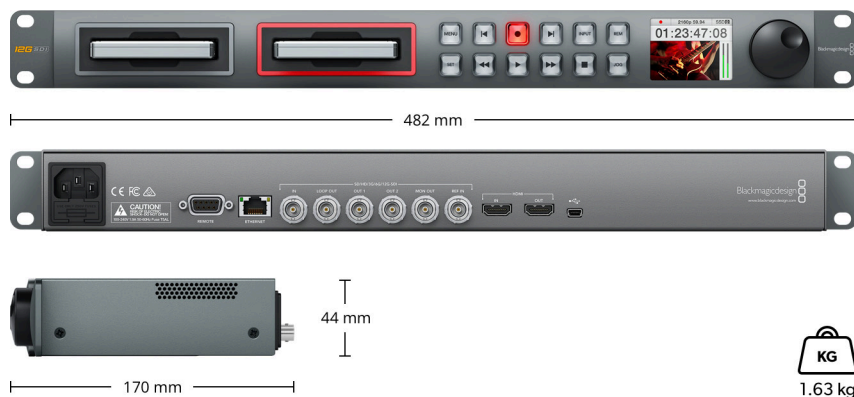
## Power Requirements

### Power Supply

1 x Internal 100 - 240V AC.

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## Physical Specifications



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## 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

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## What's Included

HyperDeck Studio 12G  
SD card with software, user manual,  
Blackmagic HyperDeck SDK and  
Ethernet HyperDeck Control Protocol

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## Warranty

12 Month Limited Manufacturer's Warranty.

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