

HyperDeck Studio HD Mini



The most compact model of HyperDeck Studio is based on the Teranex Mini form factor. This modular design means that you can use a Teranex Mini Rack Shelf to rack mount 3 HyperDeck Studio HD Minis in a single rack unit, or you can combine them with other products such as switchers, converters or streaming processors. It might be small, but you still get powerful features, such as 3G-SDI in and out, HDMI output, dual SD card media slots, built in sync and timecode generators, front panel controls and both AC and DC power inputs. You can even connect the USB to a computer as HyperDeck Studio HD Mini works like a webcam so you can use any video software!

US\$545

Connections

SDI Video Inputs

1

SDI Video Outputs

1

SDI Rates

270Mb, 1.5G, 3G.

HDMI Video Outputs

1

Screen

2.2 inch LCD

Timecode Connections

1 x BNC In, 1 x BNC Out.

Reference Connections

1 x BNC In, 1 x BNC Out.
Tri-Sync or Black Burst.

SDI Audio Inputs

16 channels embedded audio.

SDI Audio Outputs

16 channels embedded audio.

HDMI Audio Outputs

8 channels embedded audio.

Remote Control

1 x RS-422 In.

Recorder Configuration

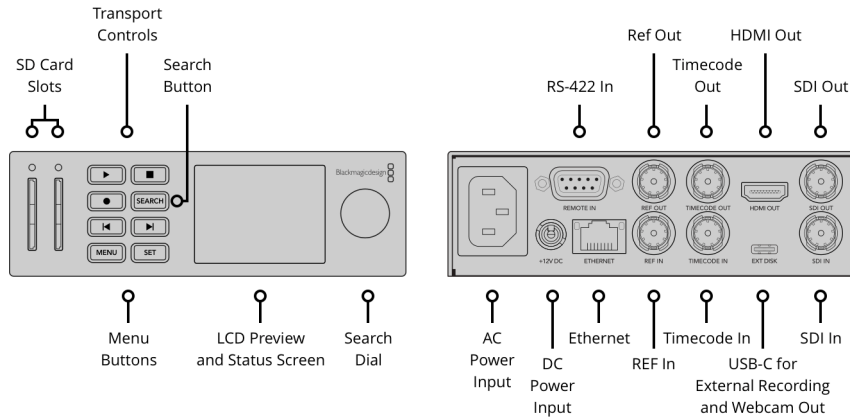
Via user interface or Blackmagic
HyperDeck Ethernet Protocol.

Ethernet

1Gb/s

Computer Interface

1 x USB Type-C 3.0 (up to 5Gb/s) for
external drive recording, webcam
out, software configuration
and 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

2Kp23.98 DCI, 2Kp24 DCI, 2Kp25 DCI,
2Kp29.97 DCI, 2Kp30 DCI

SDI Compliance

SMPTE 259M, SMPTE 292M,
SMPTE 296M, SMPTE 424M,
SMPTE 425M level A and B,
SMPTE 2084 and SMPTE 2108-1.

SDI Metadata Support

HD RP188 and closed captioning
CEA-708. HDR Metadata supported
on SDI.

Supported HDMI Formats

525i59.94 NTSC, 625i50 PAL,
720p50, 720p59.94, 720p60,
1080i50, 1080i59.94, 1080i60,
1080p23.98, 1080p24, 1080p25,
1080p29.97, 1080p30, 1080p50,
1080p59.94, 1080p60,
2Kp23.98 DCI, 2Kp24 DCI, 2Kp25 DCI,
2Kp29.97 DCI, 2Kp30 DCI

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.

HDR Support

Hybrid Log-Gamma, ST2084 300,
ST2084 500, ST2084 800,
ST2084 1000, ST2084 2000,
ST2084 4000, ST2084

Multi Rate Support

Auto detection of SD and HD.

Media

Media

2 x SD card slots
1 x USB-C 3.0 expansion port for
external recording of SD, HD and 2K
DCI.
Please refer to either the Manual or
the Information Note at
www.blackmagicdesign.com/support
for compatible media.

Media Type

UHS-I and UHS-II SD cards.

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, ProRes Proxy QuickTime for all formats up to 1080p60. DNxHD 220x, DNxHD 220x MXF, DNxHD 145, DNxHD 145 MXF, DNxHD 45, DNxHD 45 MXF for 720p and 1080p HD formats up to 60fps. H.264 High 4:2:0 8-bit, H.264 Medium 4:2:0 8-bit, H.264 Low 4:2:0 8-bit for all formats up to 1080p60.

Control

Built in Control Panel

8 buttons for transport and device control with search dial and 2.2 inch color display.

External Control

RS-422 deck control, SDI start/stop, timecode run. Includes Blackmagic HyperDeck Ethernet Protocol. Supports remote FTP file upload.

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 10.15 Catalina,
Mac 11.1 Big Sur or later.



Windows 10, 64-bit.

Displays

Built in 2.2 inch LCD for video, audio and timecode monitoring and menu settings.
LED indicator lights above the SD media slots.

Power Requirements

Power Supply

1 x Internal 100 - 240V AC 50/60Hz.
1 x Locking 5.5mm barrel 12V DC In
for external power supply or
battery use.

Power Usage

50 W max.

Accessories

Optional Accessories

HyperDeck Extreme Control
Teranex Mini Rack Shelf

Physical Installation

One third rack unit width, 1 rack unit height.

Physical Specifications



Environmental Specifications

Operating Temperature

0° to 40° C (32° to 104° F)

Storage Temperature

-20° to 60° C (-4° to 140° F)

Relative Humidity

0% to 90% non-condensing

What's Included

HyperDeck Studio HD Mini

Warranty

12 Month Limited Manufacturer's Warranty.

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