

HyperDeck Shuttle 4K Pro



HyperDeck Shuttle 4K Pro is an advanced recorder and player with a large 7" LCD touchscreen for monitoring and scopes. The large search dial and broadcast controls are perfect for scrolling through media to find the media you want to play. 12G-SDI connections allow you to connect to professional broadcast equipment. Supports HDMI 4K, H.264, H.265, ProRes or DNx files, HD proxies, scopes, 3D LUT and network recording via fast 10G Ethernet.

\$1,645

Connections

SDI Video Inputs

1

SDI Loop Outputs

1

SDI Video Outputs

2

SDI Monitor Outputs

1

SDI Rates

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

HDMI 2.0 Video Inputs

1

HDMI 2.0 Video Outputs

1

HDMI Monitor Outputs

1

Built in Speaker

Mono

Audio Output

1 x 6.35 mm headphone jack

Screen

7 inch LCD.

Reference Input

1 x BNC In,
Tri-Sync/Black Burst and Timecode.

Reference Output

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

SDI Audio Inputs

64 channels embedded audio.

SDI Audio Outputs

64 channels embedded audio.

HDMI Audio Inputs

8 channels embedded audio.

HDMI Audio Outputs

8 channels embedded audio.

Remote Control

1 x RS-422 In.

Recorder Configuration

Via user interface on HDMI Out or
Blackmagic HyperDeck
Ethernet Protocol.

Ethernet

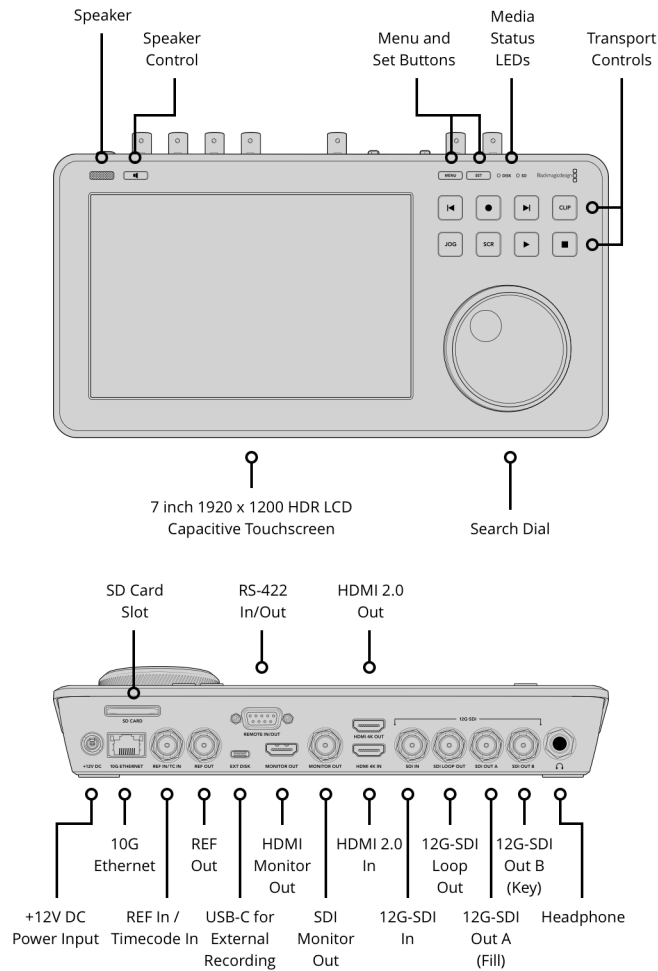
1 x 10Gb/s RJ-45 connector
supporting 1000/10G BASE-T.

External Recording

1 x USB-C 3.1 Gen 1 (up to 5Gb/s) for
external disk recording.

Computer Interface

1 x USB-C for software 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

Ultra HD Video Standards

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

4K DCI Video Standards

4Kp23.98 DCI, 4Kp24 DCI, 4Kp25 DCI,
 4Kp29.97 DCI, 4Kp30 DCI

SDI Compliance

SMPTE 259M, SMPTE 292M,
 SMPTE 296M, SMPTE 424M,
 SMPTE 425M level A and B,
 SMPTE 2081-1, SMPTE 2081-10,
 SMPTE 2082-1, SMPTE 2082-10,
 SMPTE 2084 and SMPTE 2108-1.

SDI Metadata Support

Television standard 24-bit, 48 kHz
 sample rate.

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,
 2160p23.98, 2160p24, 2160p25,
 2160p29.97, 2160p30, 2160p50,
 2160p59.94, 2160p60,
 4Kp23.98 DCI, 4Kp24 DCI, 4Kp25 DCI,
 4Kp29.97 DCI, 4Kp30 DCI

Audio Sampling

Television standard 24-bit, 48 kHz
 sample rate.

Video Sampling

4:2:2 YUV

Color Precision

REC 601, REC 709, REC 2020.
33 point 3D LUTS can be applied to
SDI monitor out.

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, HD, 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.

Media**Cache Recording**

Slot for optional M.2 PCIe NVMe card
for cache recording up to 16Gb/s. Slot
supports 60mm 80mm and
110mm cards.

Media

1 x SD card slot
1 x USB-C 3.1 Gen 1 expansion port
for external recording of SD, HD,
Ultra HD and 4K 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**Video Codecs**

ProRes HQ QuickTime, ProRes 422
QuickTime, ProRes LT QuickTime,
ProRes Proxy QuickTime for all
formats up to 2160p60.
Playback only of ProRes 4444
QuickTime up to 2160p60 with auto
routing of fill and key over SDI
A and B outputs.
DNxHD 220x, DNxHD 220x MXF,
DNxHD 145, DNxHD 145 MXF, DNxHD
45, DNxHD 45 MXF for 720p and
1080p HD formats up to 60fps.
DNxHR HQX, DNxHR HQX MXF,
DNxHR SQ, DNxHR SQ MXF, DNxHR
LB, DNxHR LB MXF for 2160p formats
up to 60fps.
H.265 High 4:2:0 10-bit, H.265
Medium 4:2:0 10-bit, H.265 Low 4:2:0
10-bit for all 2160p formats up to
60 fps.
H.264 SDI 4:2:2 10-bit, 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.

Audio Codecs

AAC 2 Channels.
PCM 2, 4, 8, 16, 32 or 64 Channels.

Scopes

Scopes

Waveform, RGB Parade, Vector and Histogram scopes in broadcast quality 10-bit.

Viewing Modes

Picture in picture, picture overlay with opacity control. Waveform and RGB parade with standard and HDR graticules and Vector with zoom.

Control

Built in Control Panel

Integrated capacitive touchscreen LCD with onscreen controls for settings and navigating menus. 11 buttons for transport and device control with search dial

External Control

11 buttons for transport and device control with search dial.

Teleprompter

Multi Rate Support

Outputs 23.98p, 24p, 25p, 29.97p, 30p, 50p, 59.94p, 60p defaulting to the highest rate.

Supported File Formats

Rich text (.rtf) with support for most rich text formatting. Plain text (.txt)

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 15.0 Sequoia,
Mac 26.0 Tahoe or later.



Windows 11

Displays

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

Power Requirements

Power Supply

1 x Locking 5.5mm barrel 12V DC In
for external power supply or
battery use.

Power Usage

60 W max.

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 Shuttle 4K Pro

12V universal power supply with international socket adapters

Warranty

1 Year Limited Manufacturer's Warranty.

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