

## 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

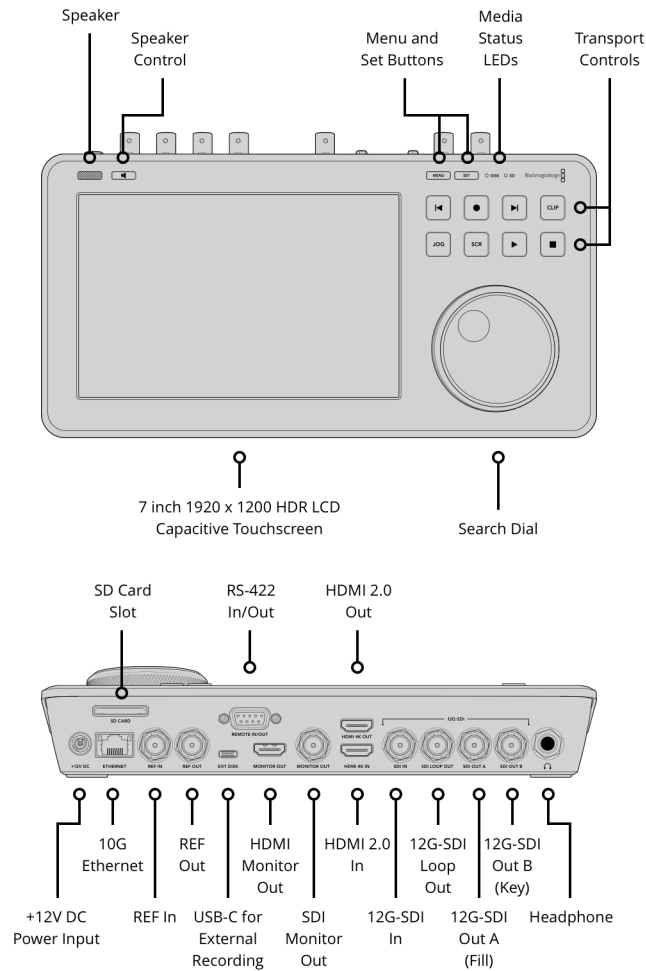
1 x 10Gb/s RJ-45 connector  
supporting 1000/10G BASE-T.

#### 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

### 2K DCI Video Standards

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

### 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  
 424M.

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

<b>Video Sampling</b> 4:2:2 YUV  <b>Color Precision</b> REC 601, REC 709, REC 2020. 33 point 3D LUTS can be applied to SDI monitor out.	<b>HDR Support</b> Hybrid Log-Gamma, ST2084 300, ST2084 500, ST2084 800, ST2084 1000, ST2084 2000, ST2084 4000, ST2084.  <b>Multi Rate Support</b> Auto detection of SD, HD, 6G-SDI and 12G-SDI.	<b>Copy Protection</b> HDMI input is unable to capture from copy protected HDMI sources. Always confirm copyright ownership before capture or distribution of content.
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## Media

<b>Cache Recording</b> Slot for optional M.2 PCIe NVMe card for cache recording up to 16Gb/s. 60mm 80mm and 110mm supported.	<b>Media</b> 1 x SD card slot 1 x USB-C 3.1 Gen 1 expansion port for external recording of SD, HD, 2K DCI, Ultra HD and 4K DCI. Please refer to either the Manual or the Information Note at <a href="http://www.blackmagicdesign.com/support">www.blackmagicdesign.com/support</a> for compatible media.	<b>Media Type</b> UHS-I and UHS-II SD cards.  <b>Media Format</b> Can format media to ExFAT (Windows/Mac) or HFS+ (Mac) file systems.
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## Supported Codecs

<b>Video Codecs</b> 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 2K DCI and 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.	<b>Audio Codecs</b> AAC 2 Channels. PCM 2, 4, 8, 16, 32 or 64 Channels.
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# 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.

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# 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.

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# 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)

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# Software

## Software Included

Blackmagic OS  
Blackmagic HyperDeck Setup

## Internal Software Upgrade

Loaded at system start, or via Blackmagic HyperDeck Setup using USB port.

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# Operating Systems



Mac 14.0 Sonoma,  
Mac 15.0 Sequoia or later.



Windows 10 and 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

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## What's Included

HyperDeck Shuttle 4K Pro

12V universal power supply with international socket adapters

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## Warranty

1 Year Limited Manufacturer's Warranty.

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