

# Blackmagic Design BMD-HYPERD/PTSHD HyperDeck Shuttle HD Recorder/Player

## 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

### 2K DCI Video Standards

- 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.

### Multi Rate Support

- Auto detection of SD and HD.

### Media

- 1 x SD card slot
- 1 x USB-C 3.0 expansion port for external recording of SD, HD and 2K DCI.

### 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

- 10 buttons for transport and device control plus metal search dial.

#### External Control

- HDMI start/stop, timecode run. Includes Blackmagic HyperDeck Ethernet Protocol. Supports remote FTP file upload.

### 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 11.1 Big Sur,
- Mac 12.0 Monterey or later.
- Windows 10 and 11.

**Displays**

- LED indicator lights above the media slots.

**Power Requirements****Power Supply**

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

**Power Usage**

- 20 W max.

**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