

# UltraStudio Mini Recorder



The mini recorder that fits in your pocket, UltraStudio Mini Recorder is super tiny and includes just SDI and HDMI connections, plus Thunderbolt. Simply plug in and record from any SDI and HDMI device for the most incredible portable solution.

## Connections

### SDI Video Input

1 x 10 bit SD/HD switchable.

### SDI Audio Input

8 Channels embedded in SD and HD.

### Computer Interface

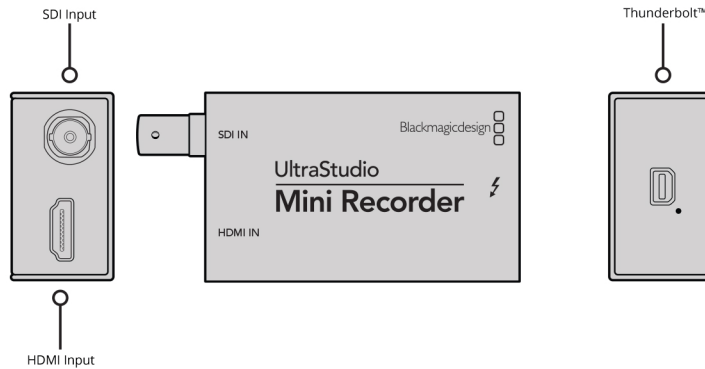
Thunderbolt™

### HDMI Video Input

1 x HDMI type A connector

### HDMI Audio Input

8 Channels embedded in SD and HD.



## Codecs

Supports: AVC-Intra, AVCHD, Canon XF MPEG2, Digital SLR, DV-NTSC, DV-PAL, DVCPRO50, DVCPROHD, DPX, HDV, XDCAM EX, XDCAM HD, XDCAM HD422, Apple ProRes 4444, Apple ProRes 422 HQ, Apple ProRes 422, Apple ProRes LT, Apple ProRes 422 Proxy, Uncompressed 8-bit 4:2:2, Uncompressed 10-bit 4:2:2.

## Software

### Software Included

Media Express, Disk Speed Test, LiveKey, Blackmagic Desktop Video Utility and Blackmagic driver on Mac OS X and Windows.

### Internal Software Upgrade

Firmware built into software driver. Software driver loads upgrades at system start or via updater software.

## Software Applications



DaVinci Resolve



Fusion



Final Cut Pro X



Premiere Pro CC



Avid Media Composer



After Effects CC



Avid Pro Tools



Steinberg Cubase



Steinberg Nuendo



Photoshop CC

**Other supported applications include:** Nuke, Avid Symphony, Avid News Cutter, Tools On Air just:in & live:cut & just:play & just:live, Softron OnTheAir, MovieRecorder and OnTheAir CG, Flash Media Encoder, Wirecast, Livestream Procaster, Resolume Avenue 4, Sony Vegas Pro, Corel VideoStudio Pro X4, CyberLink Power Director, MAGIX Video Pro X4, Vidcaster Pro & Studio & Broadcast, Uniplay, Playbox AirBox, CasparCG, Magicsoft CG, Xsplit Broadcaster, Imagine Communications Velocity & InfoCaster.

## Video Standards

### SD Format Support

525i29.97 NTSC, 625i25 PAL

### HD Format Support

720p50, 720p59.94, 720p60  
1080p23.98, 1080p24, 1080p25,  
1080p29.97, 1080p30  
1080PsF23.98, 1080PsF24, 1080PsF25,  
1080PsF29.97, 1080PsF30  
1080i50, 1080i59.94, 1080i60

### SDI Compliance

SMPTE 259M and 292M.

### SDI Metadata Support

VITC read for 3:2 pulldown removal.  
VANC capture using up to 3 lines of  
video in file. HD RP188. Closed  
captioning.

### Audio Sampling

Television rate of 48kHz and 24 bit.

### Video Sampling

4:2:2

### Color Precision

10-bit

### Color Space

REC 601, REC 709

### HDMI Resolution

Pixel for pixel HD resolution input to  
connected device.

### HDMI Color Precision

10 bit

### Multiple Rate support

SDI and HDMI are switchable between  
standard definition and high  
definition.

### Copy Protection

HDMI input is unable to capture from  
copy protected HDMI sources. Always  
confirm copyright ownership before  
capture or distribution of content.

## Processing

### Colorspace Conversion

Hardware based real time.

### HD Up Conversion

Software based up conversion during  
video capture.

### Physical Installation

Requires computer with a  
Thunderbolt™ port. Please check the  
Support pages to see the full system  
requirements.

## Operating Systems



Mac OS X 10.10 Yosemite,  
Mac OS X 10.11 El Capitan  
or later.



Windows 7, 8.1 and 10,  
all 64-bit.



Linux

# Power Requirements

Powered by Thunderbolt cable.

# Physical Specifications



  
151 g

# Environmental Specifications

**Operating Temperature**  
5° to 40° C (32° to 104° F)

**Storage Temperature**  
-20° to 45° C (-4° to 113° F)

**Relative Humidity**  
0% to 90% non-condensing

# What's Included

- UltraStudio Mini Recorder
- SD card with software and manual

# Warranty

12 Month Limited Manufacturer's Warranty.

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