

# UltraStudio Recorder 3G



Get the world's smallest pocket sized SDI and HDMI video capture for your Thunderbolt 3 laptop or desktop computer! UltraStudio Recorder 3G features the highest quality 10 bit uncompressed and compressed video capture that's compatible with all popular video software including DaVinci Resolve, Avid Media Composer, Adobe Premiere Pro CC and hundreds more!

**A\$215**

## Connections

### SDI Video Inputs

1 x 10-bit SD/HD switchable

### SDI Rates

270Mb, 1.5G, 3G

### SDI Audio Inputs

16 Channels embedded in SD/HD

### HDMI Video Inputs

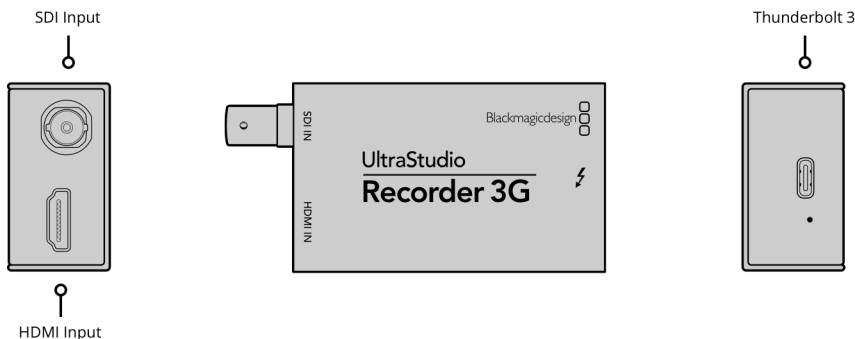
1 x HDMI 2.0 type A connector

### HDMI Audio Inputs

8 Channels embedded in SD/HD

### Computer Interface

Thunderbolt™ 3 (Mac OS, Windows and Linux)



## Supported Codecs

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

---

## Software

### Software Included

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

### Internal Software Upgrade

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

---

## Software Applications



Wirecast



vMix



OBS

### Other supported applications include:

Cinegy Capture Pro, DevTek EasyMediaSuite, Glookast Capturer, Livestream Producer, Metus Ingest, Softron MovieRecorder, ToolsOnAir just:in, Burst Video WebClip2Go & [REC]Marker, Zoom.

These are third party applications and support may vary, check with your software vendor.

---

## SDI Video Standards

### SD Video Standards

525i59.94 NTSC, 625i50 PAL

### HD Video Standards

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

### 2K Video Standards

2Kp23.98 DCI, 2Kp24 DCI, 2Kp25 DCI,  
2Kp29.97 DCI, 2Kp30 DCI, 2Kp50 DCI,  
2Kp59.94 DCI, 2Kp60 DCI  
2KPsF23.98 DCI, 2KPsF24 DCI,  
2KPsF25 DCI, 2KPsF29.97 DCI,  
2KPsF30 DCI

### SDI Compliance

SMPTE 259M, SMPTE 274M,  
SMPTE 296M, SMPTE 424M and  
SMPTE 425M A/B

### SDI Metadata Support

RP 188/SMPTE 12M-2 and  
closed captioning.

### SDI Audio Sampling

Television standard sample rate of  
48 kHz and 24-bit.

### SDI Video Sampling

4:2:2, 4:4:4

### SDI Color Precision

8, 10, 12-bit RGB 4:4:4 up to 1080p30,  
and 8, 10-bit YUV 4:2:2 in  
all standards.

### SDI Color Space

REC 601, REC 709 and REC 2020

### Multiple Rate Support

SDI video connection is switchable  
between SD and HD.

---

## HDMI Video Standards

### SD Video Standards

525i59.94 NTSC, 625i50 PAL

### HD Video Standards

720p50, 720p59.94, 720p60  
1080p23.98, 1080p24, 1080p25,  
1080p29.97, 1080p30, 1080p50,  
1080p59.94, 1080p60  
1080i50, 1080i59.94, 1080i60

### HDMI Audio Sampling

Television standard sample rate of  
48 kHz and 24 bit.

### HDMI Video Sampling

4:2:2 and 4:4:4

### HDMI Color Precision

8-bit RGB 4:4:4, 8-bit YUV 4:4:4 and  
12-bit YUV 4:2:2 in all standards.

### HDMI Configuration

HDMI 2.0 supports Deep Color.

### HDMI Color Space

REC 601, REC 709 and REC 2020

### Multiple Rate Support

HDMI video connection is switchable  
between SD and HD.

### Copy Protection

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

---

## Hardware Frame Buffer

v210 (10 bit YUV), 2vuy (8 bit YUV), ARGB, BGRA (8 bit RGB), r210 (10 bit RGB), R12B, R12L (12 bit RGB).

---

## Processing

### Colorspace Conversion

Hardware based real time.

### Physical Installation

Requires computer with  
a Thunderbolt™ 3 USB-C port. Please  
check support pages to see the full  
system requirements.

---

## Physical Specifications



---

## Operating Systems



Mac 11.1 Big Sur,  
Mac 12.0 Monterey or later.



Windows 10, 64-bit.  
Windows 11.



Linux

---

## Power Requirements

Powered by Thunderbolt cable. Requires computer with a Thunderbolt™ 3 USB-C port.

---

## 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 Recorder 3G

---

## Warranty

12 Month Limited Manufacturer's Warranty.

All items on this website are copyright Blackmagic Design Pty. Ltd. 2022, all rights reserved.  
All trademarks are property of their respective owners. MSRP includes GST and excludes shipping costs.  
This website uses remarketing services to advertise on third party websites to previous visitors to our site.  
You can opt out at any time by changing cookie settings. [Privacy Policy](#)

Blackmagic Design Authorized Reseller