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!

$115

Connections

<table>
<thead>
<tr>
<th>SDI Video Inputs</th>
<th>SDI Audio Inputs</th>
<th>HDMI Video Inputs</th>
<th>HDMI Audio Inputs</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>16 Channels embedded in SD/HD</td>
<td>1</td>
<td>8 Channels embedded in SD/HD</td>
</tr>
<tr>
<td>270Mb, 1.5G, 3G</td>
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</table>

Supported Codecs

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:

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
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.

2K Video Standards

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

SD Video Sampling
4:2:2, 4:4:4

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

SD 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**

**HDMI Configuration**
HDMI 2.0a 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 10.14 Mojave, Mac 10.15 Catalina or later.

Windows 8.1 and 10, both 64-bit.

Linux

Power Requirements

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

Environmental Specifications

<table>
<thead>
<tr>
<th>Operating Temperature</th>
<th>Storage Temperature</th>
<th>Relative Humidity</th>
</tr>
</thead>
<tbody>
<tr>
<td>5°C to 40°C (32°F to 104°F)</td>
<td>-20°C to 45°C (-4°F to 113°F)</td>
<td>0% to 90% non-condensing</td>
</tr>
</tbody>
</table>

What's Included

UltraStudio Recorder 3G

Warranty

12 Month Limited Manufacturer's Warranty.