UltraStudio Express Recorder 3G



Get pocket sized 3G-SDI and HDMI video capture for your USB4 or Thunderbolt 4 laptop or desktop computer! UltraStudio Express Recorder 3G features broadcast quality 10-bit video connections in both HDMI and 3G-SDI. It's compatible with all popular video software such as DaVinci Resolve plus AI image processing and live streaming software.

$179

Connections

SDI Video Inputs
1 x 10-bit SD/HD switchable

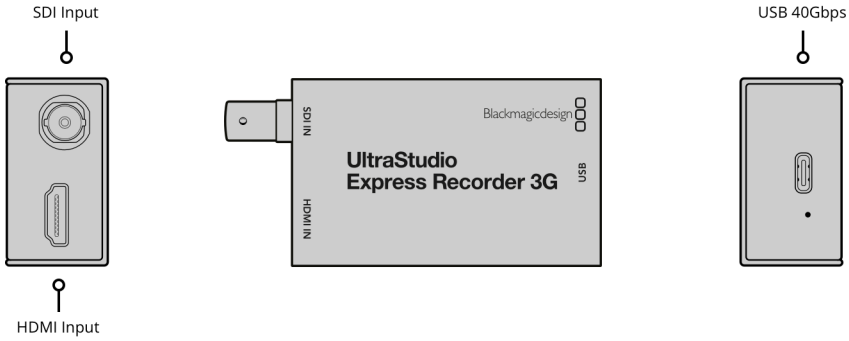
SDI Rates
270Mb, 1.5G, 3G

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
1 x USB Type-C® supporting USB 40Gbps.



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, Metus Ingest, Softron MovieRecorder, ToolsOnAir just:in, Burst Video WebClip2Go & [REC]Marker, Zoom, First Rush.
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
1080i50, 1080i59.94, 1080i60
1080PsF23.98, 1080PsF24,
1080PsF25, 1080PsF29.97, 1080PsF30
1080p23.98, 1080p24, 1080p25,
1080p29.97, 1080p30, 1080p50,
1080p59.94, 1080p60

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

SDI Compliance
SMPTE 259M, SMPTE 274M, SMPTE 296M, SMPTE 424M and SMPTE 425M level A and level 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 and 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
1080i50, 1080i59.94, 1080i60
1080p23.98, 1080p24, 1080p25,
1080p29.97, 1080p30, 1080p50,
1080p59.94, 1080p60

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 Color 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

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

Physical Installation
Requires computer with a USB Type-C® port with 40Gbps signalling rate.

Physical Specifications



oz
5.57 oz

Operating Systems



Mac 15.0 Sequoia,
Mac 26.0 Tahoe or later.



Windows 10, 64-bit.
Windows 11.



Linux

Power Requirements

Power Requirements
Powered by Type-C® cable. Requires computer with a USB Type-C® 40Gb/s 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 Express Recorder 3G

Warranty

1 Year Limited Manufacturer's Warranty.

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