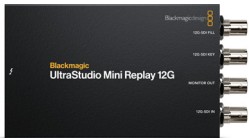


UltraStudio Mini Replay 12G



UltraStudio Mini Replay 12G is a compact capture and playback solution for Thunderbolt™ computers that's perfect for broadcast graphics, AI image processing and live action replay! It connects using a single Thunderbolt cable and provides both capture and playback. There's both a fill and key output for keying graphics in switchers, plus a separate output for monitoring. UltraStudio Mini Replay 12G has multi-rate 12G-SDI connections which support HD for broadcast video use as well as the latest Ultra HD video standards up to 2160p60.

US\$535

Connections

SDI Video Inputs

1

SDI Video Outputs

2

SDI Fill Outputs

1

SDI Key Outputs

1

SDI Monitor Outputs

1

SDI Rates

270Mb, 1.5G, 3G, 6G, 12G.

SDI Audio Inputs

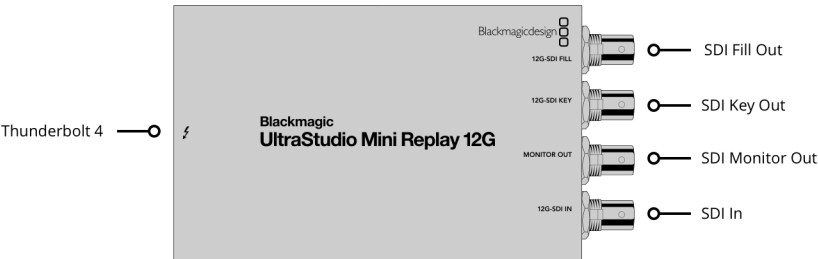
16 channels embedded audio on SDI input.

SDI Audio Outputs

16 channels embedded audio on SDI output.

Computer Interface

Thunderbolt 4 (Mac OS Apple Silicon
Macs, Windows and Linux)



Supported Codecs

Video 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



DaVinci Resolve



Fusion



Final Cut Pro



Adobe Premiere



Adobe After Effects



Avid Media Composer

SDI Video Standards

SDI 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, 1080p47.95,
1080p48, 1080p50, 1080p59.94,
1080p60
1080PsF23.98, 1080PsF24,
1080PsF25, 1080PsF29.97, 1080PsF30

2K Video Standards

2Kp23.98 DCI, 2Kp24 DCI, 2Kp25 DCI,
2Kp29.97 DCI, 2Kp30 DCI, 2Kp47.95
DCI, 2Kp48 DCI, 2Kp50 DCI, 2Kp59.94
DCI, 2Kp60 DCI
2KPsF23.98 DCI, 2KPsF24 DCI,
2KPsF25 DCI, 2KPsF29.97 DCI,
2KPsF30 DCI

Ultra HD Video Standards

2160p23.98, 2160p24, 2160p25,
2160p29.97, 2160p30, 2160p47.95,
2160p48, 2160p50, 2160p59.94,
2160p60

4K Video Standards

4Kp23.98 DCI, 4Kp24 DCI, 4Kp25 DCI,
4Kp29.97 DCI, 4Kp30 DCI, 4Kp47.95
DCI, 4Kp48 DCI, 4Kp50 DCI, 4Kp59.94
DCI and 4Kp60 DCI

SDI Compliance SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 424M, SMPTE 425M level A and B, SMPTE 2081-1, SMPTE 2081-10, SMPTE 2082-1, SMPTE 2082-10, SMPTE 2084 and SMPTE ST2108-1 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 2160p30, and 8, 10-bit YUV 4:2:2 in all standards.	SDI Color Space Rec. 601, Rec. 709 and Rec. 2020. HDR Support HDR static metadata packing, HLG and PQ transfer characteristics. Multiple Rate Support SDI video connection is switchable between SD, HD, 2K, Ultra HD and 4K.
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Hardware Frame Buffer

2vuy (8-bit YUV), ARGB, BGRA (8-bit RGB), Ay10 (10-bit YUVA), r210 (10-bit RGB), v210 (10-bit YUV), R12B, R12L (12-bit RGB).

Processing

Colorspace Conversion
Hardware based real time.

Operating Systems



Mac 15.0 Sequoia,
Mac 26.0 Tahoe or later.



Windows 10, 64-bit.
Windows 11.



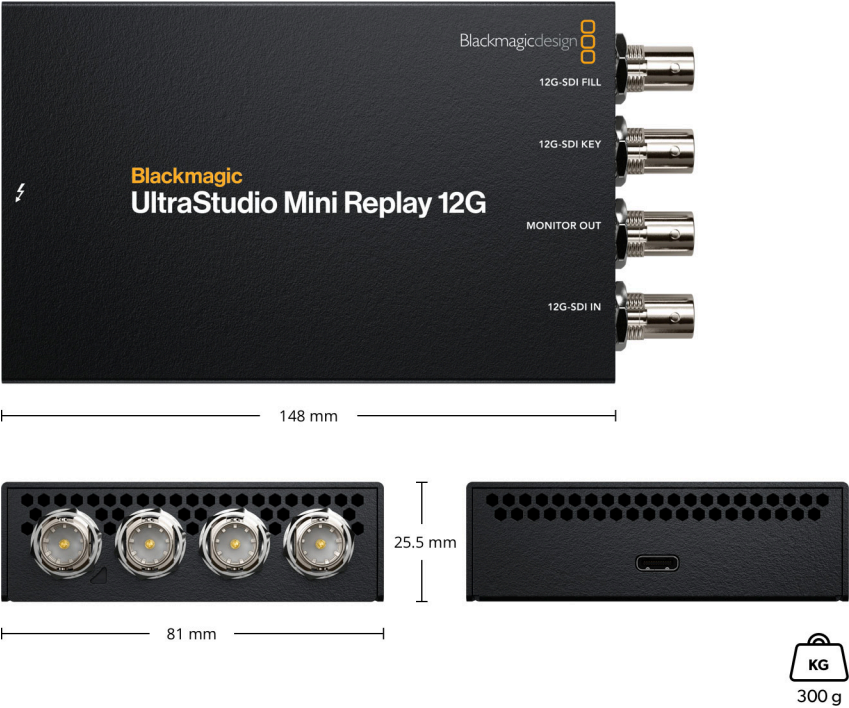
Linux

Power Input	Power Usage
Powered by Thunderbolt cable. Requires computer with a Thunderbolt 4 USB-C port.	15 W

Physical Installation

Works with Apple Silicon Macs and Thunderbolt 4 / Thunderbolt 5 PCs.

Physical Specifications



Environmental Specifications

Operating Temperature	Storage Temperature	Relative Humidity
5° to 40° C (32° to 104° F)	-20° to 45° C (-4° to 113° F)	0% to 90% non-condensing

What's Included

UltraStudio Mini Replay 12G
Welcome wallet with QR code for software download

Warranty

1 Year Limited Manufacturer's Warranty.

Blackmagic Design Authorized Reseller