

Mini Converter UpDownCross HD



Mini Converter UpDownCross HD is a full standards converter that lets you convert any SD or HD video format to any other SD or HD video format! You get both SDI and HDMI inputs and outputs, along with reference input for built in re-sync, high quality Teranex conversion algorithms, automatic audio delay for perfect AV sync, international power supply and more!

\$155

Connections

SDI Video Inputs

1 x SD, HD or 3G-SDI Video Input and 1 x External Reference Input.

HDMI Video Output

HDMI type A out. Output supports EDID of the monitor.

Multi Rate Support

Auto detection of HD or standard definition SDI inputs.

HDMI Video Input

1 x HDMI type A connector.

SDI Rates

270Mb, 1.5G, 3G.

Updates and Configuration

USB

SDI Video Outputs

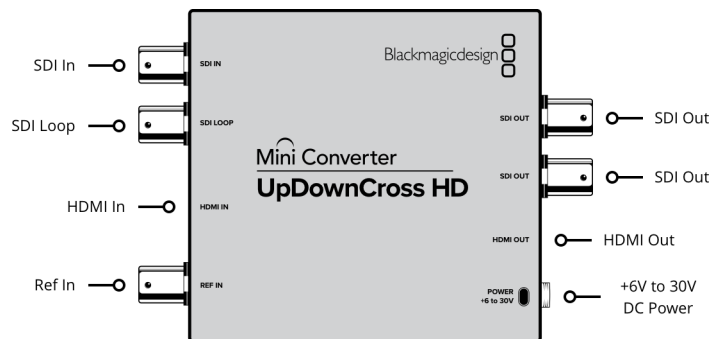
1 x loop out and 2 x outputs

Reference Input

Black burst and Tri-Sync for SD & HD.

Reclocking

Yes



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
1080i50, 1080i59.94, 1080i60

HDMI Input Video Standards

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

SDI Compliance

SMPTE 259M, SMPTE 292M, SMPTE
296M, SMPTE 424M-B, ITU-R BT.656
and ITU-R BT.601.

SDI Video Rates

SDI video connections are switchable
between standard definition and
high definition.

SDI Video Sampling

4:2:2

SDI Audio Sampling

Television standard sample rate of 48
kHz and 24 bit.

SDI Color Precision

4:2:2

SDI Color Space

YUV

SDI Auto Switching

Automatically detects SD, HD
or 3G-SDI.

Format Conversion

Video Conversion

Convert any SD and HD input to "720p50, 720p59.94, 720p60
1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60
1080i50, 1080i59.94, 1080i60"

Computer Scaling

Scale DVI resolutions 640x480, 800x600, 1024x768 to 525i59.94, 625i50, 720p50, 720p59.94, 720p60 1080p23.98, 1080p24,
1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60 1080i50, 1080i59.94, 1080i60

Software

Internal Software Upgrade

Via included updater application.

Operating Systems



macOS 10.12 Sierra,
macOS High Sierra 10.13 or later.



Windows 8.1 or Windows 10.

Settings Control

Mini
Switches

Power Requirements

Power Supply

+12V universal power supply included with international socket adapters for all countries.

Power Consumption

5W

Operational Voltage Range

6 to 36 Vdc.

Physical Specifications



Environmental Specifications

Operating Temperature

0° 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

Mini Converter UpDownCross HD

12V universal power supply with international socket adapters

Warranty

3 Year Limited Manufacturer's Warranty.

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