

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!

\$175

Connections

SDI Video Inputs

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

HDMI Video Input

1 x HDMI type A connector.

SDI Video Outputs

1 x loop out and 2 x outputs

HDMI Video Output

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

SDI Rates

270Mb, 1.5G, 3G.

Reference Input

Black burst and Tri-Sync for SD & HD.

Multi Rate Support

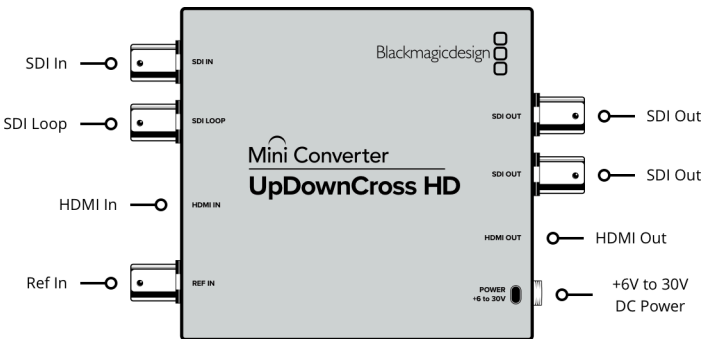
Auto detection of HD or standard
definition SDI inputs.

Updates and Configuration

USB

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, 1080PsF25,
1080PsF29.97, 1080PsF30, 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 372M,
SMPTE 424M level B, SMPTE 425M
level B, ITU-R BT.656 and
ITU-R BT.601

SDI Video Rates

SDI video inputs are automatically
detected between standard
definition, high definition and
level B 3G-SDI.

SDI Metadata Support

Timecode and closed captioning.

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



Mac 10.15 Catalina,
Mac 11.1 Big Sur or later.



Windows 10, 64-bit.

Settings Control

Mini Switches

Power Requirements

Power Supply

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

Blackmagic Design Authorized Reseller