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!

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
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 10.14 Mojave, Mac 10.15 Catalina or later.
Windows 8.1 and 10.

Settings Control
Mini Switches

Mini Converter UpDownCross HD - Technical Specifications
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

![Mini Converter UpDownCross HD](image)

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