OpenGear Converter
UpDownCross

Lets you convert between multiple SD and HD video standards with high quality up, down and cross conversion. OpenGear Converter UpDownCross even includes a standards converter, plus adapts SDI audio delay to match video processing for accurate AV sync.

$495

Connections

SDI Video Input
Switchable between SD, HD and 3G-SDI.

SDI Video Output
7 x outputs automatically match the SD, HD and 3G-SDI video input unless up, down, cross and/or standards conversion is enabled. 1 x SDI loop output.

Reference Input
Blackburst and TriSync for SD & HD.

Multi Rate Support
Auto detection of SD, HD and Level B 3G-SDI inputs.

Updates and Configuration
Via USB 2.0 high speed, (480 Mb/s)

Reclocking
Yes

Standards

SDI Compliance

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 selects between SD, HD and 3G-SDI.

SDI Format Support
525i59.94 NTSC, 625i50 PAL
720p50, 720p59.94, 720p60
1080p50, 1080p59.94, 1080p60
1080PsF23.98, 1080PsF24, 1080PsF25
1080i50, 1080i59.94, 1080i60
2K Format Support

2K DCI 23.98p, 2K DCI 24p, 2K DCI 25p
2K DCI 23.98PsF, 2K DCI 24PsF, 2K DCI 25PsF

Format Conversion

Up, down, cross conversion and/or NTSC/PAL standards conversion.

Software

Software Control
Mac™ and Windows™ software upgrade via USB.

Internal Software Upgrade
Via included updater application.

Operating Systems

Mac 10.12 Sierra, Mac 10.13 High Sierra or later.
Windows 8.1 or Windows 10.

Settings Control

OpenGear DashBoard network control software, Mini Switches or USB software.

Physical Specifications
Environmental Specifications

<table>
<thead>
<tr>
<th>Operating Temperature</th>
<th>Storage Temperature</th>
<th>Relative Humidity</th>
</tr>
</thead>
<tbody>
<tr>
<td>0° to 40° C (32° to 104° F)</td>
<td>-20° to 45° C (-4° to 113° F)</td>
<td>0% to 90% non-condensing</td>
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What's Included

OpenGear Converter UpDownCross
SD card with software and manual.
Double width rear connector.

Warranty

3 Year Limited Manufacturer's Warranty.

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