

# AV-CV160



Avonic Converter HDMI to 2x 3G-SDI

The Avonic AV-CV160 HDMI to 3G-SDI converts any HDMI signal up to 1080p60 to a double 3G-SDI output. This means that it is a converter and splitter in one, making it extremely cost effective. The converter does not apply any compression to the incoming signal, the output is completely lossless.

It's small form factor makes it easy to install.



## Features

**Inputs:** HDMI

**Outputs:** 2x 3G-SDI

- Support HDMI timing: 480i, 576i, 720p50/60, 1080p 24/25/30, 1080i 50/60, 1080p 50/60
- Operate at 2.970Gbps, 2.970/1.001Gbps, 1.485Gbps, 1.485/1.001Gbps and 270Mbps
- Simultaneous display HDMI source on two SDI displays
- Integrated audio embed up to 8CH PCM 48kHz for HDMI
- Auto video mode detection (3G/SD/HD)
- Connect with other units (SDI to HDMI) to extend the signal over long distance
- Signal transmission distance up to 300m for SD signals, 200m for HD signals and 100m for 3G signals

## Applications

- |             |                      |                |               |
|-------------|----------------------|----------------|---------------|
| • Education | • Video Conferencing | • Broadcasting | • Live Events |
| • Churches  | • Healthcare         | • Courtroom    | • And more    |

Distributor / Vertrieb:

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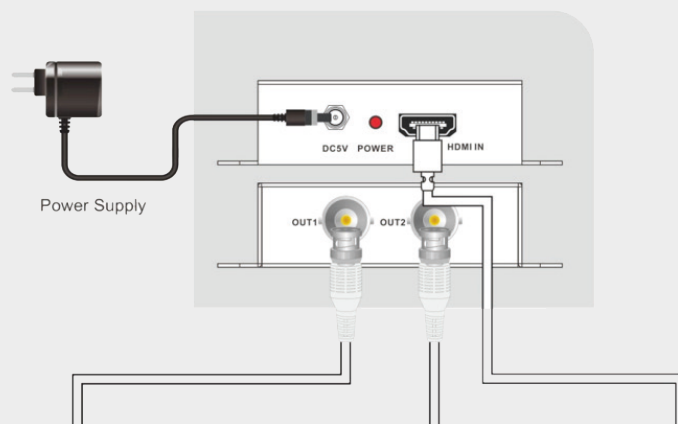
# Specifications

## Product

|                    |                                                                                                |
|--------------------|------------------------------------------------------------------------------------------------|
| Input              | 1x HDMI                                                                                        |
| HDMI Input Formats | HDMI 1.4                                                                                       |
| Output             | 2x BNC SDI/HD SDI/3G SDI                                                                       |
| Output Formats     | SMPTE Standard 425M Level A,B 424M, 292M, 259M Level C                                         |
| Frame Rate         | Max 60 fps                                                                                     |
| Audio              | LPCM 48 kHz                                                                                    |
| Video Resolution   | 480i, 576i, 720p(50/59.94/60)<br>1080i(50/59.94/60)<br>1080p(23.98/24/25/29.97/30/50/59.94/60) |
| Transmission Rate  | 2.970 Gbps                                                                                     |
| Cable Length       | 3G up to 100m<br>HD up to 200m<br>SD up to 300m                                                |

## General specifications

|                       |                               |
|-----------------------|-------------------------------|
| Input voltage         | 5V DC/2A                      |
| Power consumption     | 2.5W                          |
| Power supply          | 5VIA                          |
| Power connector       | EIAJ-3 - Philmore 275 plug    |
| Operating temperature | 0°C ~ 40°C                    |
| Storage temperature   | -20°C ~ 60°C                  |
| Operating humidity    | 20 ~ 90% RH (no condensation) |
| Color                 | Black                         |
| Dimensions product    | 9.5 x 6.0 x 2.5 cm            |
| Weight product        | 260 gr                        |
| Dimensions box        | 22 x 15 x 6 cm                |
| Weight box            | 0.500 kg                      |
| Included              | AV-CV150, PSU 5V2A            |



SDI Monitor



SDI Monitor



HD PTZ Camera

Version 1.0

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