

The Avonic AV-CV160 HDMI to 3G SDI converter allows HDMI signal to be shown on SDI display while ensure high bit rates of 2.970 Gbit/s to give a high resolution signal without any loss. For professionals this means that it is easier to convert HD HDMI signal with audio to 3G SDI for long distance transmission and display an image on two 3G SDI displays now.



Features

- 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
- Support signal transmission distance up to 300M for SD signals, 200M for HD signals and 100M for 3G signals

AV-CV160

HDMI to 3G SDI Converter



Specifications	AV-CV160
HDMI	
SDI	SMPTE Standard 425M Level A,B 424M, 292M, 259M Level C
Transmission Rate	2.970 Gbps
Resolution	480i, 576i, 720p@50/59.94/60 1080i@50/59.94/60 1080p@23.98/24/25/29.97/30/50/59.94/60
Audio Formats	LPCM 46 kHz
Cable Length	3G up to 100m HD up to 200m SD up to 300m
ESD Protection	Human body model – ±8kV (air-gap discharge) & ±4kV (contact discharge)
Input/Output Interface	
IN	1x HDMI
OUT	2x BNC SDI/HD SDI/3G SDI
General specification	
Input Voltage	5V DC/2A
Power Consumption	10 W (max)
Operating Temperature	32 - 104° F / 0 - 40° C
Storage Temperature	-4 - 140° F / -20 - 60° C
Operating Humidity	20 - 90% RH (no condensation)
Dimensions	95mm [W] x 60mm [D] x 25mm [H]
Weight	260g

Connection Diagram

