

SDI to HDMI Converter

Use a standard HDMI screen
instead of a pricey SDI display
for SDI monitoring.



FEATURES

- » Perfect for high-end broadcasting or AV applications.
- » Use a less-costly standard HDMI screen in place of a more-expensive SDI monitor.
- » Handles high bit-rates up to 2.97 Gbps (3G-SDI).
- » Supports 1080p HDMI video with Deep Color depth.
- » Autodetects the SDI data for low-jitter video output.
- » Supports up to eight audio channels.
- » Uses cable equalization and signal retiming for longer cable on the SDI input, allowing up to 1000 feet (304.8 m) of cable.



OVERVIEW

Are you looking for a way to save money and resources using your SDI and HDMI® display devices? Instead of using an expensive SDI display screen for SDI monitoring, the SDI to HDMI Converter (VSC-SDI-HDMI) enables you to use a less-costly standard HDMI screen.

It converts serial digital interface video for output to an HDMI display. The converter supports 3G-SDI (3 Gbps), HD-SDI, and SD-SDI input on coax BNC. So it's ideal for adding an HDMI screen to a high-end broadcasting or AV application.

The converter also has SDI loopout for a local SDI monitor or daisy chaining, and handles higher SDI bit rates of 2.97 Gbps (3G-SDI). It autodetects the SDI video standard on its 75-ohm coax input.

Plus, it supports 1080p HDMI video with Deep Color depth, reclocks SDI data for low-jitter video output, and provides up to eight-channel audio support. It also supports advanced cable equalization to allow up to 1000 ft. (300 m) cable lengths.

And you don't need to configure anything. The converter requires no software or driver installation required.

To save space, you can install the converter on the wall. The converter includes wallmount ears and screws.

What's included

- ◆ Converter
- ◆ AC power adapter
- ◆ Wallmount ears
- ◆ Screws
- ◆ User manual

TECH SPECS

Cable Equalization — 3G-SDI: 300 ft. (100 m); HD-SDI: 500 ft. (150 m); SD-SDI: 1000 ft. (300 m)

SDI Signaling Resolutions Supported —

SMPTE 424M: 3G-SDI 1080p at 50/59.94/60 Hz (4:2:2);
SMPTE 292M, 296M: HD-SDI 720p at 50/59.94/60 Hz, 1080i at
50/59.94/60 Hz, 1080p at 23.98/24/25/29.97/30 Hz;

SMPTE 259M: SD-SDI NTSC 525 at 59.94 Hz, PAL 625 at 50 Hz
SDI Speeds Supported — 270 Mbps, 1.4835 Gbps, 1.485 Gbps,
2.967 Gbps, 2.97 Gbps

SDI Standards Supported — 3G-SDI, HD-SDI, SD-SDI

CE Approval — Yes

RoHS — Yes

Connectors — SDI input: (1) BNC (75-ohm);

Local loopout: (1) BNC (75-ohm);

HDMI output: (1) HDMI F

Indicators — (2) LEDs: (1) Power, (1) Activity

User Controls — (2) external DIP switches for audio formatting and configuration

Power — AC input: 100–240 VAC, 50–60 Hz, 0.8 amps;

Output: 5 VAC, 4 amps;

Consumption: 3 watts (maximum)

Size — 1.2"H x 3.1"W x 3.3"D (0.5 x 7.6 x 8.4 cm)

Weight — 3.7 lb. (1.7 kg)

Item

Code

SDI to HDMI Converter

VSC-SDI-HDMI

You may also need...

Coax WANG Compatible Cable,
6-ft. (1.8-m)

ETN59-0006-BNC

High-Speed HDMI with Ethernet Cable, PVC,
Male/Male, 2-m (6.5-ft.)

EVHDMI06-002M

HDMI to 3G-SDI Converter

VSC-HDMI-SDI

Why Buy From Black Box? Exceptional Value. Exceptional Tech Support. Period.

Recognize any of these situations?

- You wait more than 30 minutes to get through to a vendor's tech support.
- The so-called "tech" can't help you or gives you the wrong answer.
- You don't have a purchase order number and the tech refuses to help you.
- It's 9 p.m. and you need help, but your vendor's tech support line is closed.

According to a survey by *Data Communications* magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn't worth what they paid.

At Black Box, we guarantee the best value and the best support. You can even consult our Technical Support Experts before you buy if you need help selecting just the right component for your application.

Don't waste time and money—call Black Box today.