

MCSDI-1

Applications

Broadcasting
 Corporate and Industrial Production
 Education and Training
 Events and Entertainment
 Government
 Healthcare
 Independent Film
 Postproduction
 Video Production

Small, flexible, and affordable, the MCSDI-1 Portable HD/SD-SDI Media Converter converts HD analog, SD analog, or digital HDMI input signals to HD-SDI or SD-SDI output—with ease.

MCSDI-1 Portable HD/SD-SDI Media Converter

A powerful converter in a portable package, the MCSDI-1 enables you to convert the output from any camera—including prosumer-level cameras—to professional-grade HD-SDI or SD-SDI for outstanding, broadcast-quality video.

Key Features	Benefits
Flexible and Affordable	With its ability to convert SD, HD, or HDMI inputs to SD-SDI or HD-SDI, the MCSDI-1 delivers multiple conversion options in one cost-effective unit.
Portable	With its small footprint, the MCSDI-1 is extremely portable, can be mounted on a camera, and is powered by a 7.2V DC camera battery.
Multiple Input Options	The MCSDI-1 accommodates HD analog, SD analog, and HDMI inputs.
Input Signal Auto Sensing	With built-in auto sensing, no signal-setting is required for video inputs, making the unit very simple to use.
Extends the Usage of Prosumer Cameras	Prosumer-level HD cameras (with analog or HDMI output) can now be used in live studio shoots when combined with the MCSDI-1.
Two-Channel Audio Input	The MCSDI-1 can accommodate two channels of audio input and embed them both in the SDI signal, requiring only one SDI cable for both video and audio transmission.

Technical Specifications

MODEL	MCSDI-1
Video Formats	1080i (50/59.94/60 Hz) and 720p (50/59.94/60 Hz) with auto sensing
Video Inputs	HD component: YPbPr (SMPTE 274); SD component/composite/YC (S-video); HDMI
Video Input Ports	3 x RCA; 1 x 19-pin HDMI
Video Outputs	SD-SDI (SMPTE 259); HD-SDI (SMPTE 292/296)
Audio Input	2-channel (SMPTE 299; SMPTE 272M-A)
Audio Input Ports	2 x RCA
Audio Input Settings	Selector switch
Audio Output	Embedded SDI (SMPTE 299; SMPTE 272M-A)
Analog/Digital Conversion	Video: 10 bits; Audio: 24 bits (48 kHz), 16 bits (48 kHz)
Audio Levels	+4 dB; 0 dB; -8 dB
Power Requirements	7.2–30V DC battery (not included)
Dimensions (h x w x d)	5.25" x 3.75" x 1.125" (133.35 mm x 95.25 mm x 28.575 mm)
Weight	1 lb. (0.45 kg)
Compliance	CE, C-Tick, and FCC
Warranty	2 years

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