

INOGENI CONVERTERS



OVERVIEW

The **INOGENI 3GSDI to USB 3.0 Converter** is the most easy and reliable tool to capture uncompressed SDI video with embedded audio for your PC for recording, editing, videoconferencing and streaming applications. No driver installation is necessary and it will work on all motherboards and USB 3.0 chipsets. It features a 3GSDI input with active loop output and supports SD and HDTV video formats, up to 1080p60. Compact in size and powered directly from a USB 3.0 port, the converter is a practical and easy-to-use USB 3.0 capture solution. It is compatible with Windows, Mac OSX, Linux, and Android operating systems, and is UVC-compliant, so it will work with all DirectShow compatible software

The converter supports 1080p resolutions up to 60 fps. All SD and HD resolution signals are converted to 4:2:2 8-bit color space over USB 3.0. The embedded audio in your SDI signal is extracted and output as two-channel LPCM. A USB 3.0 cable comes included.

- 3GSDI capture to USB 3.0
- Supports 1080p, 1080i, 720p, 480p, 576p, NTSC and PAL at up to 60 fps
- Embedded audio extraction
- Digital Fluid technology - Internal frame buffers maximize frame rate with any PC
- Hardware-based color space and sampling conversion
- Automatic scaling and frame rate conversion
- Customizable video processing functions
- Supports multiple devices on the same PC

- Powered from USB 3.0 port
- Compatible with Windows, Max OSX, Linux, and Android

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SDI2USB3

Input		Output		Compatibility	
Connector	1 x BNC(3GSDI input), 1 x BNC (3GSDI active loop out)	Connector	1 x USB 3.0	Operating System	NO driver installation necessary. Windows 7/8/8.1 (32/64-bit) OSX (10.10 and above) Linux (kernel v2.6.38 and above) Android
Video Resolutions	1080p59.94/60/50 (SMPTE 425M Level A/B), 1080i(SMPTE 274M), 720p(SMPTE 296M), SD(SMPTE 259C)	Color Space	YCbCr (YUY2) 4:2:2 8-bit	Host Requirements	USB 3.0 port
Jitter(alignment)	HD/SD: <0.2 UI 3 Gb/s: <0.4 UI	Video Scaler	Automatic hardware based	Motherboard	Compatible with all motherboards Intel, Renesas, ASMedia, and Fresco Logic
Cable length	150m (492 ft.) at 1.485 Gb/s 120m (393 ft.) at 2.970 Gb/s	Color Space Conversion	Automatic hardware based	Cameras Supported	Cameras and camcorders with an HDMI output
Frame Rates	60, 50, 30, 29.97, 25, 24, 23.98 Hz	Sampling Conversion	Automatic hardware based	Software Compatibility	UVC-compliant Runs with all software compatible to DirectShow, V4L2, QuickTime and AVFoundation..
Color Space	4:2:2	Frame Rate Conversion	Automatic hardware based		
Sampling Rate	148.5/148.35 MHz	Audio	2-channel LPCM audio 48 kHz from SDI		
Embedded Audio	Ch 1&2 48kHz LPCM				

P/N SDI2USB3		
Dimensions & Weight	SDI = 3.2" x 2.9" x 0.75" 139g.	Conformity: DVIUSB: FCC, CE, RoHS, ISO 9001
USB 3Power	5V, 530 mA	
UPC Code	040232250538	
Origin	Canada	
Harmonized Code	8522.90.00	