HDMI to 3G-SDI Converter with Dual SDI Outputs, Re-Clocking & EQ, up to 1080p60

Converts one HDMI source to two SD/HD/3G-SDI BNC outputs, up to 1080p60, with built-in re-clocking

MPN: SDI-HDSDXPRO



The KanexPro SDI-HDSDXPRO converts one HDMI (or DVI) source into two SDI outputs on BNC, for broadcast, post-production and filming. It detects the incoming signal and automatically outputs the matching SD-SDI, HD-SDI or 3G-SDI standard, up to 1080p60 (SMPTE 425M Level A, 4:2:2 10-bit). The second SDI output is a loop output, so you can feed a second device or cascade more SDI units. Built-in re-clocking and equalization let the SDI signal run up to 130 m in 3G mode, 170 m in HD mode and 300 m in SD mode on 75-ohm RG59 coax. It supports 2-channel audio. Conversion is one way only, from HDMI to SDI.

Applications: Perfect for broadcasting from HDMI sources such as HDMI cameras and laptops to SDI displays. Used in surveillance systems, rental & staging facilities, post-production, TV studio, digital cinema, or other A/V applications.

Dual SDI Outputs - Two BNC outputs, one a loop output for a second device or cascading	**Auto Standard Detection - Switches between SD, HD and 3G-SDI automatically**	**Up to 1080p60 - SMPTE 425M Level A, 4:2:2 10-bit**	**Long Cable Runs - Up to 130 m of 3G-SDI on RG59 with re-clocking and EQ**	**Rugged and Compact - Built for mobile broadcasting, with locking power supply**

KEY FEATURES

- Converts one HDMI (or DVI) input to SD-SDI, HD-SDI or 3G-SDI
- Two SDI BNC outputs, the second a loop output for duplication or cascading
- Built-in re-clocking and equalization
- Automatically switches between SD, HD and 3G-SDI standards
- Up to 1080p60, including SMPTE 425M Level A 4:2:2 10-bit
- 3G-SDI up to 130 m, HD-SDI up to 170 m, SD-SDI up to 300 m on RG59
- Supports 2-channel audio
- Compact, ruggedized housing with locking power supply and mounting ears

SPECIFICATIONS

Video Input	1 x HDMI female (DVI/HDMI signal)
Video Output	2 x SDI BNC (SD/HD/3G-SDI), one loop output
Max Resolution	1080p60, SMPTE 425M Level A, 4:2:2 10-bit
Supported Formats	SD 525i/625i; HD 720p, 1080i, 1080p
Audio	2-channel
3G-SDI Distance	Up to 130 m on 75-ohm RG59
HD-SDI Distance	Up to 170 m on 75-ohm RG59
SD-SDI Distance	Up to 300 m on 75-ohm RG59
Signal Conditioning	Re-clocking and equalization
Firmware Update	Micro-USB port
Power	External supply, 7.5V to 15V
Weight	0.33 lbs (150 g)