

SDI to HDMI Converter with Signal EQ & Re-Clocking

Next Gen. Solid SDI to HDMI Converter with Built-in Re-clocking

MPN: SDI-SDHDXPRO



The **KanexPro next generation of SDI to HDMI converters** are designed for connecting your professional SDI video equipment to any HDMI display or consumer based TV's. It accepts SD, HD or 3G-SDI signals and converts it to HDMI maintaining signal integrity of the original image and resolution. The converter also has two SDI loop outputs for sending re-clocked SDI signals and connecting to down-stream equipment.

Applications:

Perfect for surveillance systems, rental & staging facilities, post-production, TV studio, digital cinema, or other A/V applications.

FEATURES

- Get the highest quality 3G-SDI conversion to HDMI
- 2 x SDI Loop outputs
- Integrated Audio de-embedder for 2-channel@20 bit,192 KHz audio
- Automatically switches between SD, HD and 3G-SDI standards
- Supports multiple video resolutions: SDI 525i, 625i
- HD: 720p 24, 25,30,50 & 60 Hz.
- HD: 1080i 50 & 60 Hz.
- HD: 1080p 24, 25,30, 50 & 60 Hz.
- 3G mode length up to 130m
- HD mode length up to: 170m
- SD mode length up to 300m
- Supports conversion to SMPTE 425M Level A 1080p 50/59.94/60 4:2:2 10-bit
- Supports cascading of multiple SDI's in application
- Compact in size, perfect for mobile broadcasting units and users
- Micro-USB Port for firmware update

*Note: RG59 cable is required for SDI transmission, we recommend a 75-ohm high quality coaxial cable.

SPECIFICATIONS

Video Input:

- Input: 1 x SDI
- Input Connector: 1 x BNC
- Input Video Signal: SD/HD/3G SDI

Video Output:

- Output: 1 x HDMI Female
- Output connector: HDMI
- Output Video Signal: SD/HD/3G SDI/DVI/ HDMI

Resolutions (HDTV):

- 1080p,1920 x 1080
- 720p; 1280 x 720
- 1280 x 720, 480i (NTSC mode) 576i Standard PAL mode

Environmental:

- Operating Temperature: 0°C to +70°C
- Operating Humidity: 10% to 85 % RH (no condensation)
- Storage Temperature: -10°C to +80°C
- Storage Humidity: 5% to 90 % RH (no condensation)
- Regulatory Approvals Converter: FCC, CE
- Regulatory Approvals Power Supply: FCC, CE, UL

Mechanical:

- Size: (LWH): 3.14"x1.61"x0.98"
- Weight (net): 0.33 lbs (150g)

Power Requirements:

- External power supply: 5V -12V
- Power consumption: 5 W

Waranty: 1 year parts & labor

Package Contents:

- 3G-SDI to HDMI converter
- 5V DC power supply
- Operation manual