

## 3G/HD-SDI/ SDI to VGA Converter

Perfect for Broadcasting SDI signals to VGA displays

MPN: EXT-SDIVGA



The KanexPro SDI to VGA Converter allows SDI, HD-SDI and 3G-SDI signals to be displayed on a VGA monitor or a projector ensuring high bit-rates up to 3 Gbps for faster signal transmission without loss in broadcasting quality signals. It provides signal re-clocking and equalization for longer length transmission up to 200 meters for HD signals and 300 meters for SD formats.

The SDI converter also features a loop-through SDI output for local monitor support simultaneously. Ideal for use with display equipment such as projectors, plasma TV, and LCD screens.

### FEATURES

- Get the highest quality 3G-SDI conversion to VGA formats
- Equalized and re-clocked loop output
- Conversion from SMPTE 425M Level B to Level A
- Supports multiple VGA output resolutions:
  - SDI: 800x600, 1024x768
  - PC: 1280x720, 1440x900
  - PC: 1280x1024, 1680x1050
  - HD: 1600x1200, 1920x1080 & 1920x1200
- Simultaneous display with SDI /VGA signals
- Alternative audio output to analog 2CH stereo
- Data rates up to 3 Gbps
- SDI Input cable length support - up to 300m
- HD mode length up to: 200m
- Capable of cascading to multiple units
- Automatic detection of SD, HD and 3 Gb/s SDI standards
- Compact in size, perfect for mobile broadcasting units

### SPECIFICATIONS

#### Video Input:

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

#### Video & Audio Output:

Output: 1 x SDI, 1 x VGA  
Output Connector: 1 x BNC, 15-Pin HD  
Output Video Signal: SD/HD/3G SDI/DVI/ HDMI  
Output Audio: 1 x 3.5mm stereo connection

#### SMPTE Standards supported:

425M Level A&B, 424M, 292M, 259M-C

#### SDI Transmission Rates:

Up to 3.0 Gbps & 2.97 Gbps  
SDI Input / Output resolutions:  
SD: 480i@60, 576i@50  
HD: 720p@50/60, 1080i@50/60  
3G: 1080p@24/25/29.97/30/50/59.94/60

#### VGA Output resolutions:

SDI: 800x600, 1024x768  
PC: 1280x720, 1440x900  
PC: 1280x1024, 1680x1050  
HD: 1600x1200, 1920x1080 & 1920x1200

#### 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, UL  
Regulatory Approvals Power Supply: FCC, CE, UL

#### Units:

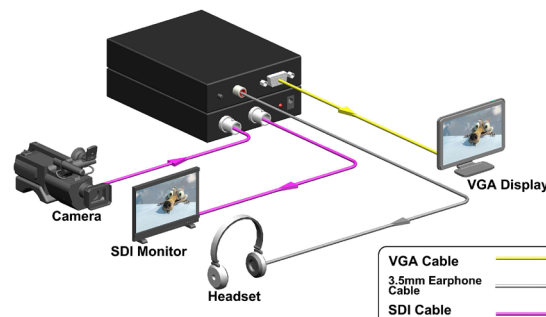
Size: (LWH): 3.5"x2.36"x0.98"  
Weight (net): 0.57lbs (260g)

#### Power Requirements:

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

#### Warranty:

1 year parts & labor  
Package Contents:  
3G SDI to VGA Converter  
5V DC Power Supply Adaptor  
Operation Manual



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

### ABOUT KANEXPRO

KanexPro carries a broad selection of AV connectivity products by leveraging the core strength in professional systems enabling you to broadcast, convert, extend, split, or multiply HD signal transmissions; simply and cost-effectively. KanexPro is a trademark. HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing, LLC in the United States and/or other countries. All other product or service names are the property of their respective owners.