

3G/HD-SDI 1x4 Splitter

Distribute 1 SDI Signal
to 4 SDI Monitors

MPN: SP-SDIX4

The **KanexPro 1x4 SDI** unit can split, re-clock, and amplify SDI source video to 4 SDI outputs providing full HD 1080p resolution to up to 4 displays simultaneously for faster broadcasting and production.

The splitter accepts one SDI input from the SD-SDI, HD-SDI, or 3G-SDI video source such as VTR, SDI recorders and other sources. After replicating the signal perfectly, it automatically deploys cable equalization to simultaneously transmit SDI signals as far as 1000 feet (300 m) over 4 x BNC coax runs to 4 monitors. For HD-SDI video, the splitter goes up to 500 feet (150 m) and for 3G-SDI video, up to 328 feet (100 m).

Applications:

Ideally used with SDI based surveillance systems, rental & staging facilities, post-production, TV studio, digital cinema, or other A/V applications where you need to split and extend from a camera or other device equipped with 3G/HD/SD-SDI outputs to 4 SDI-compliant displays or video processors.



FEATURES

- Get the highest quality 3G SDI distribution to 4 SDI monitors
- Outputs video on 4 separate buffered and re-clocked BNC ports.
- Built-in equalizer for I/O drive at long distances up to 300 meters
- Supports embedded audio
- 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: 1080p 50/60Hz.
- Compatible with HDcctv 1.0, HD-SDI (ST 292), 3G-SDI (ST 424) and SD-SDI (ST 259)
- Supports Multiple Color Space: RGB or YCbCr 4:4:4 sampling

SPECIFICATIONS

Video Input

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

Video Output

- Output: 4 x SDI BNC female
- Output Connector: 4 xBNCs
- Output Video Signal: SD/HD/3G SDI
- Bandwidth: 3 Gbps

Resolutions (HDTV)

- 1080p,1920x1080@60Hz
- 720p; 1280x720@60Hz
- 1280x720, 480I (NTSC mode) 576i Standard PAL mode

Support line length (when used with RG6)

3G(1080p 60Hz) Mode:

- Input up to 328 feet (100m)
- Output: up to 295 feet (90m)

HD (1080i/720p60Hz) Mode:

- Input up to 722 feet (220m)
- Output up to 590 feet (180m)

SD (480i) Mode:

- Input up to 1000 feet (300m)
- Output up to 918 feet (280m)

Electrical protection

Power reverse polarity protection: Yes
Power Overvoltage protection: Yes, but voltage must <28V
ESD protect: Contact Discharge at 8KV,

Air Discharge at 15KV

Enviromental

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 Splitter: FCC, CE, UL
Regulatory Approvals for Power Supply: FCC, CE, UL

Mechanical

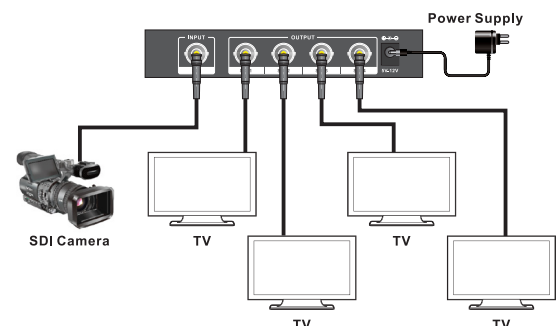
- Size: (WDH): W 70 x D x 145 x H 25 (mm)
- Weight (net): 350g

Power Requirements

- External power supply: 5VDC@1A
- Supports 5-12V wide voltage input
- Power consumption: 1.8 W max

Warranty

3 year parts & labor



ABOUT KANEXPRO

KanexPro carries a broad selection of A/V 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.