VS146

6-Port 3G-SDI Splitter

The VS146 6-Port 3G/HD/SD-SDI Splitter receives one SDI input and retransmits the signal to six SDI outputs for real time viewing across multiple displays. It provides automatic cable equalization and distributes the SD-SDI signal over 300 meters. The VS146 has the ability to re-clock SDI signals for cascading and thus provide even longer transmissions. It's particularly ideal for surveillance systems,TV studio, digital cinema, or any AV application where you need to split signals from a camera or other device equipped with 3G/HD/SD-SDI outputs to six SDI-compliant displays or video processors.

Features

- One video inputs to 6 video outputs
- Supports an SDI distance of up to 90M (3G-SDI), 150M (HD-SDI) or 300M (SD-SDI) of RG6
- Reclocking SDI signals for cascading and thus longer transmission
- Supported SDI formats:
  - SD-SDI (SMPTE 259M, up to 270Mbps)
  - HD-SDI (SMPTE 292M, 296M up to 1.485 Gbps)
  - 3G-SDI (SMPTE 424M, 425M level A,B up to 2.97 Gbps)
- Video bandwidth: 2.97Gpbs, 2.97/1.001Gbps
- Features automatic detection of 3G/HD/SD-SDI signals
- LED indication of power status and SDI signal
- Locking power connector for secure communications
- Passes all ancillary data

Specifications

Video Input	
Interfaces	1 x BNC (Gold)
Impedance	75 Ω
Max. Distance	1.8 m
Video Output	
Interfaces	6 x BNC (Gold)
Impedance	75 Ω
Video	
Max. Data Rate	2.97 Gbps
Supported Resolutions	NTSC@59.96 Hz, PAL@50 Hz 720p@50/59.94/60 Hz 1080i@50/59.94/60 Hz 1080p@23.97/24/25/29.97/30/50/59.94/60 Hz
Max. Distance	90 m (3G-SDI); 150 m (HD-SDI); 300 m (SD-SDI)
Connectors	
Power	1 x DC Jack
Power Consumption	DC5V:3.09WBTU
Environmental	
Operating Temperature	0-40°C
Storage Temperature	-20 - 60°C
Humidity	20 - 90% RH, Non-Condensing
Physical Properties	
Housing	Metal
Weight	0.32 kg (0.7 lb)
Dimensions (L x W x H)	10.80 x 13.90 x 2.80 cm (4.25 x 5.47 x 1.1 in.)
Carton Lot	5 pcs
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram

VS146 (Front View)   VS146 (Rear View)