

8

3G-SDI

2

Audio

Data

Contact
Closure

2

Ethernet

8-Channel 3G-SDI (or 4 Duplex) + 2 Duplex Balanced Audio + 2 x Gigabit Ethernet



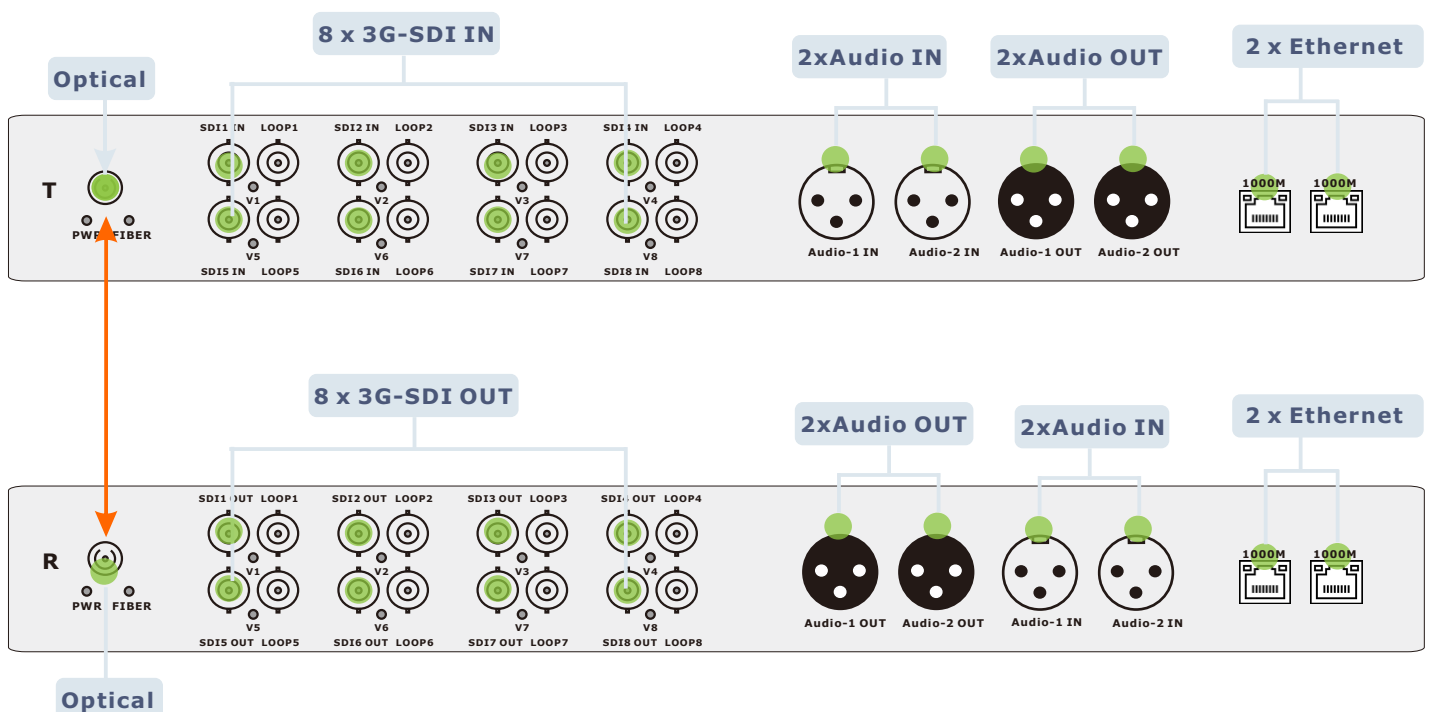
System Design

VOS-8H3G-BLA2ET/R provides 8-Channel 3G-SDI (or 4 Duplex 3G-SDI) and 2 duplex balanced audio, and 2-Channel Gigabit Ethernet.

Features

- Multi-channel 3G-SDI transmission over one core fiber with CWDM
- Support SMPTE 424M / 292M / 259M or DVB-ASI compliant
- Automatic detection and re-clocking of 3G, 1.5G, 270M SDI data rates
- Supports embedded digital audio stream
- Coax inputs are equalized (EQ), Coax outputs are with driving function (CD)
- LED Status Provide Rapid Indication of Operating Parameters
- No EMI or RFI and no ground loops
- 19inch 1U Rack

Panel & Configuration



3G-SDI Fiber Optic Extender

Ordering Information

Part Number	Description
VOS-8H3G-BLA2ET/R	8-Channel 3G-SDI + 2 Duplex Balanced Audio + 2 x 1000M Ethernet
VOS-4H3GR4-BLA2ET/R	4-Channel 3G-SDI + 4 Return 3G-SDI (4 Duplex 3G-SDI) + 2 Duplex Balanced Audio + 2 x 1000M Ethernet

Specification

• Video	• Audio
Number of Channels: 8-Channel 3G-SDI (or 4 Duplex 3G-SDI) Connector: 75 Ohm BNC (Gold Center Pin) Data Rate: 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.967 Gbps, 2.970 Gbps, - Auto Select Standards: SMPTE 424M (3G-SDI), SMPTE 292M (HD-SDI), SMPTE 259M (SD-SDI) Max Resolution: 1080p @ 60Hz	Number of Channels: 2-Channel Duplex Audio Connector: XLR Male/Female Audio input/output Level: +4dBu nominal Audio Type: Balanced, Line Level or Mic Audio in/output impedance: 600Ω Frequency Response : 20Hz ~ 20KHz Signal-to-Noise Ratio(SNR): > 90 dB Distortion: <0.05%
• Data *	• Ethernet
	Number of Channels: 2-Channel Data Rate: 1000 Mbps Connector: RJ-45, Auto MDI/MDI-X
• Tally *	• Optical
	Connector: ST, FC or LC optional Fiber Type: Single-Mode 20km Wavelengths: 1310-1610nm Tx Output Power: >-6dB Receiver Sensitivity: >-14dB
	• Electrical & Mechanical
	Power Adapter: AC100V~240V (Built-in) Power Consumption: <30W 19inch 1U Rack: 445mm x 220mm x 44.5mm Shipping Weight: 6.0kg (include TX & RX)
	• Electrical & Mechanical
	Operating Temperature: -20°C ~+75°C Storage Temperature: -40°C~+85°C Relative Humidity: 0%~95% (non-condensing) MTBF: >100,000 hours