

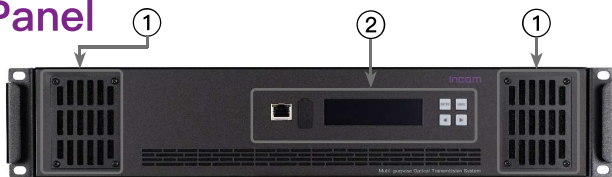
VST-4400 Series Fiber Optical Solution

The ProOptic series is a diversified and versatile optical signal solution. It supports 12 channels of 12G-SDI, 4 bidirectional audio, 1 Independent Sync, 2 RS-422 serial data, 4 Gigabit Ethernet, 4 GPIO, etc. ProOptic series achieves signal extension unit via SMPTE hybrid cables, which can be widely used in applications such as Venue Production and Sports Broadcasting.

Feature

- 2 RU size chassis with AC power supply, dual redundant AC power supply as option
- Support SMPTE 304M connector/ LC connector with options including SC, FC, ST standard connectors
- Compatible with common single-mode fiber, typical transmission distance up to 10 km, optional 80km distance module
- Independent video transmission channels with re-clocking and cable equalization, all input/output processing passed Pathological test
- Built-in bidirectional CWDM, support third-party optical transmission equipment (specified wavelength)
- Adhere to analog line standards and supports 4-wire intercom, supports Mic/Line audio signals and +48VDC Phantom power

Panel

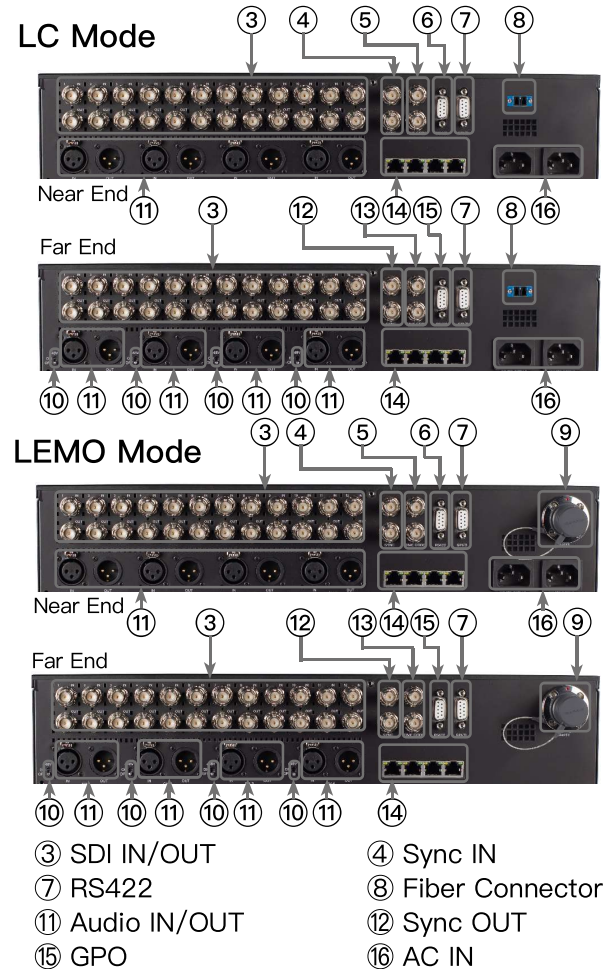


- ① Fan
- ② Screen
- ⑤ TC IN
- ⑥ GPI
- ⑨ SMPTE Connector
- ⑩ Power Switch
- ⑬ TC OUT
- ⑭ 4x1G Ethernet

4K8K



Connector



Technical Specifications

Dimension 446*88.5*340mm	Weight appr. 5.5kg	Power Consumption AC 100-240V	Operating Temperature 0°C to +40°C	Operating Humidity 20% to 80%
Ethernet RJ45(X4), 4000BASE-TX	Serial Data DB9	Sync BNC (X2)	GPIO DB9	Fiber Connector LC (x2)
Video 12G-SDI 3G-SDI	Connectors BNC (x24MAX)	Signal Format SMPTE ST 2082-1/2081-1 SMPTE 424M/292M/259M	Impedance 75Ω />4dB 75Ω />10dB	Cable Equalization 50m, Belden 4794R 100m, Belden 1694A
Video 12G-SDI 3G-SDI	Amplitude 800mV	DC Offset ±4mV	Rising/Falling Time 38ps/37ps 56ps/ 52ps	Jitter Timing/Align 0.58UI/0.10UI 0.12UI/0.05UI