

VST-4400 Series

Versatile Optical Signal Solution

The VST-4400 series is a diversified and versatile optical signal solution. It supports 8 channels of 12G-SDI, 4 bidirectional audio, 2 Independent Sync, 8 RS-422 serial data, 2 Gigabit Ethernet, 8 GPIO, etc. VST-4400 series achieves signal extension and power supply to remote unit via SMPTE hybrid cables, which can be widely used in applications such as Venue Production and Sports Broadcasting.

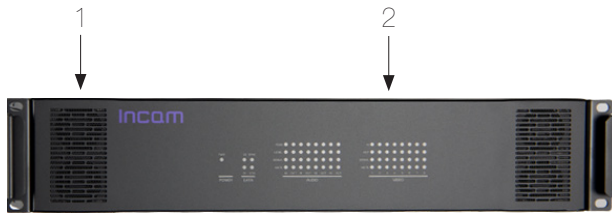
4K 8K



Feature

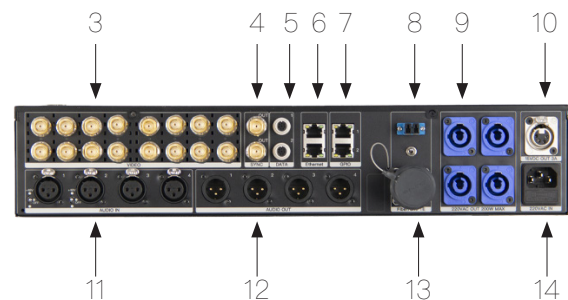
- 2 RU size chassis with AC power supply, dual redundant AC power supply as option
- Compatible with common single-mode fiber, typical transmission distance up to 10 km, optional 80km distance module
- Independent video transmission channels with re-clocking and cable equalization, all input/output processing passed Pathological test
- Supply power to remote device up to 1 km via SMPTE Hybrid cable
- Built-in bidirectional CWDM, support third-party optical transmission equipment (specified wavelength)
- Support SMPTE 304M connector/ LC connector with options including SC, FC, ST standard connectors
- Adhere to analog line standards and supports 4-wire intercom with data
- Available with 8 channel panels and 8 channel matrices, and compatible with Clear-COM, RTS/Telex standards

Panel



- 1) Fan
- 2) Lighting
- 5) Serial Data
- 6) Ethernet
- 9) AC Out
- 10) DCOut
- 13)SMPTE Connector
- 14)AC In

Connector



- 3)SDI In/Out
- 4)Sync
- 7) GPIO
- 8)Fiber Connector
- 11) Audio Out
- 12)Audio In

Technical Specifications

Dimension	Weight	Power Consumption	Operating Temperature	Operating Humidity
218*45*273mm	约 2.3 公斤	AC 100-240V	0°C to +40°C	20% to 80%

Ethernet	Serial Data	Sync	GPIO	Fiber Connector
RJ45(X2) ,1000BASE-TX	8 芯 (x2)	BNC (X2)	RJ45 (X2)	LC (x2)

Video	Connectors	Signal Format	Impedance	Cable Equalization
12G-SDI	BNC (x16)	SMPTE ST 2082-1/2081-1	75Ω />4dB	50 米, Belden 4794R
3G-SDI		SMPTE 424M/292M/259M	75Ω />10dB	100 米, Belden 1694A

Video	Amplitude	DC Offset	Rising/Falling Time	Jitter Timing/Align
12G-SDI	800mV	±4mV	38ps/37ps	0.58UI/0.10UI
3G-SDI			56ps/ 52ps	0.12UI/0.05UI