

StandOptic Series

High-Density Multi-Channel Optical Transmission

The StandOptic series is a full-featured, easy-to-operate optical signal solution, which can support 12 channels of 12G-SDI with loop out and 2 independent Gigabit Ethernet.

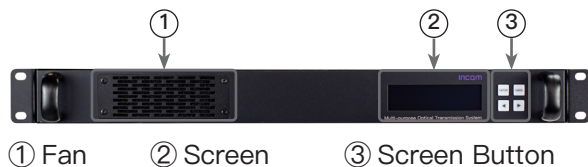
It is equipped with a high-visibility OLED screen and buttons to display the operating status of each signal, providing a reference for safe broadcasting. With long distance transmission via single-mode optical fibre, it can be widely used in programme production sites, TV transmission centres and OB Van.



Feature

- 19 Inch 1RU Rack Frame with redundant power supply
- Comprehensive front panel status indicators: Video/Data/Status
- Pre-configured 12 channels of SDI, 12G/6G/3G/HD compatible
- Independent video transmission with re-clocking and cable equalization, all input/output processing passed Pathological test
- Versatile interface with ETH, RS-422, and GPIO – available in three models.
- Compatible with common single-mode fiber, typical transmission distance up to 10km
- Optional SMPTE connection with power supply up to 1km

Panel



① Fan ② Screen ③ Screen Button

Model Instructions

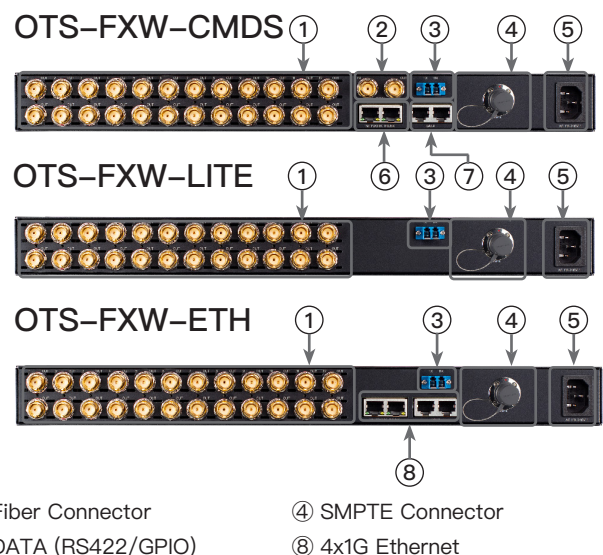
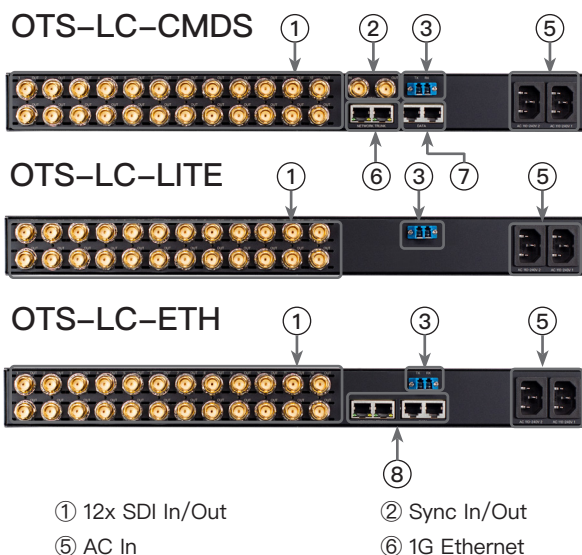
OTS – LC – CMDS – V 12 00

① ② ③ ④ ⑤

- ① Model Type: StandOptic series
- ② Options: LC: Single-mode fiber
FXW: SMPTE connection at OB side
EDW: SMPTE connection at CAM side
- ③ Options: LITE – Only SDI / ETH – Includes network
CMDS – Includes network, sync, RS-422
- ④ Number of input channel: 0 to 12
- ⑤ Number of output channel: 12 to 0

The total number of input and output is not more than 12

Interface



Technical Specification

Dimension	Weight	Power	Operating Temperature	Operating Humidity
490*320*45mm	appr.2.4kg	AC 100–240V	0°C to +40°C	20% to 80%
Ethernet		Fiber Connector		
RJ45(X2) ,1000BASE-TX/RJ45(X4) ,4000BASE-TX		LC (x2)		
Video	Connectors	Signal Format	Impedance	Cable Equalization
12G-SDI	BNC (x24)	SMPTE ST 2082-1/2081-1	75Ω />4dB	50m, Belden 4794R
3G-SDI		SMPTE 424M/292M/259M	75Ω />10dB	100m, 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