

AVMATRIX[®]

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Model NO.: **SD1191**

1x9 3G-SDI DISTRIBUTION AMPLIFIER

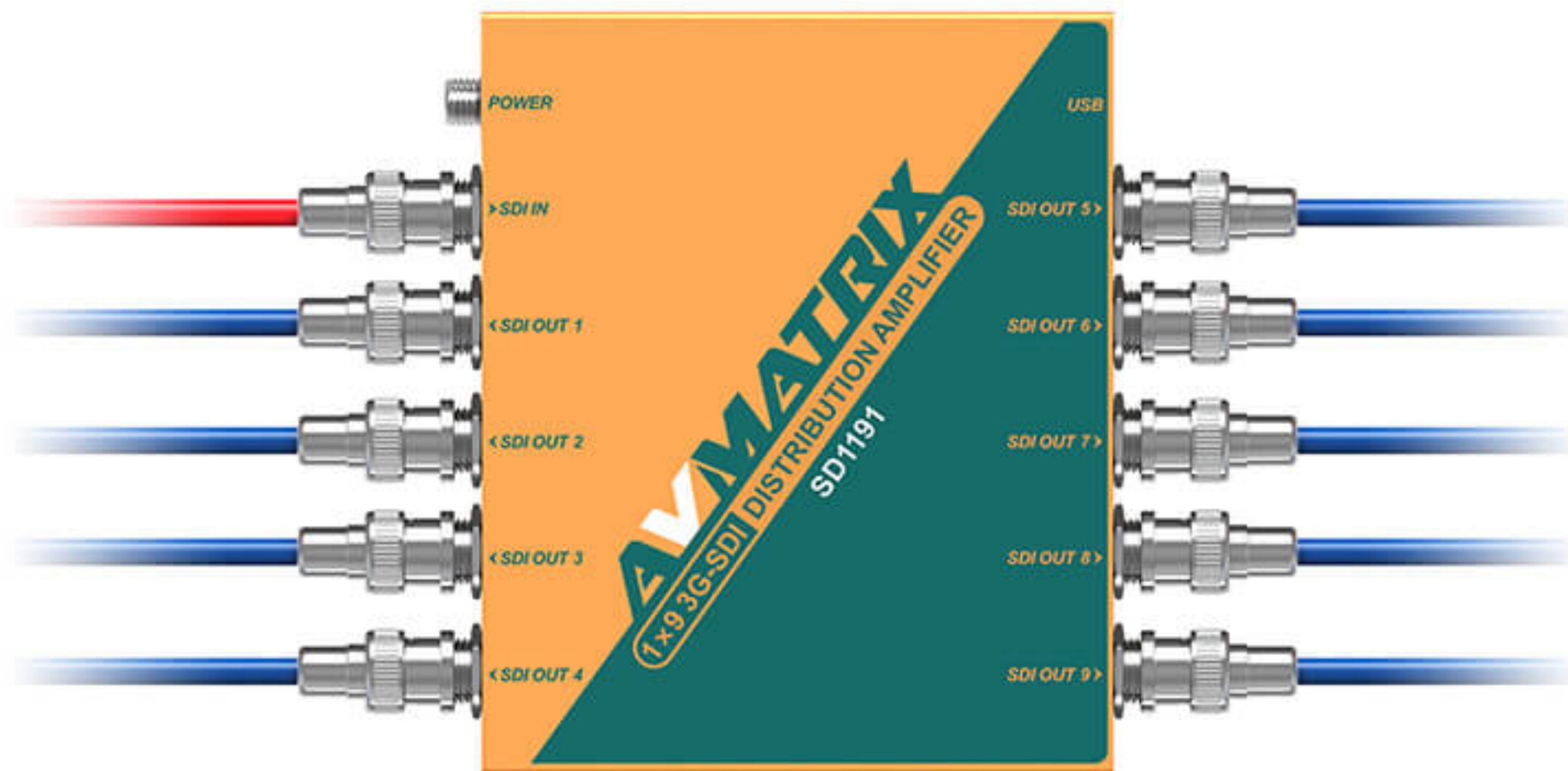
- ▶ 3G/HD/SD-SDI multi-rate signal processing
- ▶ Automatic cable equalization and signal retiming
- ▶ 9 buffered and re-clocked outputs
- ▶ support DVB-ASI signal
- ▶ All ancillary data is passed to the outputs
- ▶ LED indicators for power and signal lock
- ▶ Threaded locking power connector
- ▶ Detachable bracket design for wall mounting

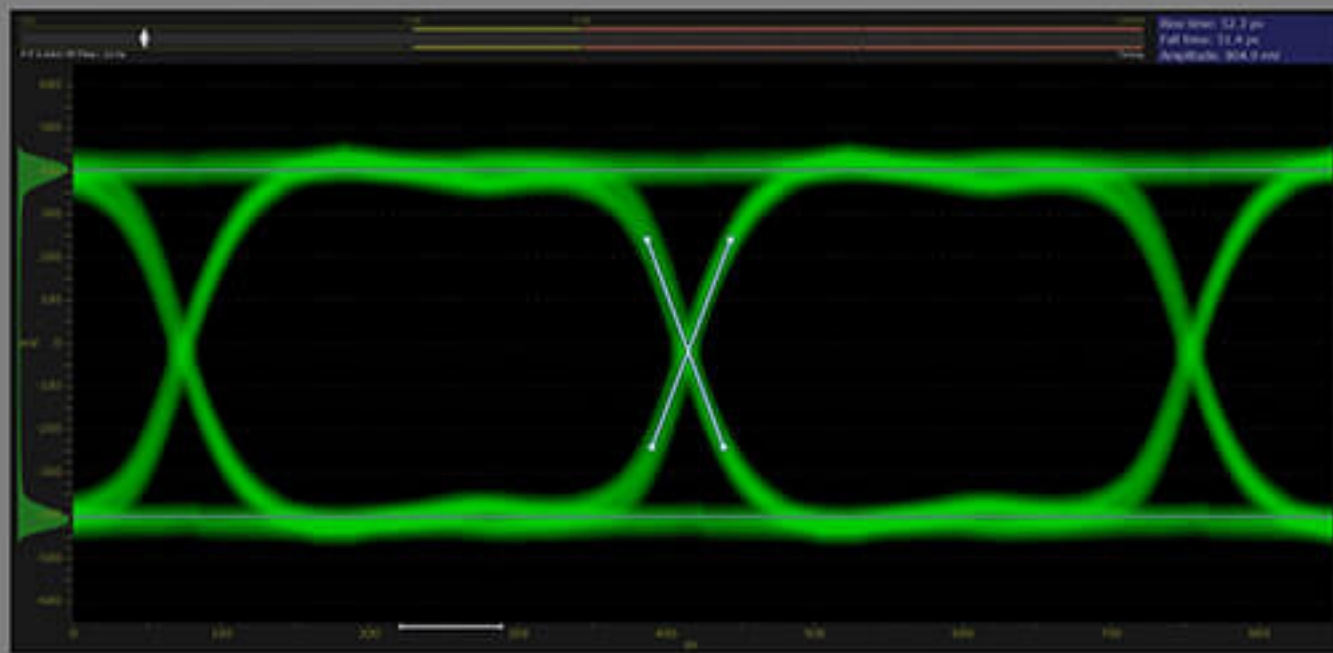
1×3G-SDI **INPUT** 

9×3G-SDI **OUTPUT** 

1×9 Distribution

SD1191 is a compact, one input, nine output distribution amplifier for SDI and multi-rate SDI video signals up to 1080P 60hz(2.97 Gbps). Outputs support DVB-ASI signal.





120m SDI Re-clocking

SD1191 include built-in SDI re-clocking and equalization. They will regenerate the SDI video input, reduce SDI jitter and improve SDI eye pattern before the signal gets to the converter's processing.

This allows longer cable lengths(3G: 120m, HD: 200m, SD: 400m).



DC 12V SDI in SDI out 1 SDI out 2 SDI out 3 SDI out 4



SDI out 9 SDI out 8 SDI out 7 SDI out 6 SDI out 5 Mirco USB



Bracket

125.5cm

24.5cm

104cm

Technical specification

CONNECTIONS	Input	SD/HD/3G-SDI/DVB-ASI ×1
	Output	SD/HD/3G-SDI/DVB-ASI ×9
FORMATS	SDI Input Format Support	1080p 60/59.94/50/30/29.97/25/24/23.98 1080PsF 30/29.97/25/24/23.98 1080i 60/59.94/50 720p 60/59.94/50/30/29.97/25/24/23.98 625i 50, 525i 59.94
	SDI Video Rate	SD/HD/3G-SDI
	SDI Compliance	SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 372M SMPTE 424M, SMPTE 425M Level A and B
	ASI Compliance	DVB-ASI
	SDI Color Space and Precision	RGB 4:4:4 10bit/12bit, YUV 4:2:2/4:4:4 10bit/12bit
	SDI Auto Switching	Auto selects SD, HD and 3G-SDI on input
	POWER	Power Connector
Voltage Range		DC 5~17V
Power Consumption		1W
ENVIRONMENT	Operating Temperature	-20°C~60°C
	Storage Temperature	-30°C~70°C
	Relative Humidity	0%~90% non-condensing
SIZE	Size	125.5×104×24.5mm
	Weight	600g
PACKING	What's included	SD1191 (1×9 3G-SDI Reclocking Distribution Amplifier) 12V Special Power Adapters × 1
WARRANTY	Warranty	3 year limited warranty