

## Model NO: SD1141 1x4 3G-SDI DISTRIBUTION AMPLIFIER

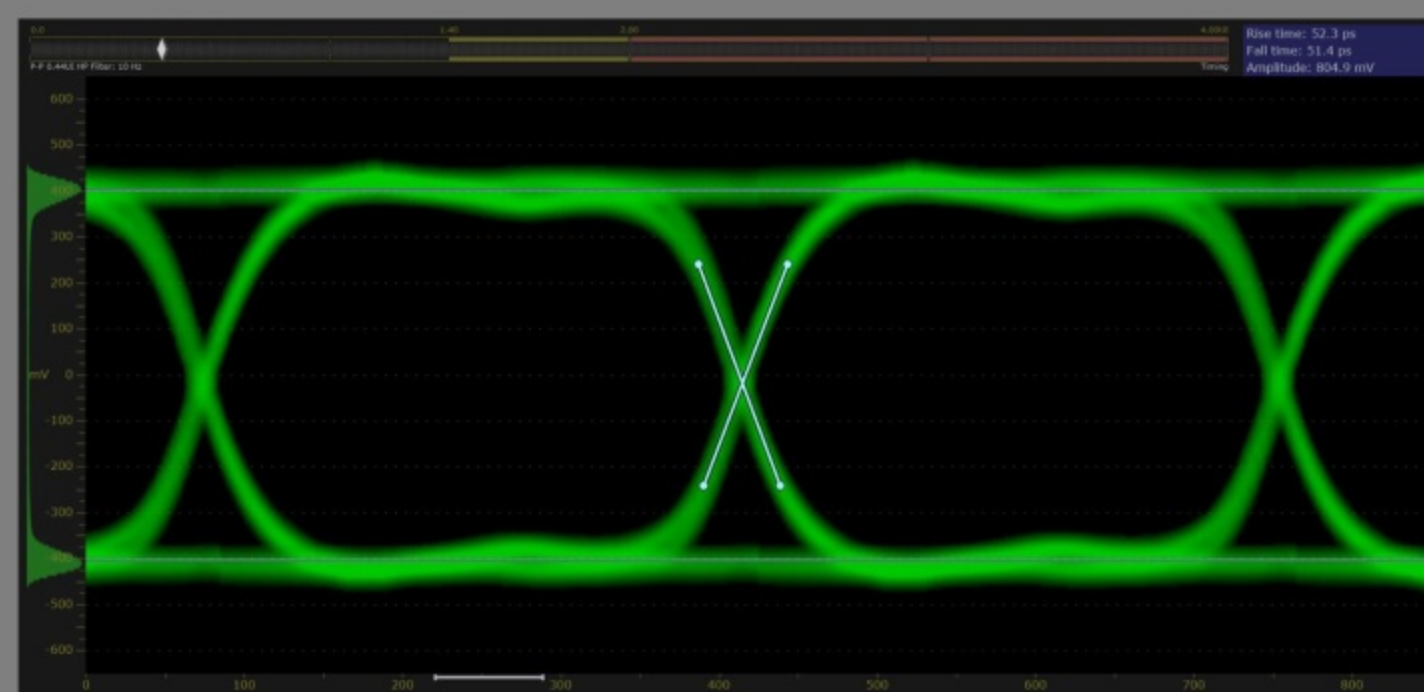
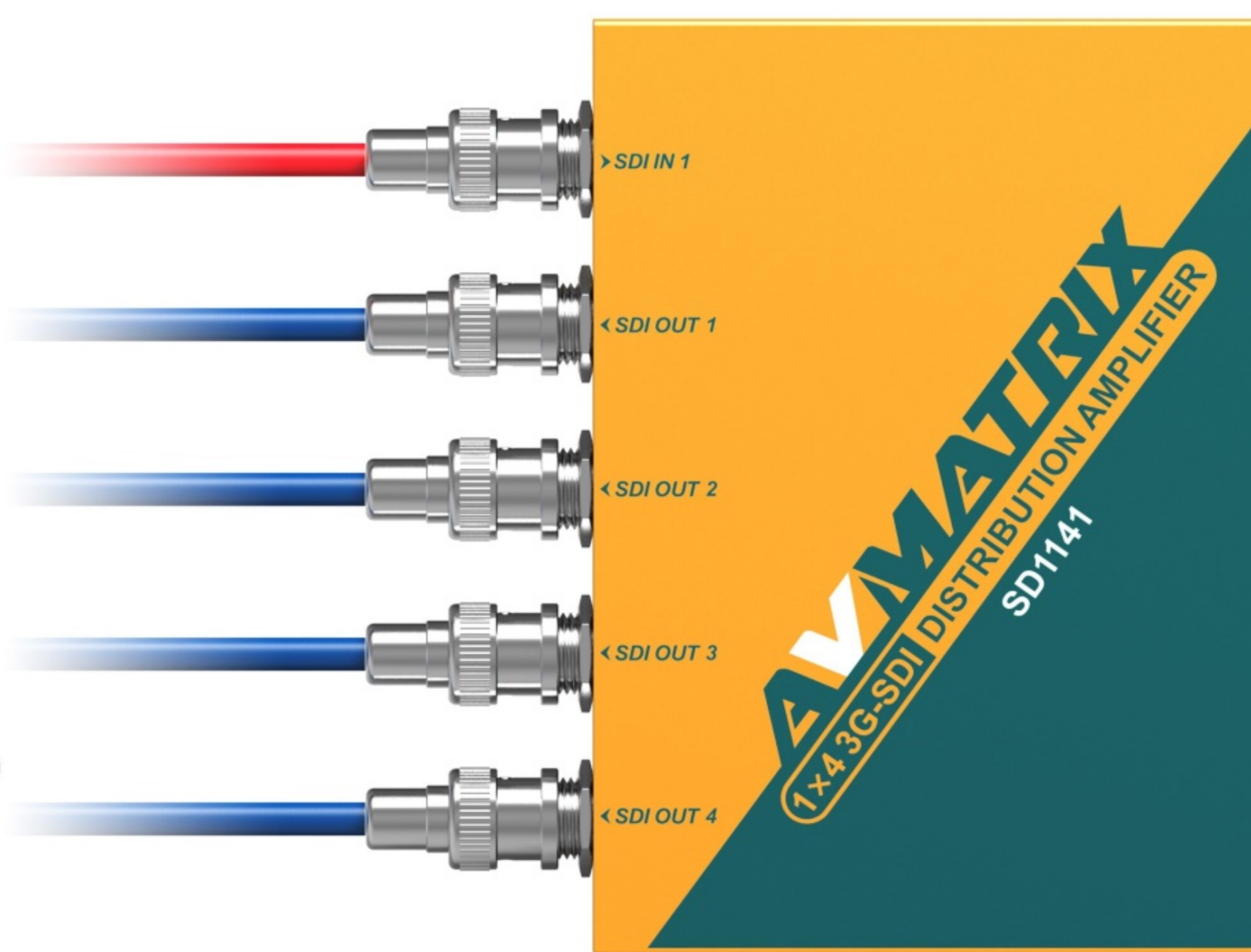
- ▶ Automatically detects SD, HD and 3G-SDI
- ▶ 4 buffered and re-clocked outputs
- ▶ 3G/HD/SD-SDI multi-rate signal processing
- ▶ Output 2 & 4 support DVB-ASI signal
- ▶ Automatic cable equalization and signal retiming
- ▶ Pass all ancillary data and embedded audio
- ▶ Micro USB and DC power
- ▶ Detachable bracket design for wall mounting

**1x3G-SDI INPUT**

**4x3G-SDI OUTPUT**

### 1x4 Distribution

SD1141 is a compact, one input, four output distribution amplifier for SDI and multi-rate SDI video signals up to 1080P 60hz(2.97 Gbps). Output 2 & output 4 support DVB-ASI signal.

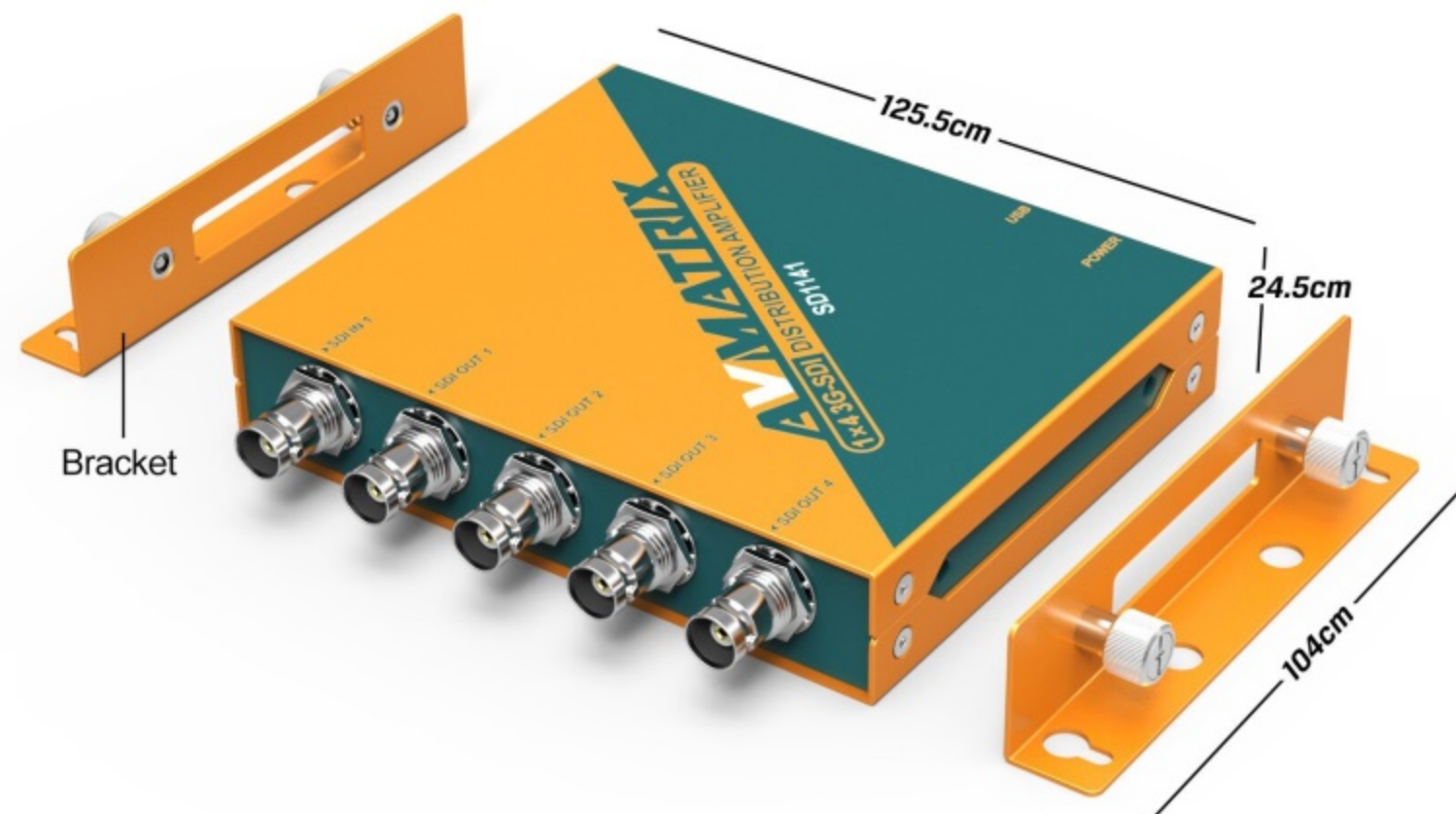
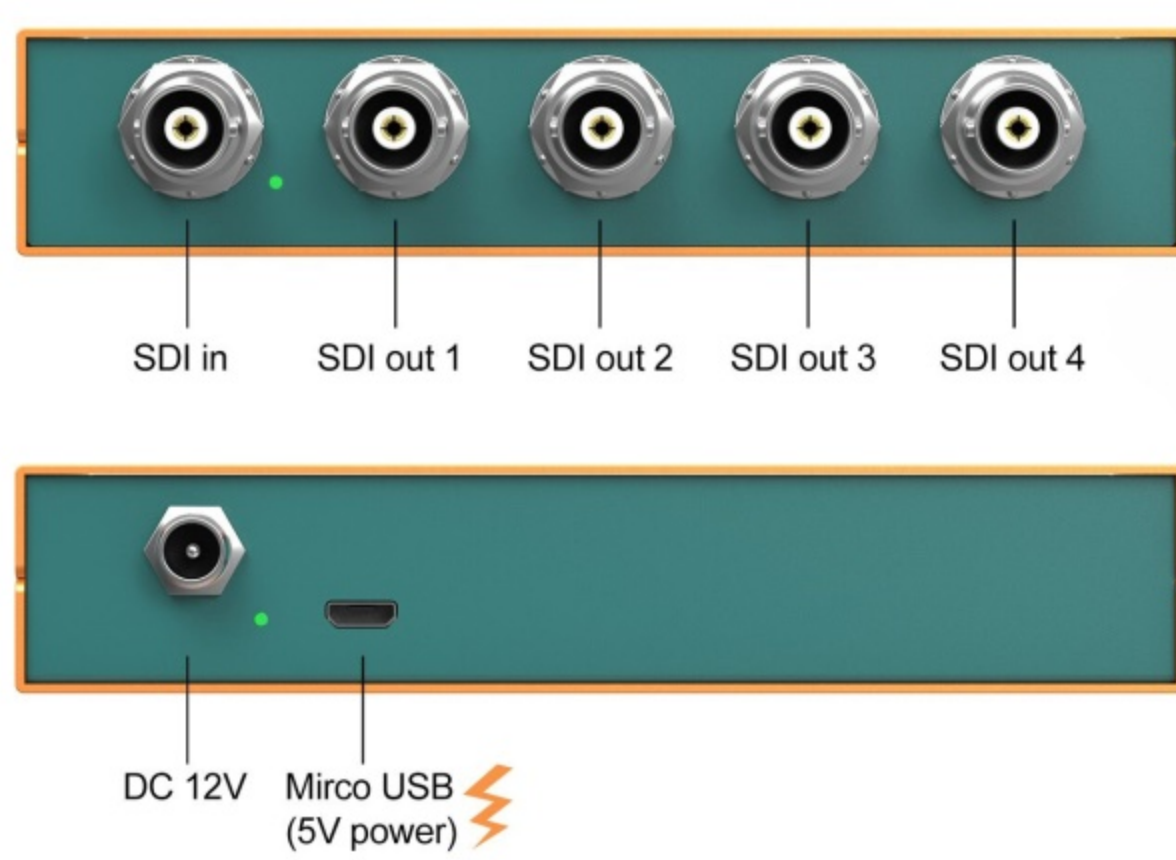
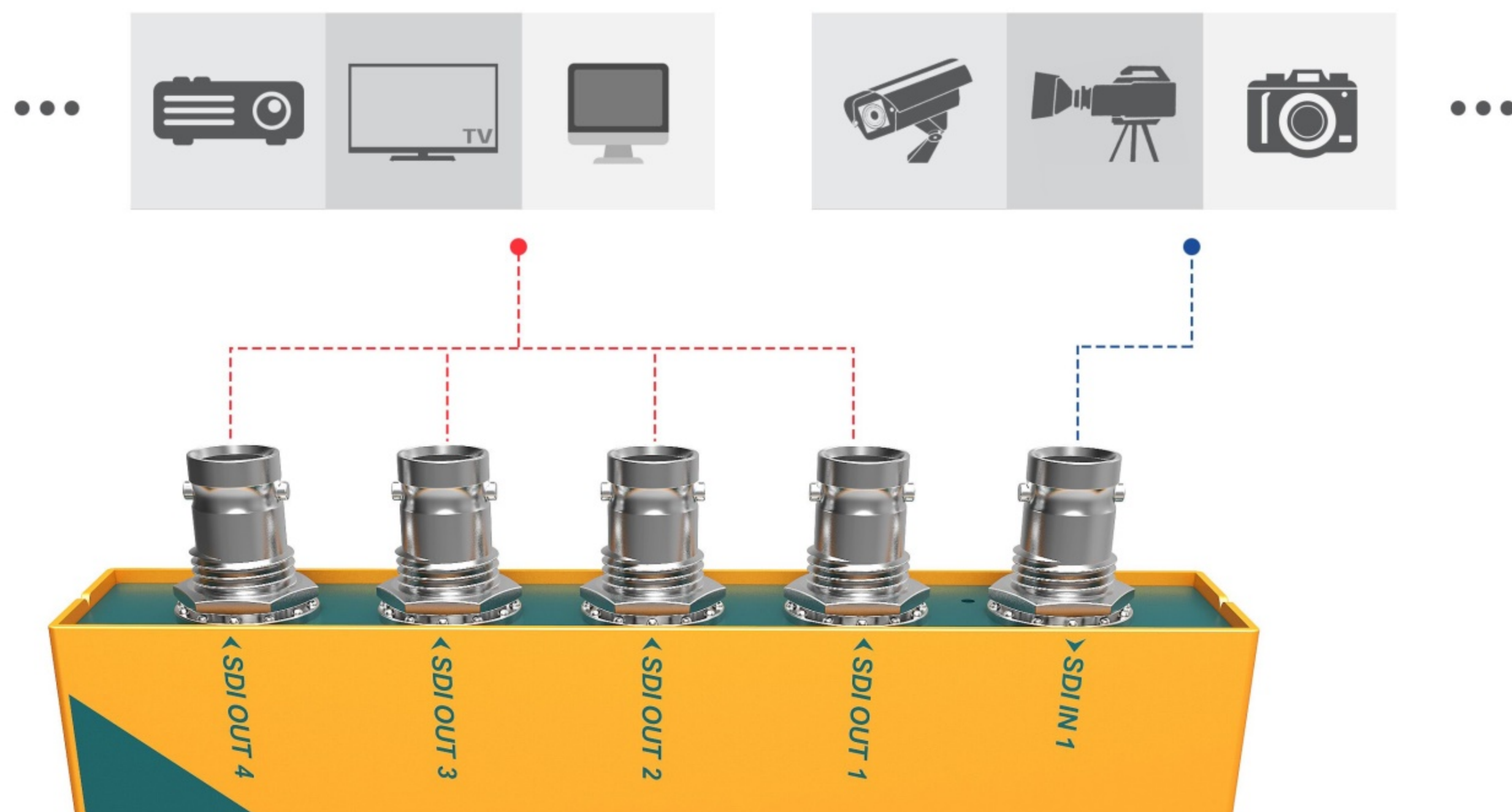


## 120m SDI Re-clocking

SD1141 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).

## Widespread Application

SD1141 is ideal for use in broadcast and video production facilities, command and control centers, medical imaging facilities, rental and staging, and other applications.



## Technical specification

<b>CONNECTIONS</b>	Input	SD/HD/3G-SDI ×1
	Output	SD/HD/3G-SDI ×4 (output 2 & 4 support DVB-ASI)
<b>FORMATS</b>	<b>SDI Input Format Support</b>	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 DVB-ASI
	ASI Compliance	RGB 4:4:4 10bit/12bit, YUV 4:2:2/4:4:4 10bit/12bit, XYZ 4:4:4 12bit
	SDI Color Space and Precision	Auto selects SD, HD and 3G-SDI on input
	SDI Auto Switching	Micro USB, Threaded locking connector
	Power Connector	USB 5V, DC 5~17V
<b>POWER</b>	Voltage Range	1W
	Power Consumption	-20°C~60°C
<b>ENVIRONMENT</b>	Operating Temperature	-30°C~70°C
	Storage Temperature	0%~90% non-condensing
	Relative Humidity	125.5×104×24.5mm
<b>SIZE</b>	Size	512g
<b>PACKING</b>	Weight	SD1141 (1x4 3G-SDI reclocking distribution amplifier)
	What's included	power adapter, brackets
<b>WARRANTY</b>	Warranty	3 year limited warranty

