



# SD1141

Model NO:

## 1x4 3G-SDI DISTRIBUTION AMPLIFIER

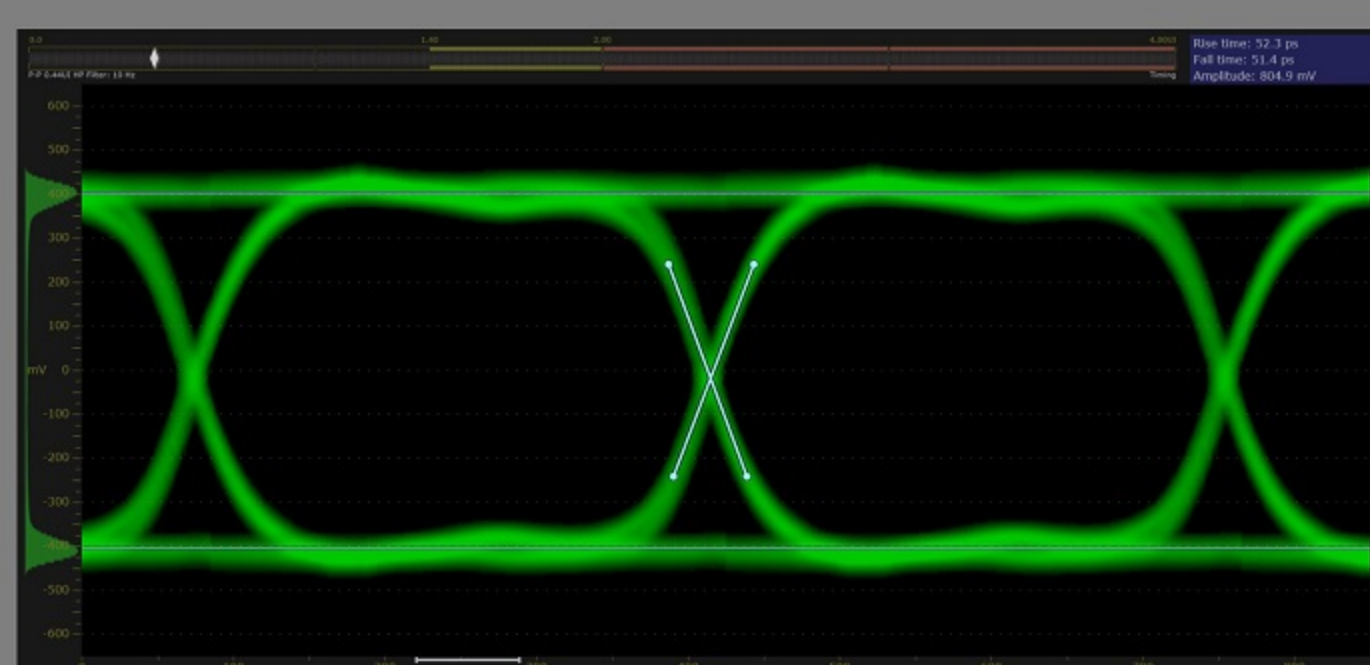
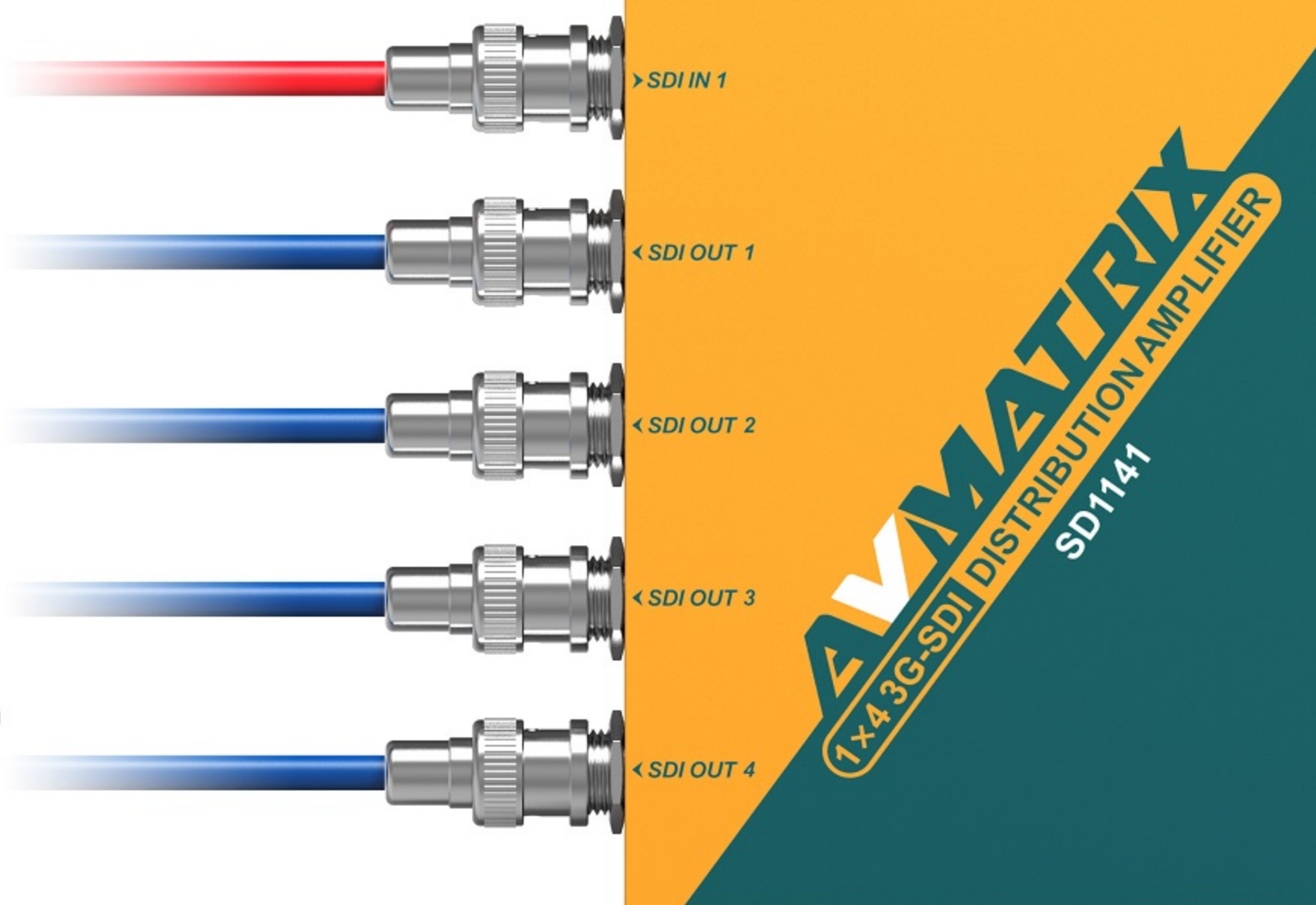
- ▶ 3G/HD/SD-SDI multi-rate signal processing
- ▶ 4 buffered and re-clocked outputs
- ▶ Output 2 & 4 support DVB-ASI signal
- ▶ Automatic cable equalization and signal retiming
- ▶ All ancillary data is passed to the outputs
- ▶ LED indicators for power and signal lock
- ▶ Threaded locking power connector
- ▶ Detachable bracket design for wall mounting

**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.

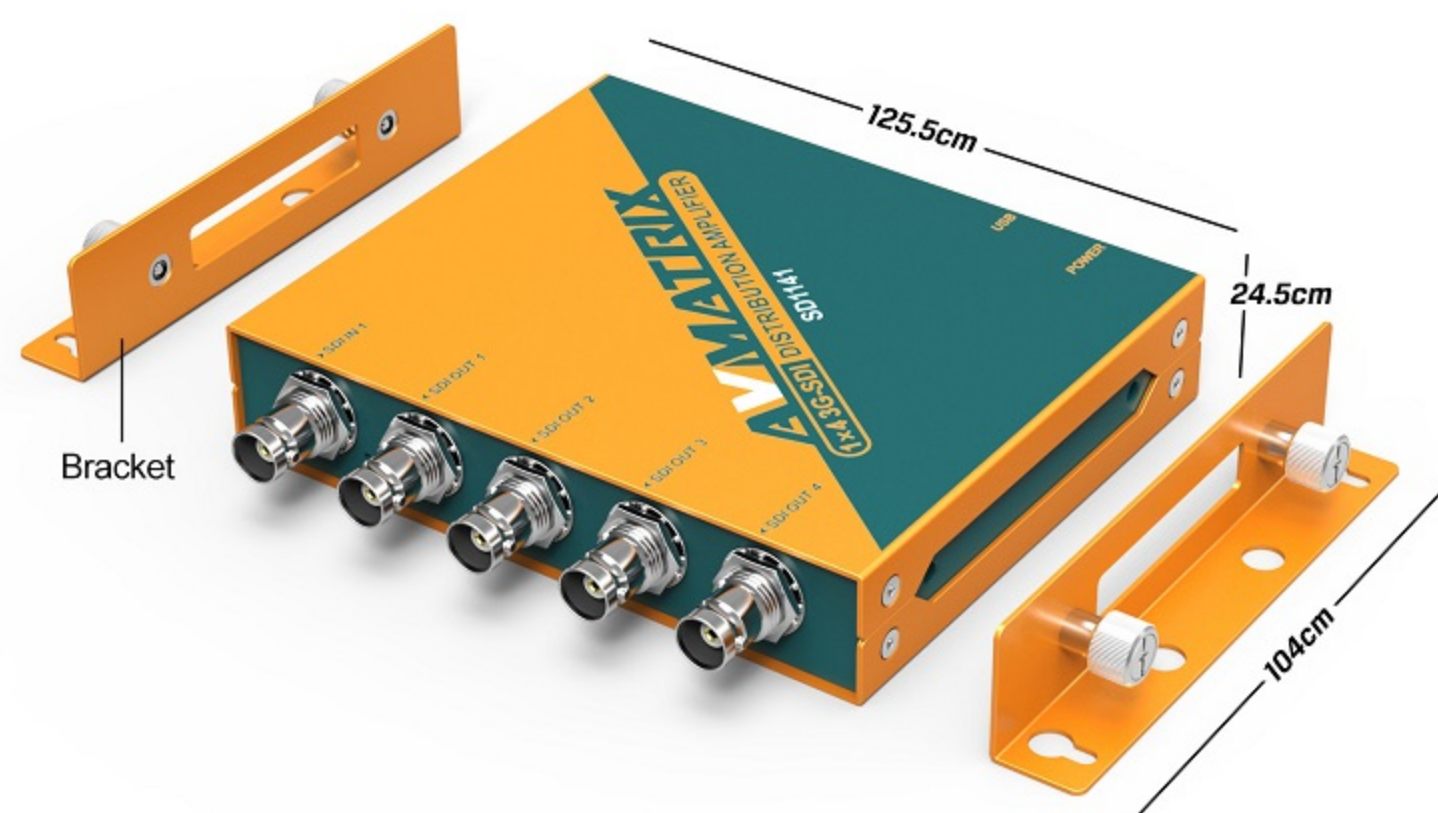
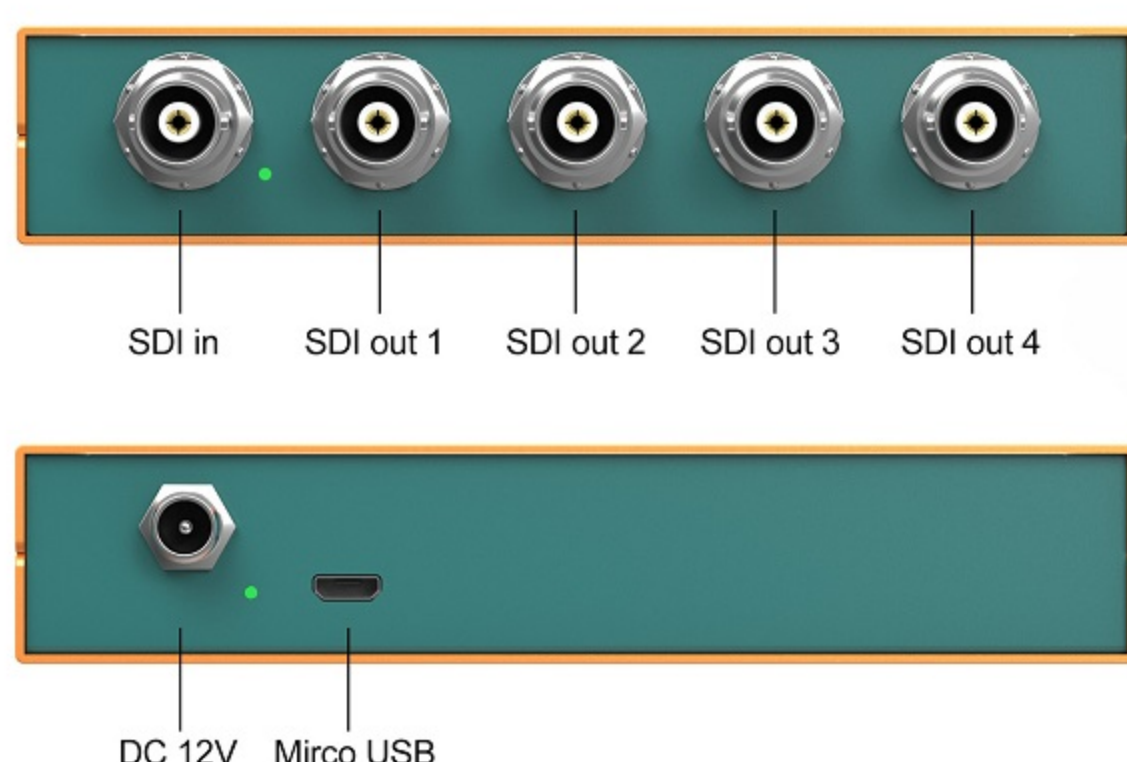
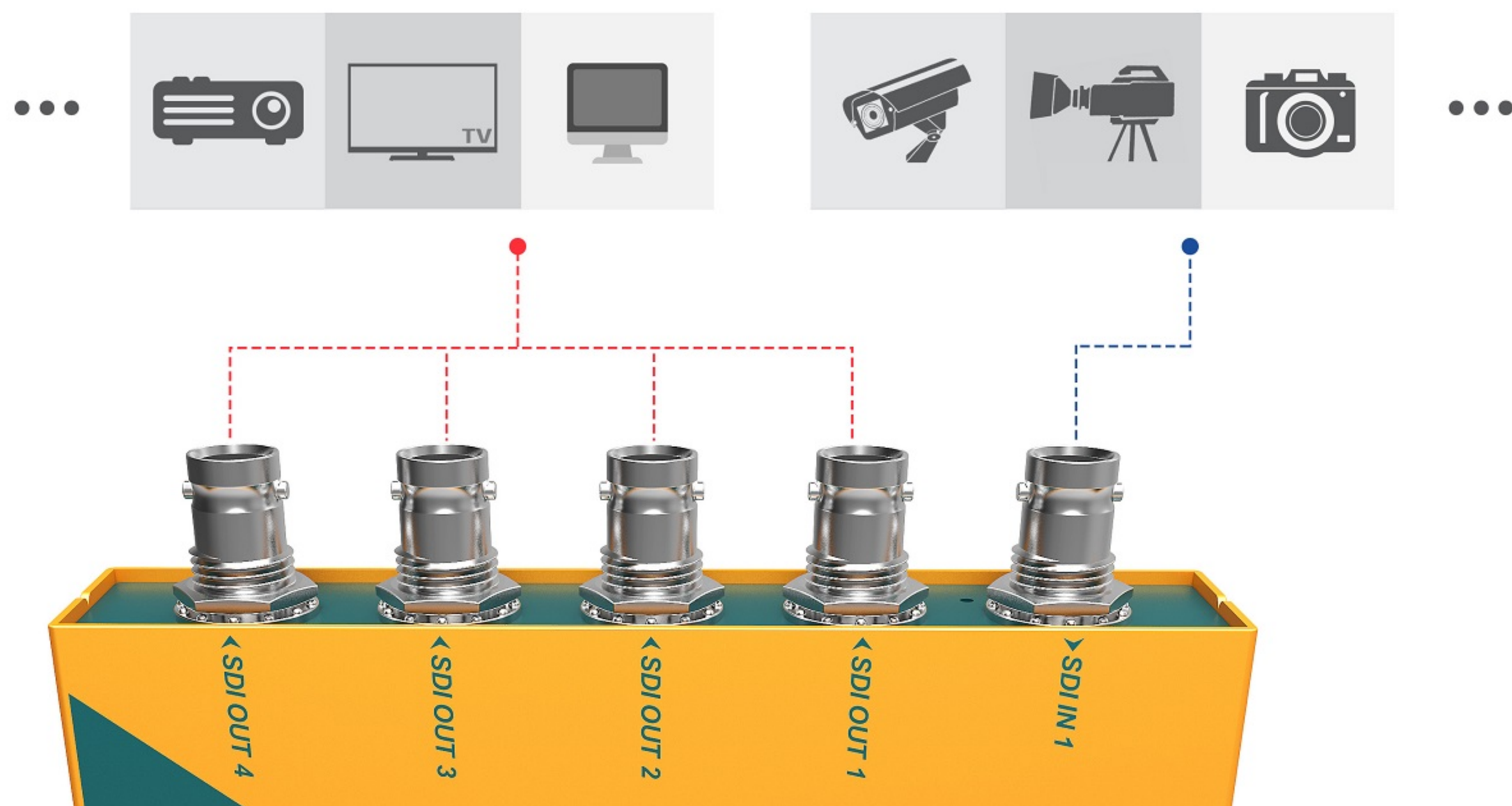


## 120m SDI Re-clocking

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 Output SDI Input Format Support	SD/HD/3G-SDI ×1 SD/HD/3G-SDI ×4 (Output 2 and 4 support DVB-ASI) 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
<b>FORMATS</b>	SDI Video Rate SDI Compliance ASI Compliance SDI Color Space and Precision SDI Auto Switching	SD/HD/3G-SDI SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 372M SMPTE 424M, SMPTE 425M Level A and B DVB-ASI RGB 4:4:4 10bit/12bit, YUV 4:2:2/4:4:4 10bit/12bit Auto selects SD, HD and 3G-SDI on input
<b>POWER</b>	Power Connector Voltage Range Power Consumption	Micro USB, Threaded locking connector USB 5V, DC 5~17V 1W
<b>ENVIRONMENT</b>	Operating Temperature Storage Temperature Relative Humidity	-20°C~60°C -30°C~70°C 0%~90% non-condensing
<b>SIZE</b>	Size Weight	125.5×104×24.5mm 485g
<b>PACKING</b>	What's included	SD1141 (1x4 3G-SDI Reclocking Distribution Amplifier) 5V Special Power Adapters × 1
<b>WARRANTY</b>	Warranty	3 year limited warranty

