



SD1141

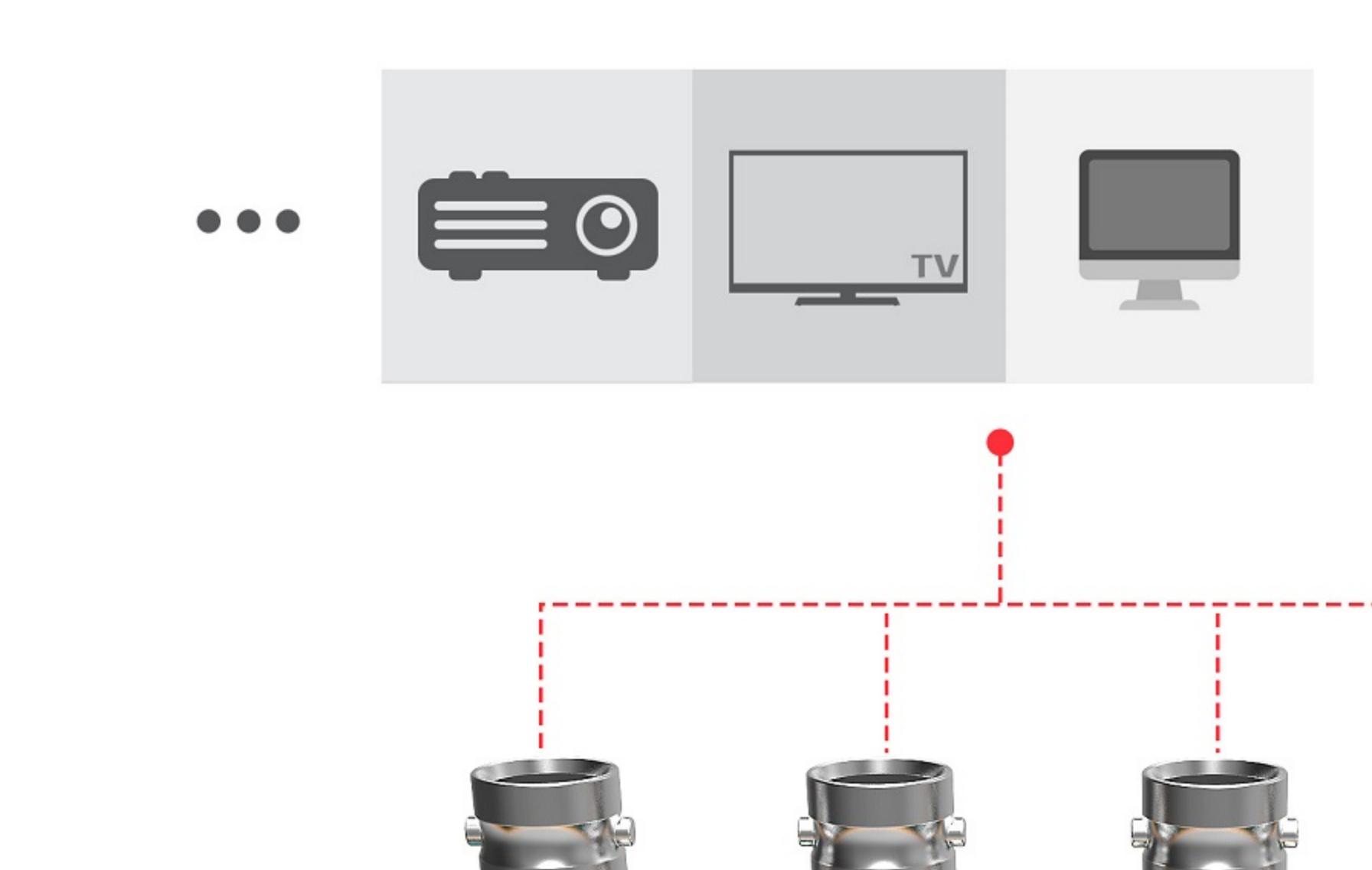
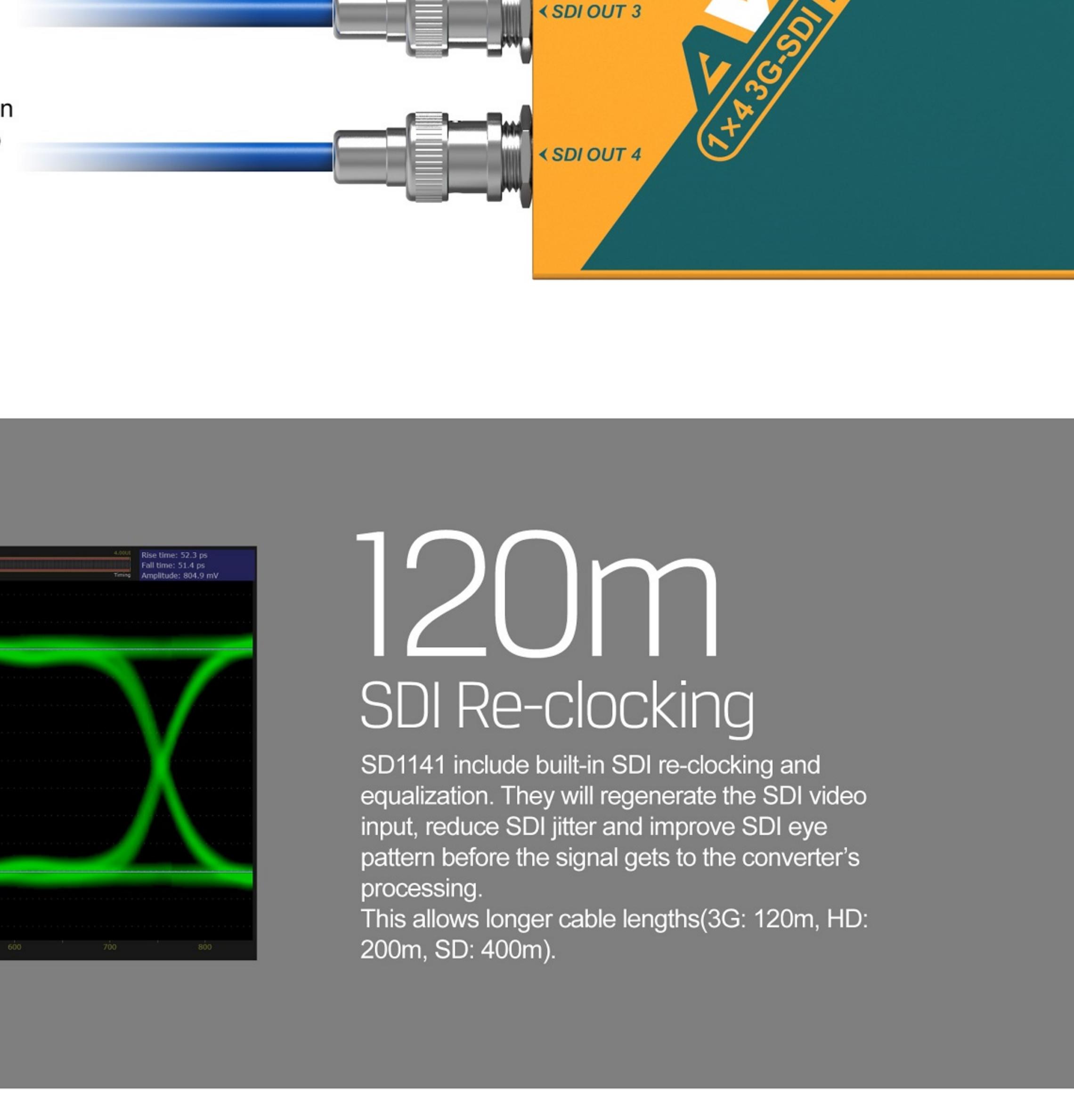
Model NO.:

**1x4 3G-SDI DISTRIBUTION AMPLIFIER**

- Automatically detects SD, HD and 3G-SDI
- 4 buffered and re-coded 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**

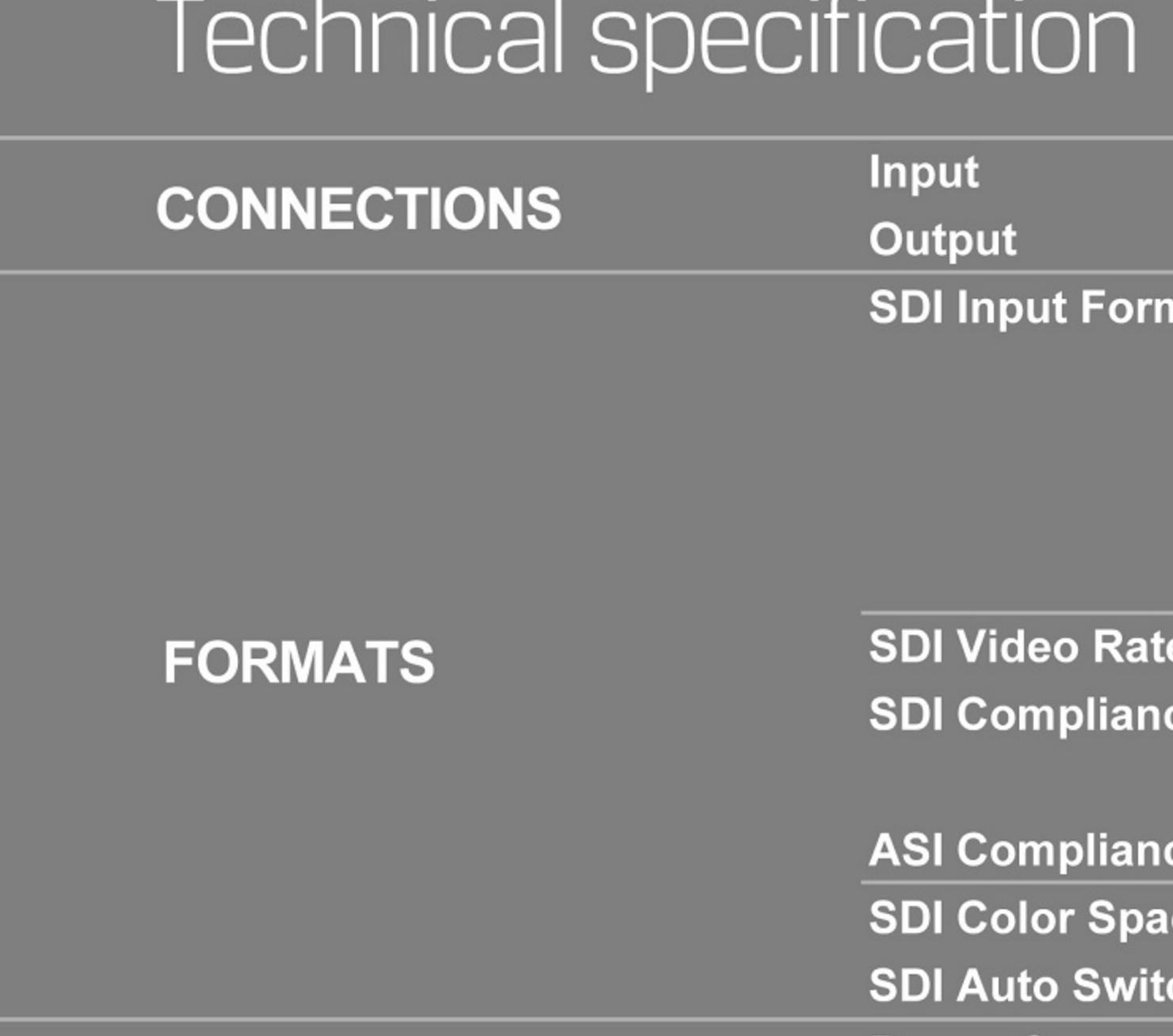
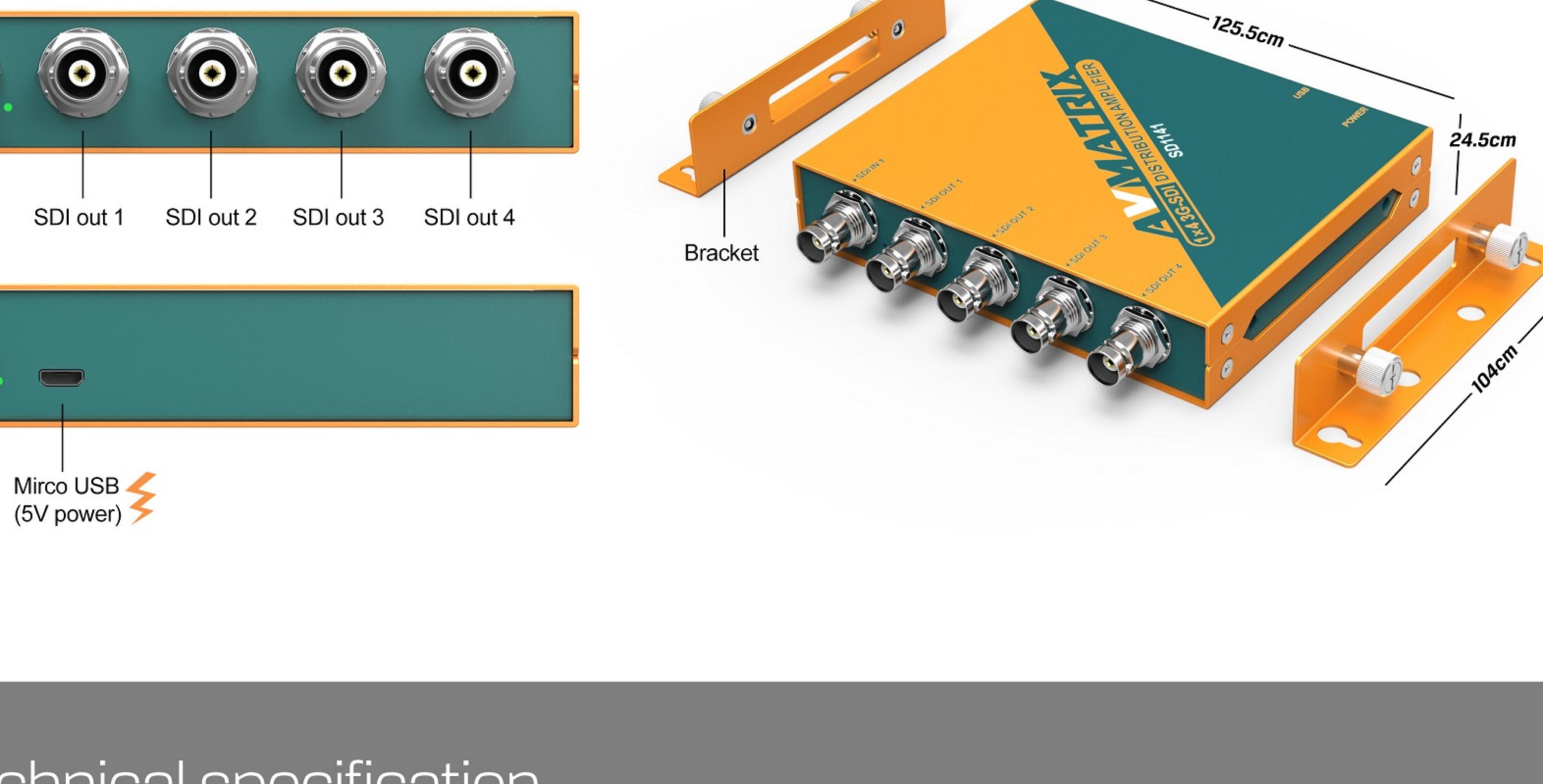
SD1141 is a compact, one input, four output distribution amplifier for SDI and multi-rate SDI video signals up to 1080P 60Hz(2.97 Gbps). Output 2 & output 4 support DVB-ASI signal.

**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>	<b>Input</b> <b>Output</b>	SD/HD/3G-SDI ×1 SD/HD/3G-SDI ×4 (output 2 & 4 support DVB-ASI)
	<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
<b>FORMATS</b>	<b>SDI Video Rate</b> <b>SDI Compliance</b>	SD/HD/3G-SDI SMPTE 259M, SMPTE 292M, SMPTE 296M SMPTE 372M, SMPTE 424M, SMPTE 425M
	<b>ASI Compliance</b>	DVB-ASI
	<b>SDI Color Space and Precision</b> <b>SDI Auto Switching</b>	RGB 4:4:4 10bit/12bit, YUV 4:2:2/4:4:4 10bit/12bit, XYZ 4:4:4 12bit Auto selects SD, HD and 3G-SDI on input
<b>POWER</b>	<b>Power Connector</b> <b>Voltage Range</b> <b>Power Consumption</b>	Micro USB, Threaded locking connector USB 5V, DC 5~17V 1W
<b>ENVIRONMENT</b>	<b>Operating Temperature</b> <b>Storage Temperature</b> <b>Relative Humidity</b>	-20°C~60°C -30°C~70°C 0%~90% non-condensing
<b>SIZE</b>	<b>Size</b>	125.5×104×24.5mm
<b>PACKING</b>	<b>Weight</b>	512g
<b>WARRANTY</b>	<b>What's included</b>	SD1141 (1x4 3G-SDI reclocking distribution amplifier) power adapter, brackets
	<b>Warranty</b>	3 year limited warranty

