

12G-SDI 1x5 Reclocking Distribution Amplifier

CB-8130

The CB-8130 is a miniature, low-cost 1 × 5 12G/6G/3G/HD/SD-SDI re-clocking distribution amplifier. Featuring five separately buffered SDI outputs, the CB-8130 provides automatic input detection, re-clocking and cable equalization.

[Features]

- 12G/6G/3G/HD/SD-SDI multi-rate signal processing
- 5 buffered and re-clocked outputs
- Support DVB-ASI signal (OUT1, 4, 5)
- 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
- Dual redundant power supplies
- Detachable bracket design for wall mounting



1 × 5 Distribution



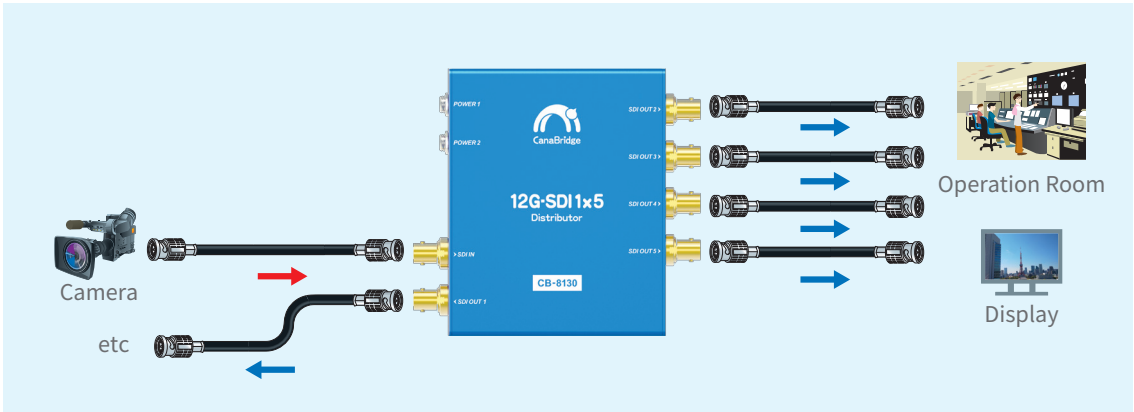
CB-8130 is a compact, one input, five output distribution amplifier for SDI and multi-rate SDI video signals up to 4K60Hz(12 Gbps). Supported Output1, Output4 and Output5 support DVB-ASI signal.

SDI Equalization & Re-clocking

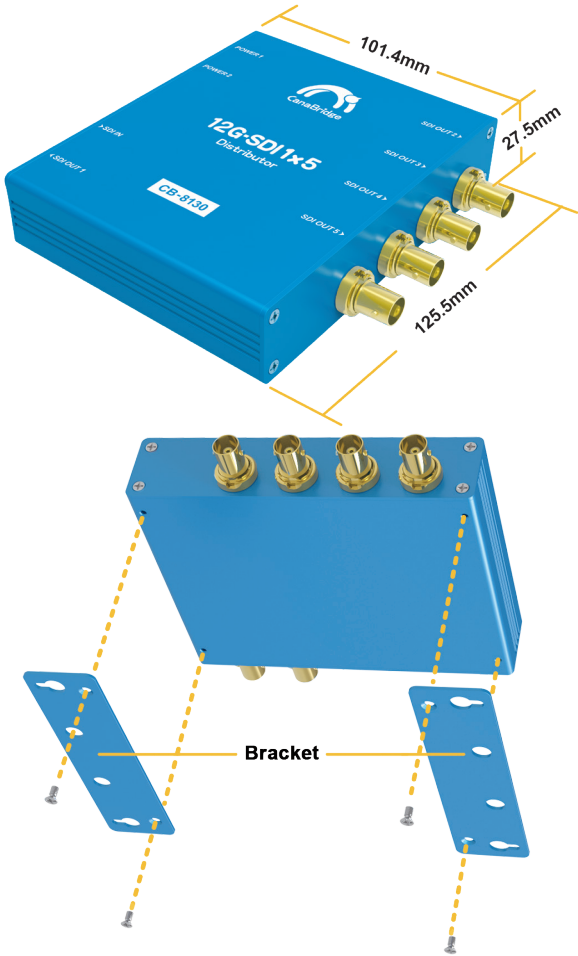
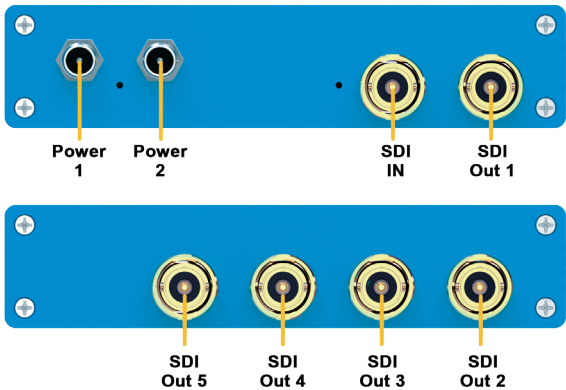


Equalized on the SDI input and reclocking on the SDI outputs to maximize performance.

[Typical application]



[More detail]



[Parameter]

Connections	SDI Video Input	1 × SD/HD/3G/6G/12G-SDI (75Ω BNC)
	SDI Video Output	5 × SD/HD/3G/6G/12G-SDI/ASI (75Ω BNC)
	Power Input	Dual DC Power
Functions and Standards	SDI Video Rate	SD/HD/3G/6G/12G-SDI
	SDI Auto Switching	Automatically detects SD, HD, 3G, 6G and 12G-SDI
	SDI Standard	SMPTE ST 259, SMPTE ST 292-1, SMPTE ST 424, SMPTE ST-2081-1, SMPTE ST-2082-2, DVB-ASI

Power	Power Supply	Threaded locking DC connector
	Voltage Range	DC 6-23V
	Power Consumption	3W (Max)
Physical Specifications	Dimension	125.5 × 102 × 27.5mm
	Net Weight	310g
	Gross Weight	950g
Environmental Specifications	Operating Temperature	0 ~60 deg C
	Storage Temperature	-30~70 deg C
	Relative Humidity	0%~90% non-condensing

*Information in this document is subject to change without notice.

