

SDI Repeater *BOX*

User Manual



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Feature

The SDI Splitter is a SD/HD and 3G SDI repeater for transmission distance extension. The Transmission distance is easily extended 300ft.

- Lock LED indication
- Pass all ancillary data.
- Easy installation

Package Contents

The SDI Reapter package contains the following items:

- User Manual x 1
- DC Adapter x 1

Install Diagram



Typically, SDI Repeater installation consists of the following:

1. Disconnect DC power from SDI Repeater.
2. Connect the Video source/equipment to the SDI Repeater BNCs.
3. Connect the DC power to SDI Repeater

Front Panel



NO	Component	Function
1	SDI Output Port x 1	From your SDI Display Device plug into these ports
2	Status LEDs	The LEDs is indicate input/output format and Output Port (Green: Signal Lock Red : Un-Locked)

Rear Panel



NO	Component	Function
1	Power Jack	The Power adapter plug into here.
2	SDI Input Port x 1	From your SDI Source plug into these ports

Specifications

DESCRIPTION	
Support Video Resolution	SD – 720 x 480 i / 720 x 576 i HD– 1280 x 720 p 50p/60p 1920 x 1080 50i/60i 1920 x 1080 24p/25p/30p 3G– 1920 x 1080 50p/60p 2K– 2048 x 1080 24p/30p
SDI format	SD-SDI(SMPTE 259M) HD-SDI(SMPTE 292M) 3G-SDI (SMPTE 424M / SMPTE 425M)
Audio Support	7.1ch/5.1ch/Stereo
Re-clock Function	Yes (Default Enable)
Coaxial Cable Type	RG6/RG59(75Ω)
Cable Equalization	3G: 100m of RG6/ 86m of RG59 HD: 170m of RG6/ 120m of RG59 SD: 400m of RG6/ 280m of RG59 <i>*1 RG6: CANARE L-5CFB Cable / RG59: Belden 9275 Cable</i> <i>*2 Cable Length Performance: Depending on SDI Signal and Cable Quality</i>
Input	1 x BNC [SDI]
Output	1 x BNC [SDI]
BNC Connector	3G 75 Ω inter-locked socket
Housing	SECC
Dimension	L:63.6mm x W:70mm xH:26mm
Power Source	Power Adapter: AC 100 ~ 240 V/DC (+6 ~ 15 V)
Operation Temperature	0~50°C [32~114°F]
Storage Temperature	-20~+60°C

Update List

Data	Version	Command
2013.03.14	V1.1	1. Modify Cable Equalization