

## SD/HD/3G-SDI Repeater

### VCF-002-04R

Network  
Equipment

Analog  
Equipment

HD-SDI  
Equipment

Communication  
Equipment

Infrared  
Illuminator

Stainless Steel  
Camera Housing



#### Features:

- ◆ SDI Standard: HD-SDI, SD-SDI, 3G-SDI
- ◆ Data Rates: 270Mbps/1.485 Gbps/2.97G
- ◆ Signal Type: SMPTE 292M, SMPTE 259M, SMPTE 424M
- ◆ Four separately buffered outputs
- ◆ Cable equalization (Belden 1694A) retiming and signal Re-clocking function capability, unlimited repeater connection
- ◆ Dual color LED indication of input lock and rate
- ◆ Pass all ancillary data

#### Specification

#### VCF-002-04R

Specification	VCF-002-04R
Model	SD/HD/3G-SDI Repeater
Video In	4 piece one SDI port
Video Out	4 piece one SDI port
Input Signal Type	SD-SDI (270Mbps), HD-SDI (1.485Gbps), 3G-SDI(2.97Gbps)
SDI Signal Range	0.8Vp-p
Support Input Format	SD-SDI: 480i, 576i HD-SDI: 720p24/25/30/50/59.94/60 all frame rate; 1080i all frame rate, 1035i all frame rate 1080p all frame rate 3G-SDI: 1080p all frame rate
SDI Impedance	75ohms
SDI Coupling Type	AC Coupling
Max. Distance	Belden1694A SD-SDI 400m/ 1300ft ; HD-SDI 200m/ 600ft ; 3G-SDI140m/ 450ft
Re-clocking	Auto Support 270Mbps/1.485Gbps/2.97Gbps
HD-SDI Connection	BNC Female(75Ω)
Power Supply	5V~24VDC
Power Consumption	3~6Watts
Operating Temperature	-10°C~60°C/14°F~140°F
Storage Temperature	-30°C~70°C/-22°F~158°F
Relative Humidity	20~90%RH(Non-condensation)
Dimension	93×120×36mm /3.66×4.72×1.42 in