

CONVI103R

SD-SDI SPLITTER & ANALOG CONVERTER

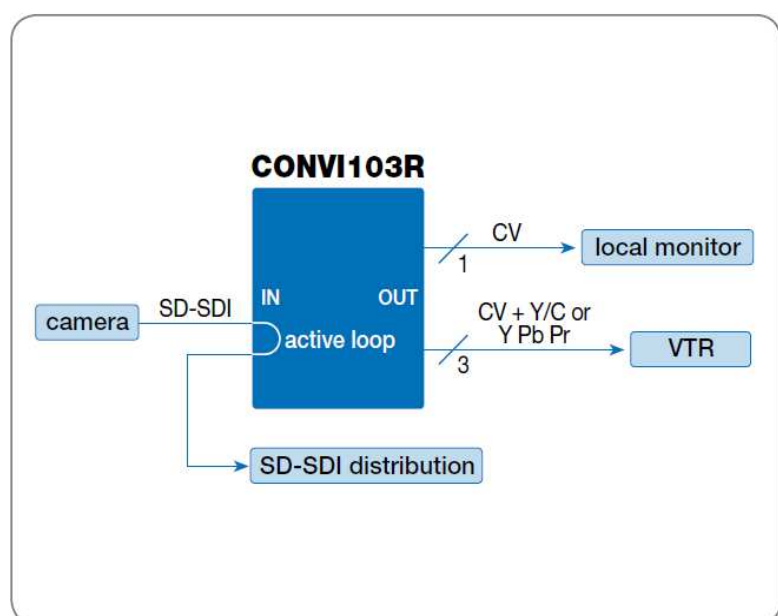


The CONVI103R is a standard converter that accepts in input a serial digital signal ITU-R 601 (SD-SDI) and converts this into various analog formats available on the 4 output BNC. To optimize use, it provides 2 regenerated SD-SDI outputs. At conversion level, it features a fixed PAL standard output and 3 outputs that can be programmed using dip-switches which alternate RGB, or YUV, or YC plus a second PAL output.

- 1 digital input ITU-R 601 (SD-SDI) terminated at 75Ω
- 2 regenerated and reclocked digital outputs
- 1 fixed PAL analogue output +3 programmable
- Internal TEST generator on all the outputs
- Possibility of disabling the color
- Possibility of synch. insertion in RGB
- 2 selectable internal digital filters
- Output level adjustment using trimmer on front panel
- 19" assembling with provided kit

6

CONVERTERS AND GENERATORS



Technical specifications

Input type:	AC, 75 Ω ITU-R 601
SDI format:	ITU-R 601
Input ret. Loss:	25 dB at 270 MHz
SDI outputs:	2, regenerated & reclocked
Analog outputs:	n. 1 fixed CV on BNC
	n. 3 programmable on BNC:
	CV, Y, C or
	Cb, Y, Cr or
	B, G, R
Output level nominal (analog):	700 mVpp (plus sync)
Output level regulation:	500 mVpp ÷ 1 Vpp
Output ret. loss (all outputs):	20 dB at 5 MHz
Differential Phase:	0.8°
Differential Gain:	0.8 %
Main input:	230 Vac 50 Hz
Power consumption:	11 VA
Size (WxDxH):	200x170x44 mm
Weight:	0.9 Kg
Operating temp. range:	0 ÷ 45°C
Safety:	according to EN 60065
EMC:	according to EN 55103-1 and EN 55103-2