



Newbridge ND6210G converter is an equipment which is exclusive using in converting single channel SDI signal to HDMI signal . It integrates SDI transmitter and HDMI demodulator which conveniently converts SDI signal to HDMI signal, at the mean time, it will separate and convert SDI signal 's audio signal ,and then it will embed it to HDMI signal synchronously to realize the video and audio transmitting synchronously.

The device is designed to be able to controlled switch ,User can choose HDMI output or DVI output by it.in the mean time,this equipment has one channel loop back function in SDI signal output,User can monitoring expediently in this locality.

ND6210B

SD/HD/3G-SDI to HDMI Converter

Features

- Support SDI input format: 480i, 576i, 720p30/50/60, 1080p 24/25/30, 1080i 50/60, 1080p50/60
- Support SMPTE 425M(A level and B level), SMPTE424M SMPTE292M, SMPTE259M-C
- Carry 1 channel SDI signal looping out
- SDI signal support the maximum input coax length: Belden 1694A: SD-SDI 400m; HD-SDI 200M; 3G-SDI 140M
- Automatically embed SDI audio signal to HDMI signal
- HDMI port support digital DVI signal
- Can choose HDMI output or DVI output
- Automatically detect the HDMI EDID information adaptive HDMI best mode

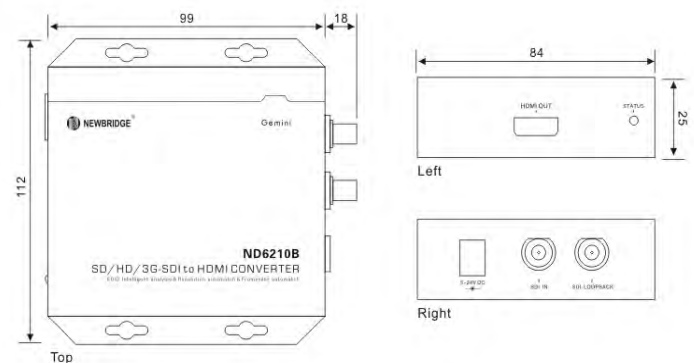
Application Diagram



Specifications

Model	NB6210B
Input Interface Type	1x BNC SDI
Input Signal	SD-SDI (270Mbps), HD-SDI (1.485Gbps), 3G-SDI (2.97Gbps)
Support Input Format	SD: 525i @ 59.94Hz, 625i @ 50Hz HD: 720p @ 50Hz / 59.94Hz / 60Hz 1080i @ 50Hz / 59.94Hz / 60Hz 1080p @23.98Hz/24Hz/25Hz/29Hz/30Hz 3G: 1080p @ 50Hz / 59.94Hz / 60Hz
SDI Signal Range	0.8V p-p
SDI Impedance	75 ohms
SDI Coupling Type	AC Coupling
Max. Input Coax Length	Belden 1694A SD-SDI 400m / 1300ft ; HD-SDI 200m / 600ft ; 3G-SDI 140m / 450ft
SDI Loop Out Interface	1x BNC SDI
HDMI/DVI Output Interface	1x HDMI
Frequency Bandwidth	165MHz/ up to standard with HDCP :HDMI 1.3
Power Supply	5~24DC
Power Consumption	3~5 Watts
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	112x 117x 25 mm / 4.40x 4.46 x 0.98 inches
Weight	280g

Dimensions



Order Information

Part No	Description of product	Unit
ND6210B	SD/HD/3G-SDI to HDMI Converter	pcs