



**Features**

- High performance & cost effective
- Supports SD & HD with auto detection & configuration
- Standard DVI output
- Internal Test Pattern Generator
- LED indicators
- Contact closure alarm
- Compact & rugged design 142mm(L) x 82mm(W) x 47mm(H)

**Description**

The DVI video converter provides high performance HD or SD to DVI conversion. This allows operators to use low cost LCD panels supporting DVI or HDMI (via adapter) to display HD & SD video feeds. The design is preliminary and exact functionality is still under review.

**Specifications**

**Electrical Inputs**

Number of Inputs	1
Data Rate	270 & 1485 Mbps
Return Loss	>15dB (5MHz – 1.5GHz)
Cable Eq.	0 to 120m Belden 1694A (HD) 0 to 250m Belden 8281A (SD)
Impedance	75 ohm
Connectors	BNC female

**Electrical Outputs (DVI-D)**

Number of Outputs	1
Impedance	100 ohm differential
Connectors	DVI female

**Electrical Outputs (SD & HD loop through)**

Number of Outputs	2
Polarity	Inverting & non-inverting outputs
Signal Level	800mV p-p +/- 100mV
Return Loss	>15dB (5MHz – 1.5GHz)
Impedance	75 ohm
Connectors	BNC female

**Alarm & Control Interface**

- Test Pattern Generator selection
- Loss & Presence LED indicator
- HD or SD LED indicator
- 50Hz or 60Hz LED indicator
- Solid state alarm relay contacts

**Supported Standards**

SMPTE - 259M (270Mbit/s), 292M (1483, 1485Mbit/s)

**Accessories (extra)**

- High performance, 110-240V universal input, 12V @1.5A output
- Power lead, SAA approved, 2M, IEC320-C14 connector

**Compatibility**

- Compatible with all SBC products supporting digital video interfaces
- Compatible with third party compliant digital video interfaces

**Compliances**

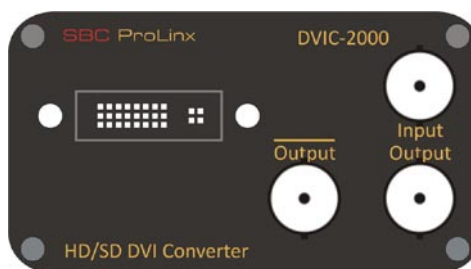
- CE; UL; C-Tick
- RoHS Compliant Directive 2002/95/EC

**Ordering Information**

- DVIC 2000
- PSLV-1200, 240V AC/12V DC power supply



Front panel with power connector



Rear panel

Copyright by SBC 2008. Product Specifications are subject to change without prior notice.