

SBC Prolinx

DVI-2000

DVI Video Converter



Features

- High performance & low cost
- 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 100m Belden 1694A (HD) 0 to 250m Belden 8281A (SD)
Impedance	75 ohm
Connectors	75 ohm BNC female

Electrical Outputs

Number of Outputs	1
Impedance	100 ohm differential
Connectors	DVI 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