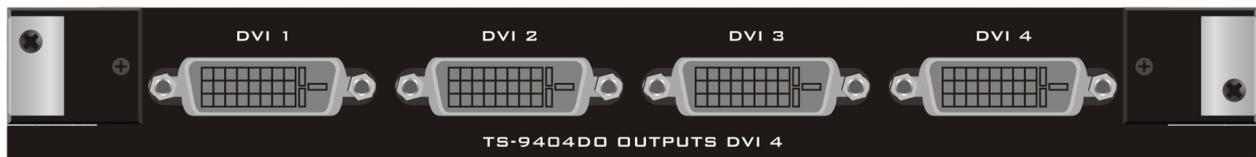# DVI Seamless HD Output Card

Embedded software: HD matrix output card embedded software V4.38

TS-9404DO

Description:

It is specially designed for smart HD seamless hybrid matrix in the market. It supports 4 channels of DVI video signal outputs, supports digital HD 1080P signal, featuring high integration. The quantity of the boards is optional as needed. It is very convenient for application and maintenance.

Feature:

* Support 4 DVI-D female seamless output interfaces.
* Fast and seamless switching, no flicker, no black screen.
* Support power-off memory protection, unique ESD electrostatic protection function.
* Compatible with HDMI1.3a standard, HDCP1.3 protocol, DVI1.0 protocol.
* Support scaling function, support the maximum resolution of 1080P;
* Support hot plug, plug and play, extremely convenient.

Specification:

Model	TS-9404DO
Protocol	Support HDMI1.3a protocol, HDCP1.3 protocol, DVI1.0 protocol
Pixel bandwidth	165MHz full digital
Interface bandwidth	6.75Gbp, full digital
Maximum resolution	Normal-PC: 1600x1200@60_24bit HDPC: 1920x1200P@ 60_24bit HDTV: 1920x1080P@60_36bit
Clock jitter	<0.15 Tbit
Rise time	<0.3Tbit (20%--80%)
Fall time	<0.3Tbit (20%--80%)
Maximum transmission delay	5nS(±1nS)
Signal type	DVI-D full digital T.M.D.S. signal in DVI 1.0 specification
Signal strength	T.M.D.S +/- 0.4Vpp
Interface	4 DVI-I female interfaces
Minimum/maximum level	T.M.D.S 2.9V/3.3V
Maximum DC offset error	15mV
Maximum power consumption	15W
Weight	About 0.5Kg
Maximum distance between input and output	15 meters