



Component Signal Seamless HD Output Card

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

TS-9404CO



Description:

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

Feature:

- * Support 4 DB15 video interfaces and 3.5mm analog audio interface;
- * Support multi-format signal output, support any signal of VGA, CVBS, YPbPr;
- * Fast and seamless switching, no flicker and no black screen;
- * Support power-off memory protection, unique ESD electrostatic protection function.
- * Support analog audio output;
- * Support scaling function, support the maximum resolution of 1080P;
- * Support hot swap, plug and play, extremely convenient.

Specification:

Model	TS-9404CO
Interface	4 DB15 interface inputs
Composite video CV	
Gain	0dB
Bandwidth	150MHz @ -3dB
Differential phase error	0.1°, 3.58-4.43 MHz
Differential gain error	0.1% , 3.58-4.43 MHz
Signal strength	1Vpp: Composite Video (CVBS)
Minimum / Maximum level	Analog signal: -2V / + 2V
Input impedance	75 Ω
Return loss	<-30dB@5MHz
Component video YPbPr	
Gain	0dB
Bandwidth	350MHz @ -3dB
Differential phase error	0.1°, 3.58-4.43 MHz
Differential gain error	0.1% , 3.58-4.43 MHz
Signal strength	1Vpp: (Y in component video) 0.3Vpp: (Pb Pr / CbCr in component video)
Minimum / Maximum level	Analog signal: -2V / + 2V
Input impedance	75 Ω
Return loss	<-30dB@5MHz
VGA video	
Gain	0dB
Bandwidth	380 MHz
Signal strength	0.63 Vpp to 0.9 Vpp
Minimum / Maximum level	RGB signal: 0V / 1.0V HV: 0V/5.0V
Input impedance	75 Ω
Echo loss	<-30dB@5MHz
VGA sync signal	
Input / Output signal	RGBHV, RGBS, RGSB, RsGsBs
Maximum transmission delay	Horizontal: 90ns Vertical: 160ns
Maximum Rise / Fall Time Other	4ns
Others	
Maximum power consumption	15W
Weight	About 0.5Kg
Maximum distance between input and output	15 meters