



# Component Signal Seamless HD Input Card

Embedded software: HD matrix input card embedded software V4.40

## TS-9404CI



### Description:

It is specially designed for smart HD seamless hybrid matrix in the market. It supports 4 channels of VGA, CVBS, or YPbPr signal inputs, 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 analog audio input;
- \* Fast and seamless switching, no flicker and no black screen;
- \* Support power-off memory protection, unique ESD electrostatic protection function.
- \* Support multiple signal inputs, such as VGA, CVBS, and YPbPr.
- \* Maximum resolution: HDCP: 1920x1200P @ 60
- \* Support hot plugging, plug and play, extremely convenient.

### Specification:

Model	TS-9404CI
Interface	4 DB15 input interfaces, 4 3.5mm audio block
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
Y / C video	
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	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: S terminal video (Y / C)
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 signal: 0V / 5.0V
Input impedance	75 Ω
Echo loss	<-30dB@5MHz
Others	
Maximum power consumption	28W
Weight	About 0.7kg
Maximum distance between input and output	15 meters