



HD Signal Converter

Embedded software: HDMI matrix input board embedded software V5.10
TS-9507HS



Description:

It is specialized to transform HD or SD HDMI signals to SDI signals. The device integrates an SDI receiver and an HDMI modulator to easily convert HDMI signals into SDI signals.

Feature:

- * Serial port control or external code switch to select the resolution.
- * HDMI input supports HDMI1.3, compatible with HDMI 1.2 and HDMI 1.1.
- * Maximum 2.97Gbps SDI HD video signal output.
- * Input resolution up to 1920 x 1080P@60Hz.
- * Output resolution up to 1920 x 1080P@30Hz.

Specifications:

	Model	TS-9507HS
HDMI input	Supported protocol	HDMI1.3a, HDCP1.3, EDID1.4
	Pixel bandwidth	225MHz , fully digital
	Interface bandwidth	3.25Gbps, fully digital
	Signal strength	T.M.D.S. +/- 0.4Vpp
	Minimum/maximum level	T.M.D.S. 2.9V/3.3V
	Impedance	Differential 100Ω
	Input resolution	800X600@60Hz,1024X768@60Hz,1280X720@60Hz,1280X800@60Hz,1280X1024@60Hz,1366X768@60Hz,1440X900@60Hz,1600X900@60Hz,1920X1080p@60Hz
Output	Port	Female port BNC connector
	Gain	0db
	Lock rate	Auto
	Operating standard	SMPTE 292M,SMPTE 259M,SMPTE 242M,ITU-RBT.601 ITU-RBT.1120
	Input return consumption	<-14 dB @ 1MHz ~ 1.5GHz
	Output return consumption	<-12 dB @ 1MHz ~ 1.5GHz
	Maximum rate	2.97Gbps
	Data mode	8 or 10bit
	Input and output level	0.80Vp-p+/- 10%
	Input and output impedance	75 Ω
	Equilibrium type	Automatic
	Maximum input distance	100M
	Serial port control interface	Phoenix port
	Electrical level	RS232
	Baud rate	9600bps
	Specification	
	Operating temperature	-20℃~ +70℃
	Environment humidity	20%~80% relative humidity, no condensation
	Input power	DC12V 1.5A
	Maximum power consumption	6W
	Dimension (LxWxH)	163x156x32 mm