



### Description

TS-9507SH is a dedicated device converting the single-channel HD digital component serial interface (HD-SDI, 3G-SDI and SD-SDI) signals into HDMI signals. The device integrates the receiver and HDMI SDI modulator, can easily convert the SDI signals into HDMI signals. Meanwhile it separates and converts the SDI Audio signal, and make it embedded in the HDMI signal, so that to achieve the sound and image synchronization transmission. Working principle is to convert the single component serial digital interface (SDI) signal into TMDS signal, which can connect the high-definition cameras and display terminal with HDMI interface.

### Features

- \* Serial controller or external DIP switcher to select the resolution.
- \* HD digital component serial interface (HD-SDI, 3G-SDI and SD-SDI) input signal.
- \* HD HDMI video signal output.
- \* The input resolution is up to 1920 x 1080P @ 60Hz.
- \* The output resolution is up to 1920 x 1080P @ 60Hz.

### Specifications

Model	TS-9507SH
HDMI Video Output	
Interface	HDMI-A Interface
Support Protocol	HDMI1.3
Pixel Bandwidth	225MHz, Full digital
Interface Bandwidth	3.25Gbps, Full digital (Total is 6.75Gbps, each color is 2.25Gbps)
Max Support Resolution	1920×1080P@60Hz
Signal Type	T.M.D.S. Full digital signal
Signal Strength	T.M.D.S. +/- 0.4Vpp
Min/Max Level	T.M.D.S. 2.9V/3.3V
Impedance	50Ω
Serial Port Control	Serial Port Control
Interface	Phoenix
Level	RS-232
Baud Rate	9600bps
SDI Input	SDI Input
Interface	BNC
Signal Type	SD-SDI, HD-SDI, 3G-SDI
Signal Rate	1.485G b/s
Specification	Specification
Power Supply	DC 12V/1.5A
Max Power Consumption	6W
Dimensions(mm)	163(L)×156(W)×32(H)