

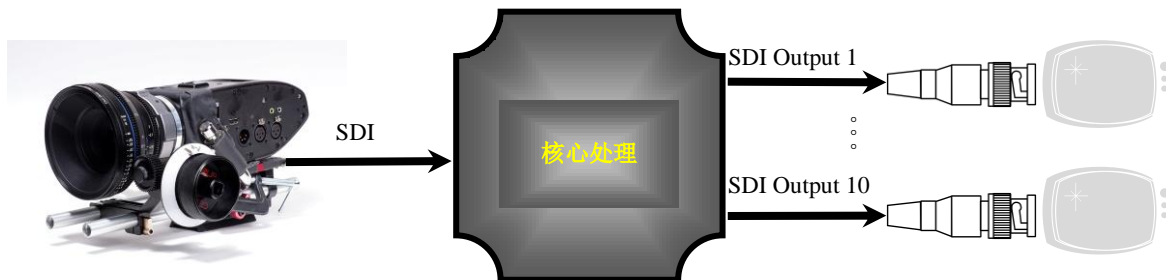
SE310 SDI 1 to 10

SDI Distribution

Ver: 1.0



Functional Diagram



Product Introduction

A dedicated 3G/HD/SD SDI serial digital video signal splitter based on the 4th generation technology of DeviceWell. Device integrated JCS (Jitter Removal System), SDI Receiver and SDI Encoder. 1 channel SDI signal is converted to 10 channels SDI output. SE310 unique clock regeneration and clock recovery function can reduce or eliminate the jitter component in SDI signal. Ensure the output signal quality is stable, high definition, no distortion, no delay distribution Signals can be output to multiple HDTVs, projection devices, large screens, etc. according to the application scenario, in line with broadcast TV standards. Easy to install, plug and play, allowing you to easily operate broadcast-grade SDI splitters, can be widely used In SDI video distribution, video extension and debounce applications.

Product Features

- ◆ Elegant metal body, integrated molding,
- ◆ Based on the 4th-gen technology design of DeviceWell
- ◆ Support 3G/HD/SD SDI signal input
- ◆ Support 3G/HD/SD SDI signal output
- ◆ Support common formats
1080P/1080I/720P/480I/576I
- ◆ Support special formats such as 1080PSF/720P
30/25/24HZ
- ◆ Input bandwidth: adaptive SD-SDI/HD-SDI/3G-SDI
- ◆ Support SDI eye repair
- ◆ Special features can be customized

Interface Introduction



No.	Function	No.	Function
1	SDI Output	2	SDI Input
3	SDI Output	4	DC12V Input

Product Parameters

Name	SDI Distribution	
Model	SE310	
Video Signal Input	Input signal	SDI
	Rate	270Mbps~3Gbps
	Connector	Standard
	Reflection loss	>15dB 5MHz~3GHz
	Signal amplitude	500mV ±10%
	Impedance	75 Ω
	Balance	Adaptive
Video Signal Output	output signal	SDI
	Code rate	270Mbps~3Gbps
	Connector	Standard
	Return Loss	>15dB 5MHz~3GHz
	Signal amplitude	500mV ±10%
	impedance	75 Ω
	DC offset	0V ±0.5V
	Clock recovery	Optional
General Parameter	Power supply	12V/DC
	Power	Less than 5W
	Size	146.4*133*28mm
	Control panel	/
	Weight	0.34kg
	Operating temperature	0°C~50°C, No condensation
	Storage temperature	-20°C~75°C
	Working humidity	20%~70%RH
	Storage humidity	0%~90%RH, No condensation

SE310 SDI 1to 10 Application:

