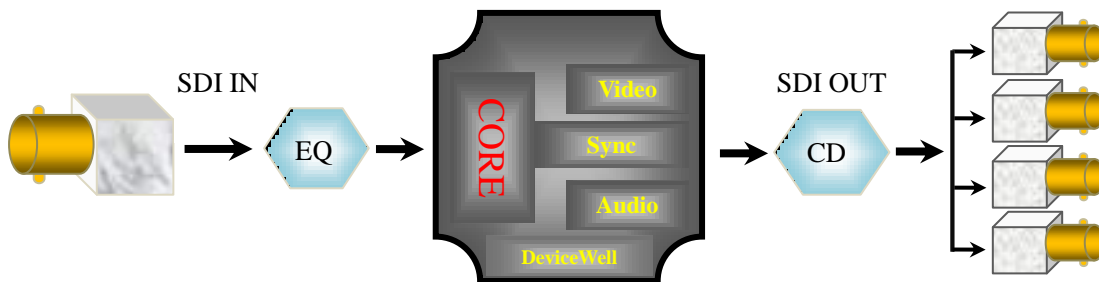


PD6011F(SDI Splitter)

Ver:2.0



Functional Diagram



Product Overview

DeviceWell HD Video Splitter, It support SDI signal buffer to 3G/HD/SD SDI signal. The device Integrated SDI receiver and 3G/HD/SD-SDI encoder, easily Splitte 1 X SDI signal to 4 X SDI signal. Meanwhile, PD6011F Integrated Jitter clean system ,the output SDI signal can reduce when input SDI jitter more than SDI standard.This function ensure the quality of the output signal is stable, in accordance with the standards of broadcasting and TV,It can widely used in SDI video distribution, video extension and jitter clean applications.

Product features

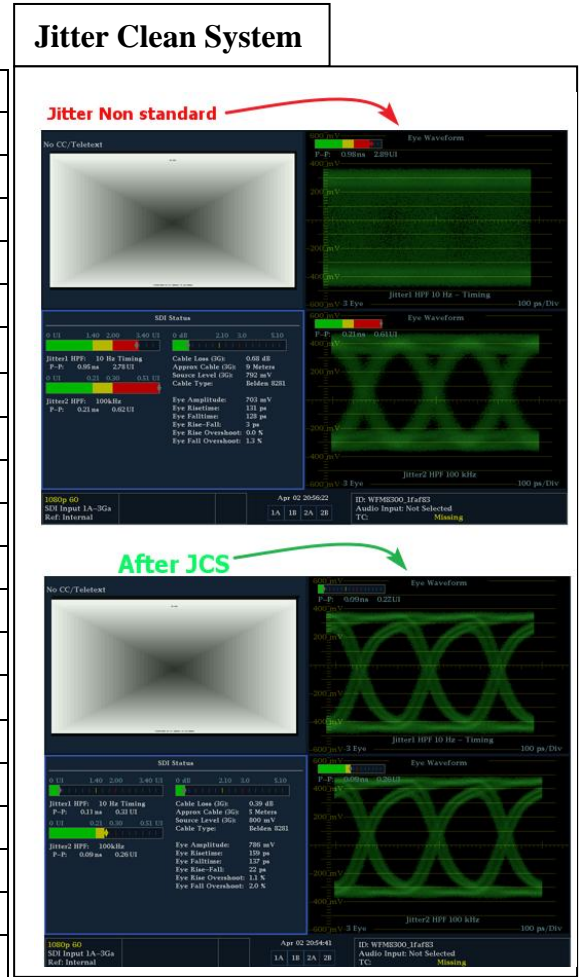
- .Standard 3G/HD/SD SDI signal input
- . Standard 3G/HD/SD SDI signal output
- .Support fromat 1080P/1080I/720P/480I/576I
- . Support special formats such as 1080PSF/720P 30/25/24HZ
- .SDI input signal auto detected
- . SDI Jitter Clean
- .SDI PHY Eye Repairl
- . Special function can be customized

Interface specification



- 1 .DC 5V-12V
- 2.Type-C
- 3.SDI Input
4. LED Indicator
5. SDI output

Product parameters		
Product name	HD Video Splitter	
Product model	PD6011F	
SDI Input	Input signal	Standard SDI signal
	Connector	BNC comply IEC169-8 standards
	Bit rate	270Mbps~2.97Gbps
	Balance ability	100M(3G SDI,1694A)
	Impedance	75Ω
SDI Output	Output signal	SDI (serial digital video signal)
	Connector	BNC comply IEC169-8 standards
	Bit rate	270Mbps~2.97Gbps
	Amplitude of the signal	800mV ± 10% (75Ω)
	Impedance	75Ω
Common parameters	Operating voltage	DC 5-12V
	Power	<2W
	Host size	112 X 90 X25 mm
	Control panel	Digital code switch
	Weight	0.3KG
	Working temperature	0℃~50℃ ,no condensation
	Storage temperature	-20℃~75℃
	Work humidity	20%~70%RH
	Storage humidity	0%~90%RH,no condensation



Model order				
Product model	Function	Chassis Type	Type of Power	Others
PD6011F	SDI Splitter	Mini	Standard AC-DC 12V power supply	Jitter Clean
PD6321	HDMI To SDI	Mini	Standard AC-DC 12V power supply	Support Frame Rate Conversion
PD6331	YPbPr To SDI	Mini	Standard AC-DC 12V power supply	Support Frame Rate Conversion
PD6341	CVBS To SDI	Mini	Standard AC-DC 12V power supply	Support Frame Rate Conversion
PD6351	DVI To SDI	Mini	Standard AC-DC 12V power supply	Support Frame Rate Conversion
PD6311	SDI To SDI	Mini	Standard AC-DC 12V power supply	Support Frame Rate Conversion

PD6011F Application schematic diagram

