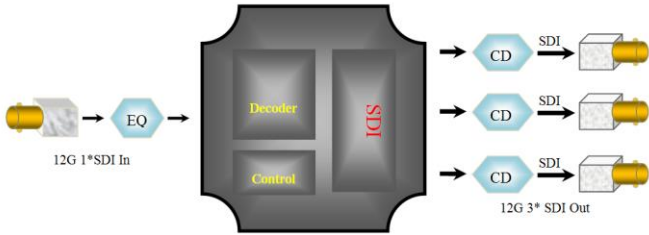


PD2011M (Professional distributor 12G SDI 1x3)



Function diagram



Introduction

DeviceWell 12G SDI signal distributor, based on 4K broadcast 12G SDI signal design. The device supports up to single-link 12G SDI signals and is backward compatible with 6G SDI, 3G SDI, HD SDI and SD SDI. The device has built-in SDI signal equalization, decoder, serial clock recovery and line driver, which can realize 1 channel SDI signal input and distribute 3 channel SDI signal outputs. The transmission distance of 12G SDI exceeds 75M, the transmission distance of 6G SDI exceeds 100M, and the transmission distance of 3G SDI exceeds 120M. The device adapts the bit rate of 12G, 6G, 3G, 1.5G and 270M without additional settings. It can be applied to professional SDI video signals such as UHD TV/FHDTV/HDTV/SDTV, especially for broadcast-grade ultra-high definition digital signals.

The device adopts dual power supply system, supports standard 5-12V wide voltage power supply, and supports Type C power supply. It can be applied to USB mobile device power supply systems such as charging treasure.

In addition, the equipment is equipped with UK 1/4 hole screw, which is convenient for professional users to fix.

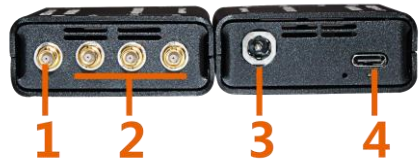
Parameters

Name	SDI Signal Distributor	
Model No.	PD2011M	
SDI signal Input	Input signal	1.5G/3G/6G/12G signal
	Code rate	270MHZ~12GHZ
	Connector	BNC meets IEC169-8 standard
	Impedance	75Ω
SDI Video Output	Output signal	1.5G/3G/6G/12G signal
	Code rate	270MHZ~3GHZ
	Signal amplitude	800mV±10%
	Connector	BNC meets IEC169-8 standard
	Impedance	75Ω
Regular parameters	Power supply	DC 12V/DC 5V Dual power
	Host Size	50*45*24mm
	Weight	0.06 KG
	Operation temperature	0°C~50°C Non-condensing
	Storage temperature	-20°C~75°C
	Operation humidity	20%~70%RH
	Storage humidity	0%~90%RH, Non-condensing

Feature:

- ◆ 1x12G/6G/3G/1.5G SDI signal input
- ◆ 3 x 12G/6G/3G/1.5G SDI signal output
- ◆ Built-in professional equalizer
- ◆ Built-in clock recovery, Built-in line driver
- ◆ Support ASI signal
- ◆ Input and Output Resolution Adaptation
- ◆ 3 Colors LED Lamp Status Indicator
- ◆ Dual power supply system
- ◆ 1/4 hole screw fixing

Interface:



1. 12G SDI signal input
2. 3x 12G SDI signal output
3. 5-12V Power supply
4. Type C power supply

Application

