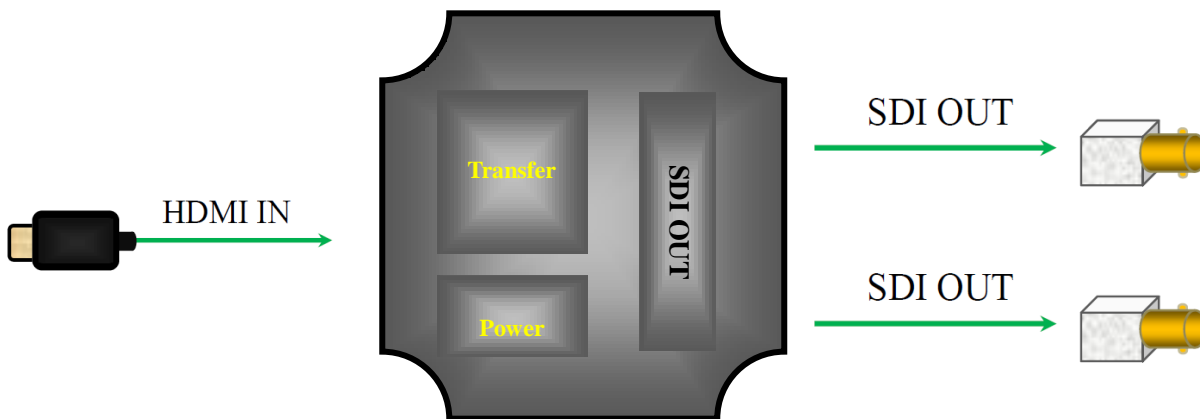


PD2021 (12G HDMI to SDI)



Functional Diagram



Product Introduction

DeviceWell 4K-level signal converter PD2021 is a 4K-level signal conversion device designed based on broadcast-level single-link 12G HDMI signals. The device input supports a single link 12G HDMI signal, a converter that converts HDMI to 2 SDI signals, the highest resolution supports 3840X2160P60, and is backward compatible; DC12V DC power supply is provided.

Product Features

- ◆ Support 1 HDMI to 2 SDI output
- ◆ Input and output resolution auto adaptive, direct output, up to 12G/4K60;
- ◆ DC12V power supply system

Interface Description



No.	Function	No.	Function
1	SDI OUT	2	SDI OUT
3	USB interface	4	Dial code
5	12V power supply	6	HDMI IN

SDI to HDMI Function Description

PD2021 supports HDMI to 2-channel SDI straight-through output; HDMI input supports 12G/6G/3G/HD signal; input resolution auto adaptive

The HDMI input signals are supported as follows:

12G
6G
3G
HD

Product Parameters

Name	12G HDMI Converter	
Model	PD2021	
HDMI Signal Input	Input signal	HDMI video signal
	Connector	HDMI
	Signal amplitude	800mV±10%(100Ω)
	Impedance	100Ω
SDI Signal Output	Output signal	1.5G/3G/6G/12G signal
	Rate	270Mbps~12Gbps
	Signal amplitude	800mV ±10%
	Connector	BNC comply IEC169-8 standard
	Impedance	75Ω
Signal output	Output signal	1.5G/3G/6G/12G signal
	Rate	270Mbps~12Gbps
	Signal amplitude	800mV ±10%
	Connector	BNC comply IEC169-8 standard
	Impedance	75Ω
Common Parameters	Power	DC 5V
	Size	92*48*25.5mm
	Control panel	No
	Working temperature	0°C~50°C no condensation
	Storage temperature	-20°C~75°C
	Work humidity	20%~70%RH
	Storage humidity	0%~90%RH, no condensation

Application diagram

