FionTu
方图集团

▶ Feature:

1.FT-4ISMUS is an SDI seamless input board that supports 4-channel SDI audio and video signal input, 4-channel SDI video loop output, and supports digital high-definition 1080P60Hz signal. It has a highly integrated board design and can be equipped with any number of boards as needed, which brings great convenience to application and maintenance

2.Supports 8-channel SDI interface and Phoenix terminal audio socket

3.Supports fast seamless switching, no flicker, no black screen

4.Supports power-off on-site switching memory protection function, unique ESD static protection function

5.Supports audio selection input for HDMI embedded audio/external analog audio

6.Supports image parameter correction

7.Compatible with HDMI1.3 and HDCP1.4 standards

8.The maximum resolution supports 1920X1080@60HZ resolution, with a 20-meter cable length with equalization

9.Supports hot plugging, plug and play, extremely convenient

10.Supports online update of board program for easy maintenance and upgrade

▶ Specification:

Protocol	HDMI1.3 standard, HDCP1.4 protocol
Gain	0 dB
Pixel bandwidth	300MHz, all digital
Interface bandwidth	4.5Gbps, all digital (13.5Gbps in total, 4.5Gbps for each color)
Maximum supported resolution	1920*1080@60HZ resolution
Bit clock jitter (Clock Jitter)	<0.15 Tbit
Rise time	<0.3Tbit (20%--80%)
Fall time	<0.3Tbit (20%--80%)
Maximum transmission delay	5nS (±1nS)
Interface	8-way BNC female interface, 4-way 3P Phoenix terminal audio input
Signal strength	T.M.D.S.+/-0.4Vpp
Minimum/maximum level	T.M.D.S.2.9V/3.3V
Impedance	50Ω
EDID	Adaptive input EDID
Maximum DC bias error	15mV
Recommended maximum input/output distance	input less than 20 meters
Product weight	about 1KG
Maximum power consumption	15W