



Feature:

- 1.FT-4IHMUS is an HDMI seamless input board that supports 4-way HDMI audio and video signal input, supports digital high-definition 1080P60Hz signal, and has a highly integrated board design. The number of boards can be selected as needed, which brings great convenience to application and maintenance
- 2.Supports 4-way HDMI-A female interface and 3.5mm 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 (± 1 nS)
Interface	4-way HDMI-A female interface, 4-way 3.5mm audio input
Signal strength	T.M.D.S.+/-0.4Vpp
Minimum/maximum level	T.M.D.S.2.9V/3.3V
Impedance	50 Ω
EDID	Adaptive input EDID
Maximum DC bias error	15mV
Recommended maximum input/output distance	input less than 20 meters
Product weight	about 0.8KG
Maximum power consumption	15W