



Feature:

- 1.FT-4OHMUS is an HDMI audio and video signal output board that supports digital high-definition 1080P signals. 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 4-way HDMI-A female interface and 3.5mm audio socket
- 3.Supports fast and seamless switching, no flicker, no black screen
- 4.Supports power-off on-site switching memory protection function, unique ESD static protection function
- 5.Supports simultaneous output of analog audio and HDMI audio
- 6.Compatible with HDMI1.3a standard, HDCP1.3 protocol, DVI1.0 protocol
- 7.Supports line doubling function, and the maximum resolution supports 1920*1080@60hz
- 8.With gain 25 meters long line, with independent audio output
- 9.Supports adjustable output resolution and image parameter modification
- 10.Support hot-swap, plug and play, extremely convenient
- 11.Support image stitching function

Specification:

Protocol	HDMI1.3 standard, HDCP1.4 protocol
Gain	0dB
Pixel bandwidth	165MHz, all digital
Interface bandwidth	2.25Gbps, all digital (total 6.75Gbps, each color is 2.25Gbps)
Maximum supported resolution	1920*1200@60hz
Bit clock jitter (Clock Jitter)	<0.15Tbit
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 socket
Signal strength	T.M.D.S.+/-0.4Vpp
Minimum/maximum level	T.M.D.S.2.9V/3.3V
Impedance	50 Ω
Maximum DC bias error	15mV
Recommended maximum input/output distance	output less than 25 meters, at 1600x1200@60 (it is recommended to use certified HDMI dedicated cables, such as Molex TM wire)
Product weight	about 0.5KG
Maximum power consumption	15W