



Feature:

1. FT-4IDMUS is a DVI-I universal seamless input board with 4 DVI interfaces; supports high-definition CVBS, S-VIDEO, YUV, VGA, DVI signal input in multiple formats; highly integrated board design, the number of boards can be selected as needed, which brings great convenience to application and maintenance
2. Support 4-way DVI-I female interface
3. Support fast seamless switching, no flicker, no black screen
4. Support power-off on-site switching memory protection function, unique ESD static protection function
5. Support image parameter correction
6. Compatible with HDMI1.3 and HDCP1.4 standards
7. The maximum resolution supports 1920x1200@60HZ resolution, with a 20-meter cable length with equalization
8. Maximum resolution supports 1920x1200@60HZ ultra-2K resolution, supports high-definition CVBS/S-VIDEO/YUV/VGA/DVI (adapter cable required), and automatically identifies the input signal type
9. Supports hot plugging, plug and play, extremely convenient

Specification:

Protocol	HDMI1.3 standard, HDCP1.4 protocol
Gain	0 dB
Pixel bandwidth	300MHz, all digital
Interface bandwidth	4.5Gbps, all digital (a total of 13.5Gbps, 4.5Gbps for each color)
Maximum supported resolution	1920x1200
Bit clock jitter (Clock Jitter)	<0.15 Tbit
Bit rise time (Risetime)	<0.3Tbit (20%--80%)
Bit fall time (Falltime)	<0.3Tbit (20%--80%)
Maximum transmission delay	5nS ($\pm 1nS$)
Interface	4-way DVI-I female interface
Signal strength	T.M.D.S.+/-0.4Vpp
Minimum/maximum level	T.M.D.S.2.9V/3.3V
Impedance	50 Ω
EDID	Optional default EDID and read function.
Maximum DC bias error	15mV
Recommended maximum input/output distance	input less than 20 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