



Feature:

1. FT-4IBT40 is an HDBT input board that supports 4 RJ45 interfaces and HDBaseT4K signal input. It has a highly integrated board design and can be equipped with any number of boards according to needs, which brings great convenience to application and maintenance
2. Support 4 HDBaseT signal input
3. Support power-off on-site switching memory protection function, unique ESD static protection function
4. Support bidirectional infrared and bidirectional RS232 transmission functions
5. Compatible with HDMI1.4 and HDCP2.0 standards
6. The maximum resolution supports 4Kx2K@30Hz, 1080P70M 4K3035M
7. Support hot plug, plug and play, extremely convenient.
8. Seamless switching can be achieved with 4k seamless output card
9. Support POC power supply function, and a matching POC transmitter is required

Specification:

Protocol	HDMI1.4 standard, HDCP2.0 protocol
Gain	0 dB
Pixel bandwidth	300MHz, all digital
Interface bandwidth	3.4Gbps, all digital (10.2Gbps in total, 3.4Gbps for each color)
Maximum supported resolution	4Kx2K@30Hz
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 (±1nS)
Interface	4-way RJ45
Signal strength	T.M.D.S.+/-0.4Vpp
Minimum/maximum level	T.M.D.S.2.9V/3.3V
Impedance	50Ω
EDID	Support EDID management and learning
Maximum DC bias error	15mV
Recommended maximum input/output distance	input less than 70 meters, at 1080P resolution (CAT6 or above)
Product weight	about 0.5KG
Maximum power consumption	6W