Feature:

1. Support 4-way 30RJ45 signal output

2. Support power-off on-site switching memory protection function, unique ESD static protection function

3. Support POC power supply function, the receiving end does not need power supply

4. Compatible with HDMI1 .4 and HDCP2.0 standards

5. Maximum resolution supports 4Kx2K@30Hz, 4k30 can be transmitted 40 meters, 1080P70 meters

6. Support hot plug, plug and play, extremely convenient.

7. Support seamless switching across resolutions, input 1080P/4K30 can achieve seamless switching

8. Support output resolution change

9. Support splicing function

10.FT-4OBT40 is a HDBT seamless output card with 4 RJ45, 4 232, 4 bidirectional IR interfaces, supporting 4K signals. Highly integrated board design, the number of boards can be selected as needed

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 (Rise time)	<0.3Tbit (20%--80%)
Bit fall time (Fall time)	<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 20 meters, at 1080P resolution (it is recommended to use certified HDMI dedicated cables, such as Molex TM cables)
Product weight	about 0.5KG
Maximum power consumption	5W