FionTu
方图集团

► Feature:

1. FT-4OBT70 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

2. Support 4-way 30RJ45 signal output

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

4. Support POC power supply function, no power supply required at the receiving end

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

6. Maximum resolution supports 4Kx2K@30Hz, 4k30 can be transmitted 70 meters, 1080P 100 meters

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

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

9. Support output resolution change

10. Support splicing function

► Specification:

Protocol	HDMI1.4 standard, HDCP2.0 protocol
Gain	0 dB
Pixel bandwidth	300MHz, all digital
Interface bandwidth	3.4Gbps, all digital (a total of 10.2Gbps, each color is 3.4Gbps)
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	70/100M
Product weight	about 0.5KG
Maximum power consumption	5W