



4K UHD Output Card

Embedded: HD matrix output card embedded software V4.38

TS-9404UHO



Description:

The 4-channel HDMI UHD output card supports 4 channels of HDMI audio and video signal output, and supports digital HD 4Kx2K@30Hz signal, featuring high integration. The quantity of the boards is optional as needed. It is very convenient for application and maintenance.

Feature:

- * Support four HDMI-A female input interfaces and four 3.5mm audio interfaces.
- * Support power off memory protection function, and unique ESD electrostatic protection function.
- * Support hot plugging, support synchronous switching of audio and video signals.
- * Support synchronous output of analog audio and HDMI embedded audio.
- * The maximum output distance is 10 meters, at 4Kx2K@30Hz (recommended to use certified HDMI special cables, such as Molex TM cables, the transmission distance varies according to the quality of the cable)
- * Compatible with HDMI2.0 standard, HDCP2.2 protocol, DVI1.0 protocol.
- * Support the maximum resolution of 4Kx2K@30Hz (YUV4: 2:0).
- * Plug and play, easy to use.

Specification:

Model	TS-9404UHO
Protocol	Support HDMI2.0 standard, HDCP2.2 protocol, DVI1.0 protocol.
Pixel bandwidth	337MHz, full digital
Interface bandwidth	18Gbps, full digital
Maximum resolution	4Kx2K@30Hz (YUV4:2:0)
Clock Jitter	<0.15 Tbit
Rise time	<0.3Tbit (20%--80%)
Fall time	<0.3Tbit (20%--80%)
Maximum transmission delay	5nS(±1nS)
Signal type	HDMI-A full digital T.M.D.S signal in HDMI 1.4 specification
Signal strength	T.M.D.S +/- 0.4Vpp
Interface	Four HDMI-A female interfaces, four 3.5mm audio interfaces
Minimum/maximum level	T.M.D.S 2.9V/3.3V
Maximum DC offset error	15mV
Maximum power consumption	15W
Weight	About 0.5kg
Maximum output distance	10 meters