



# 4K UHD Input Card

Embedded: HD matrix input card embedded software V4.40

## TS-9404UHI



### Description:

The 4-channel HDMI UHD input card supports 4 channels of HDMI audio and video signal input, 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 4 channels of HDMI-A female interface input.
- \* Support power off memory protection function, and unique ESD electrostatic protection function.
- \* Support hot swap, support synchronous switching of audio and video signals.
- \* 1080P digital signal supports up to 15 meters of transmission, and 4Kx2K@30Hz supports up to 10 meters of transmission. It is 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).
- \* Support hot swap, plug and play, easy to use.

### Specification:

Model	TS-9404UHI
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
Interface	4 HDMI-A female interfaces
Signal strength	T.M.D.S +/- 0.4Vpp
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 distance between input and output	15 meters