Technical Specifications
TL-2X2-HD

Features at a Glance

- 4K HDMI Matrix 2x2
- Supports HDCP 1.4
- Supports automatic EDID management with Copy mode
- 10m HDMI input transmission distance @4K and 15m for output

TL-2X2-HD is 4K 2 x 2 slim matrix for HDMI with Ultra HD 4K support. It reliably distributes two HDMI source signal up to two HDMI displays. The matrix supports resolutions up to 4K@30Hz and is HDCP compliant.

This matrix features two advanced technologies: automatic EDID management, which provides Copy EDID options for different output resolutions, and HDCP management, which authenticates HDCP encryption between all devices, ensuring the HDMI source reliably outputs correct content for display.

It provides analog audio output de-embedded from HDMI 2.

It is ideal for applications such as offices, schools, conferences rooms, shopping malls, hotels or museums, which require the distribution of an HDMI source signal to multiple displays.

Specifications

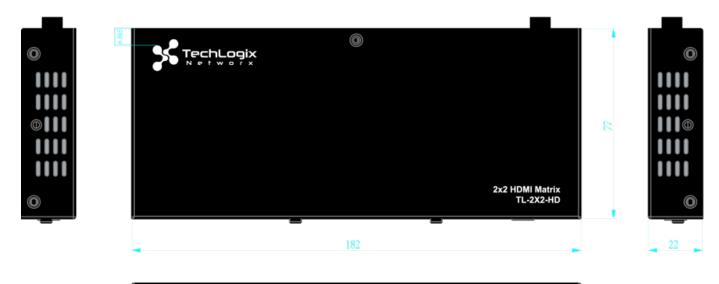| Technical	
Input	2x HDMI IN
Input Signal Type	HDMI 1.4
Input Resolution Support	720 x480@30Hz/60Hz, 720 x 576@30Hz/60Hz, 1080 x 720@30Hz/60Hz, 1920 x 1080@30Hz/60Hz, 1920 x 1200@60Hz, 3840 x 2160@30Hz, 4096 x 2160@24Hz
Input Video Level	0.5-1.0 V p-p
Input DDC Signal	5V p-p
Maximum Pixel Clock	297MHz
Output	2 x HDMI OUT 1 x Audio OUT
Output Signal Type	HDMI 1.4
Output Resolution Support	720 x480@30Hz/60Hz, 720 x 576@30Hz/60Hz,

	1080 x 720@30Hz/60Hz, 1920 x 1080@30Hz/60Hz, 1920 x 1200@60Hz, 3840 x 2160@30Hz, 4096 x 2160@24Hz
Video Impedance	100 Ω
General	
Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Humidity	10% to 90%, non-condensing
ESD Protection	Human-body Model: ±8kV(Air-gap discharge)/ ±4kV(Contact discharge)
Surge Protection	Voltage: ±1 kV (Ten times respectively for the positive and negative voltage)
Electrical Fast Transient/Burst	Data communication cord: 1 kV Power cord : 2 kV
Power Supply	DC 12V 1A
Power Consumption (Maximum)	5 W
Device Dimensions (W x H x D)	182mm × 22 mm × 77 mm /7.17" x 0.67" x 3.03"
Product Weight	0.34kg
Certification	CE, FCC, RoHS

Dimensional Drawings