

Technical Specifications

TL-DA14-F2

Features at a Glance

- Advanced EDID management
- Automatic downscaling per output
- Supports HDMI 2.0, 4Kx2K@60Hz 4:4:4
- HDCP 2.2 compliant
- 18Gbps video bandwidth



The TL-DA14-F2 is an 18Gbps HDMI splitter with four simultaneous outputs. Compatible with HDMI 2.0a & HDCP 2.2/1.4 sources and devices, the TL-DA14-F2 supports video resolutions up to 8k30 (4:2:0 8bit).

The TL-DA14-F2 will support 4k video with HDR¹, xvYCC, x.v.Color, and Deep Color.

The TL-DA14-F2 can downscale video² on each output individually to match the connected display's highest compatible resolution. This feature is required when mixing 4k and 1080p displays in the same installation. Advanced EDID management puts you in control of what resolution the source will output.

Notes:

1. HDR content can pass through the TL-DA14-F2 but cannot be processed properly for 1080p displays.
2. Certain video conversions are not supported:
 - a. 4k60 4:2:2 to 1080p
 - b. Frame rate conversion
 - c. 4k60 4:2:2 to 4k60 4:2:0

Specifications

I/O Connections	
HDMI Input	One HDMI type A receptacle
HDMI Outputs	Four HDMI type A receptacle
DC 5V Power	One micro USB Type B port
Supported Video and Audio	
Resolutions	480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 1080p, 4Kx2K (60Hz 4:2:0 10bit, 60Hz 4:4:4 8bit), 8kx4k (30Hz 4:2:0 8bit)
Video Compliance	HDMI 2.0a, HDCP 2.2
Bandwidth	Single-link 600MHz (18 Gbps)
Embedded Audio Compatibility	DTS-HD Master Audio, Dolby TrueHD, Dolby Digital, DTS, DVD-Audio, LPCM, SACD, MPCM
Maximum Passive HDMI Distance	10 m (33 ft)
Input DDC Signal	5.0 volts p-p (TTL)
Input Video Signal	0.5 ~ 1.0 volts p-p
Chassis and Environmental	
Enclosure	Painted steel
Dimensions (W x H x D)	136mm x 62mm x 20 mm (5.3 in x 2.4 in x 0.8 in)
Dimensions (W x H x D) (Package)	264mm x 170mm x 77mm (10.4 in x 6.7 in x 3 in)
Weight	0.23 Kg (8.1 oz)
Weight (Shipping)	0.77 Kg (1.7 lbs)
Operating Temperature (Environment)	0° ~ 40° C (+32° ~ +104° F)
Operating Humidity (Environment)	20% ~ 90% Non-condensing
Storage Temperature (Environment)	-20° ~ 60° C (-4° ~ +140° F)
Storage Humidity (Environment)	20% ~ 90% Non-condensing
Power, ESD, Regulatory	
Maximum Power Consumption	10W
Power Supply	5V at 2A DC
Regulatory	CE, FCC
Other	
Standard Warranty	3 Year
Indicators	1 Power, 1 Input status , 4 Output connection status
Firmware Update	Via Mini-USB (Front Panel)
Included Items	User Manual Card, Power adaptor

Dimensional Drawings

