Technical Specifications
TL-2X1-HDVC

Features at a Glance

- Multiple scaled output resolutions
- 1 x VGA + 3.5mm stereo audio input, up to 1920x1200@60Hz.
- 1 x HDMI input, up to 4k@60Hz (Chroma sub-sampling 4:2:0 8-bit only).
- Auto-sense and switching to the latest input.
- CEC controller built in to power on/off sink device by auto-detecting the source status.
- Switch source devices or power on/off of display devices via select buttons.

The TL-2X1-HDVC is a VGA/HDMI Smart Switcher with direct CEC control, offering one HDCP compliant HDMI input, a VGA with analog stereo audio input, and a HDMI output up to 4K@60Hz (Chroma sub-sampling 4:2:0 8-bit only) without scaler.

Its built-in CEC controller allows user to directly switch the power status of CEC-supported display device, such as TV or projector, eliminating the need of IR Remote or RS232 control. Select buttons in the front panel help users to choose input sources, or power on/off display device. Two groups of Contact Closure are also provided for 3rd party key pad controlling, with LED indication to show the status.

Specifications

Technical	
Input	2 x HDMI IN 1 x VGA IN
Input Signal Type	HDMI: HDMI1.4 with HDCP VGA: VESA
Input Resolution Support	HDMI: 4096x2160@24/25/30/50/60Hz, 3840x2160@24/25/30/50/60Hz, 1080P, 1080I, 720P, 576p, 576i, 480p, 480i; VGA: 1920x1200/1920x1080/1680x1050/1600x1200/1600x900/1400x1050/1440x900/1366x768/1280x1024/1280x800/1280x768/1280x720/1024x768/800x600/640x480@60Hz
Input Video Level	0.5-1.0 V p-p

Maximum Pixel Clock	HDMI:340MHz VGA:165MHz
Output	1 x HDMI OUT
Output Signal Type	HDMI1.4 with HDCP
Output Resolution Support	VESA (60 Hz): 640 x 480, 800 x 600, 1024 x 768, 1280 x 768, 1280 x 800, 1280 x 960, 1280 x 1024, 1360 x 768, 1366 x 768, 1440 x 900, 1600 x 900, 1600 x 1200, 1680 x 1050, 1920 x 1200 SMPTE: 720 x 480@60Hz, 720 x 576@50Hz, 1280 x 720@50/60Hz, 1920 x 1080@50/60Hz, 3840 x 2160@30Hz
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 12 V/0.5 A
Power Consumption (Maximum)	1.5W
Device Dimension (W x H x D)	141.8mm x 64.2mm x 20mm 5.54'' x 2.53'' x 0.70''
Product Weight	0.22kg
Certification	CE, FCC

Dimensional Drawings