

Technical Specifications

TL-SM3X1-HDV

Features at a Glance

- Two HDMI inputs, one VGA input & one HDMI output
- HDMI video resolution up to 4K@30 4:4:4
- VGA video resolution up to 1920x1200@60Hz
- HDMI 1.4 & HDCP 1.4 compliant
- MHL support on HDMI input channel 1
- IR remote control & front panel control
- Integration with TechLogix table inserts for signal pass-through & remote control
- Micro USB firmware port
- EDID pass-through
- CEC pass-through with display control
- Hot-plug support



The TL-SM3X1-HDV is a 3x1 video switcher with two HDMI inputs, one VGA input and one HDMI output. The unit supports HDMI video resolutions up to 4K@30, as well as multichannel audio. The unit supports VGA video resolutions up to 1920x1200@60Hz.

The TL-SM3X1-HDV supports two operating modes: auto-switch mode and manual switch mode. When in auto-switch mode, the unit will automatically switch to a signal input as soon as a new source is connected. When the active source is removed, the unit will select the first source on the lowest numbered input.

In manual switch mode, the TL-SM3X1-HDV will switch between connected inputs when a control command is sent to the unit via IR or through a command sent by compatible table inserts, or by using buttons on the front panel of the unit.

In addition to controlling the switching of the source inputs, the TL-SM3X1-HDV also controls a display connected via an HDMI cable via CEC commands. This allows for automatic power on/off commands to be transmitted from the unit (as well as connected table inserts) to the display, thereby providing a complete room connectivity and control solution.

Specifications

Input/output	
Video Input	1 HDMI/MHL 1 HDMI 1 VGA
Video Input Connector	2 female HDMI 1 female VGA (15-pin)
Input Video Signal	HDMI, YPbPr, C-video, VGA
Video Output	1 HDMI
Video Output Connector	1 female HDMI
Output Video Signal	HDMI
Output Resolution	HDMI output video support HDMI 1.4 & HDCP 1.4; maximum resolution of 4K@30 4:4:4 VGA output video support HDMI 1.4 & HDCP 1.4; maximum resolution of 1920x1200. Other supported resolutions include: 1920x1080, 1600x1200, 1600x900, 1360x768, 1280x800, 1280x720, or 1024x768.
Audio	
Audio Input	1 stereo audio input for VGA video
Audio Input Connector	1 3.5mm stereo jack
Audio Input Impedance	>10kΩ
Frequency Response	20Hz~20K Hz
Stereo Channel Separation	>80dB @1KHz
Control Part	
Control Port	3 Dry Contact (C1~C3) 1 FIRMWARE
Control Connector	3 3.5mm mini jack 1 Micro-USB
Control Buttons	Front Panel: HDMI 1, HDMI 2, VGA, AUTO Rear Panel: RES RESET
General	
Temperature	0 ~ +50°C
Humidity	10% ~ 90%
Power Supply	DC12V 1A
Max Power Consumption	2W
Dimension (W*H*D)	201.5mm x 22.0mm x 84.0mm
Weight	246g
Compatible TechLogix Table Inserts	TL-SMG-HD (HDMI) TL-SMG-VGA (VGA) TL-SMG-DP (DisplayPort)
Warranty	3 years

