SWT3-21-H
2x1 4K60 HDMI Switcher

| HDMI | Ethernet - RJ-45 | 4K/60 UHD (4:4:4)

SWT3−21−H is an intelligent 2x1 automatic switcher for 4K60 4:4:4 HDMI video signals, with plug and play user experience such as priority or last−connected auto−switching based on active video signal detection, and easy remote IP−driven management and control

FEATURES

Auto Switcher Ease of Use - Automatically plays the switched source signal on the connected display according to user–configured preferences, such as priority or last–connected input. When the user manually switches, by pressing a button, the auto switching is overridden

HDMI Signal Switching - HDCP 2.2 compliant, supporting deep color, x.v.Color™, CEC, lip sync, HDMI uncompressed audio channels, Dolby TrueHD, DTS–HD, 2K, 4K, and 3D as specified in HDMI 2.0

I–EDIDPro™ Kramer Intelligent EDID Processing™ - Intelligent EDID handling, processing, locking and pass–through algorithm ensures plug & play operation for HDMI source and display systems

Multi–channel Audio Switching - Up to 32 channels of digital stereo uncompressed signals for supporting studio–grade surround sound

Audio De–embedding - The digital audio signal passing–through to the HDMI output, is de–embedded, converted to an analog signal and sent to the stereo balanced analog audio output. This enables playing the audio on a locally connected professional audio system (such as DSP) and speakers, in parallel to playing it on the speakers connected to the AV acceptor device (such as TVs with speakers)

Display On/Off Operation - Meeting presentation is simplified by manually or automatically turning ON/OFF a CEC–enabled or serially−controlled display when the presentation source is plugged in / unplugged with user–defined shut–down delay

Simple and Flexible Control - Remote IP−controller connection, browser operation webpage, local panel buttons, and remotely connected contact−closure buttons triggering configurable operation functions, for easy and fully flexible user ports selection, signals routing, and switcher control

Built-in Intelligent Control Gateway - Remote IP−driven intelligent control of connected HDMI and sensor devices via RS−232 or I/O. Eliminating the need for an external control gateway, this feature reduces installation complexity and costs, to enable easy integration with control systems, such as Kramer Control

Secured Operation - Standard IT–grade 802.1x authentication for secured IT LAN connectivity operation

Comprehensive and Cost–effective Management - Local panel indication LEDs to facilitate easy local maintenance and troubleshooting. Remote IP−driven device firmware upgrade and management, via user−friendly embedded web pages and optional whole site management system, ensure lasting and field proven deployment

Easy and Elegant Installation - PoE powering via LAN port connection, and compact DemiTOOLS® fan–less enclosure for user–reachable table mounting, under table, dropped–ceiling mounting, or side–by–side mounting of 2 units in a 1U rack space with the recommended rack adapter, for easy switcher deployment

TECHNICAL SPECIFICATIONS

Inputs	2 HDMI: On a female HDMI connector
Outputs	1 HDMI: On a female HDMI connector
	1 Balanced Stereo Audio: On 5−pin terminal block connector
Ports	1 RS-232: On a 3−pin terminal block connector
	6 GPIO On an 8−pin terminal block connector
	1 PoE-accepting Ethernet On an RJ−45 connector
Line/Mic Level Input	test test
Video	Max Data Rate: 18Gbps bandwidth (6Gbps per graphic channel)
	Max Resolution: 4K@60Hz (4:4:4) resolution
	Content Protection HDCP 2.2
	HDMI Support Deep Color, 3D, HDR as specified in HDMI 2.0b
Power	Power Adapter: Source: 5V DC, 4A
	Consumption: 0.53A
	PoE Consumption: 90mA
	PoE Max. Power: 4.32W
Enclosure	Size: DemiTOOLS®
	Type: Aluminum
	Cooling: Convection ventilation
Environmental Conditions	Operating Temperature: 0° to +40°C (32° to 104°F)
	Storage Temperature: −40° to +70°C (−40° to 158°F)
	Humidity: 10% to 90%, RHL non−condensing
Regulatory Compliance (Standards Compliance)	Health, Safety, Environmental: RoHs, WEEE, CE
Product Dimensions	19.05cm x 5.96cm x 2.74cm (7.50" x 2.35" x 1.08") W, D, H
Product Weight	0.3kg (0.7lbs) approx
Shipping Dimensions	34.50cm x 16.50cm x 5.20cm (13.58" x 6.50" x 2.05") W, D, H
Shipping Weight	0.8kg (1.7lbs) approx

S1 S2 S3 G S4 S5 S6 G
I/O
LAN PoE
5V DC
AUDIO OUT — RS-232
L+ L- G R+ R- G Rx Tx
HDMI IN 1
HDMI IN 2
HDMI OUT
RESET

HDMI

HDMI

RS-232

Relay

HDMI

Audio

Eth

Blu-ray
Player

Display

Laptop

Configurable
Buttons

Set Top
Box

Active
Speakers

Control
System