



Switching Solutions

SP-SW5100-VUHD

DATA SHEET

3-HDMI, 1-VGA, AND 1-USB-C AUTO-SWITCHER

The SP-SW5100-VUHD is one of the first presentation switchers to support USB Type C mobile devices with integrated power charging capabilities.

The switch is a multiformat, 3-HDMI, 1-VGA, and 1-USB-C set of inputs to a single HDMI output. This switcher is also an auto-sensing auto-switcher that converts the selected input to the HDMI output. Audio is extracted for local sound reinforcement and can be adjusted via RS232/USB/Ethernet as a Pre-Amp, if needed.

The switcher's small form factor allows you to place it behind the display, on a surface or under a table, making this as quick as mounting the controller, pulling the wires, powering the switcher, and walking away!

COMMON APPLICATIONS

The SP-SW5100-VUHD is designed for Huddle spaces, conference rooms, and classrooms. Easily connect a smart phone, tablet, Chromebook using a USB 3 type C cable, or laptop using VGA or HDMI cables. Users will enjoy an automated presentation system which turns on the display, switches to connected inputs, controls volume and shuts down the display when the presentation is finished. Administrators enjoy the trouble-free user experience, simplified installation and affordable low price.



Quick Takes

- Supports Google Chrome, Samsung Galaxy, Dell Laptops, & Other Mobile Devices with USB Type C Alt-DP Video
- Fast Charging USB-C Port, USBPD 2.0 Compliant
- HDMI V1.4b, Up to 4K Resolution
- Auto-Sense / Auto-Switching
- Display Control, Auto On/Off, and Auto-Shutoff
- Pre-Amp Line Level Stereo Output
- Simple, Push-Button Control
- Front Panel, Ethernet, RS232, and IR Control
- Flexible Under Table Mountable Design (optional)
- Low Profile

FEATURES

COMPLETE SYSTEM The SP-SW5100-VUHD is a complete switching system including HDMI, VGA, and USB 3 type C connections designed for use with a single HDM flat panel or projector display.

USB TYPE C Today's meeting/teaching spaces frequently use the USB 3 Type C connector for Chromebooks, tablets and phones, for video content. The switcher routes the high-resolution image from the USB-C connected device to the display while simultaneously providing up to 30 watts of power for quick charging.

USB TYPE C The system supports HDTV and VESA resolutions - including 4K@30 and 1080p@60.

STEREO AUDIO PRE-AMP Stereo audio is extracted from a selected source including HDMI de-embedding and is available through common RCA type connectors. Typically, local powered speakers are connected at this location.

PROXIMITY SENSOR A passive infrared proximity sensor and pre-terminated cable ships with each system. This sensor detects when everyone has left the conference room and shuts down the display after a predetermined period of time extending display life and saving power.

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TECHNICAL DATA

SP-SW5100-VHUD

Resolutions PC/VESA	800x600@60Hz to 1920x1200@60Hz	SP-SW5100-VHUD USB-C Input	1 - USB Type C, female Format: USB Type C Alt-Mode DisplayPort up to 4K@30
Video OUTPUT	HDMI Type A, female	Resolutions	Same as HDMI on left
CONTROL PORTS	Ethernet – RJ-45 Female	AUDIO OUTPUT	(2) RCA 50 Ohm Unbalanced
	RS-232 – DB-9 Female	CERTIFICATIONS	CE, RoHS
	Infra-Red – 3.5mm TRS Female	WARRANTY	3 Year, Parts & Factory Labor
	USB – Type B Mini		

APPLICATION DIAGRAM

