



# SiMA SI-S311

## 3x1 BYOM SWITCHER WITH WIRELESS PRESENTATION

The SI-S311 presentation switcher from TiGHT AV is designed to simplify and enhance your meeting or presentation experience. This unit merges the stability of wired input sources with sophisticated wireless presentation features, establishing itself as a vital asset for meeting rooms, educational applications, and collaborative areas.

This device supports both HDMI and USB-C connections, allowing for resolutions of up to 4K60, which guarantees that your presentations are displayed with clarity and accuracy meeting today's requirements. Featuring BYOM (Bring Your Own Meeting) capabilities, the switcher facilitates the sharing of connected USB devices via USB-C or the USB Host port in conjunction with HDMI input. The USB Host Switching function provides seamless transitions between connected presentation devices, whether executed manually or automatically. Additionally, it includes 1 Gigabit Ethernet passthrough over USB to the connected host, ensuring optimal network connectivity without the need to rely on WiFi.

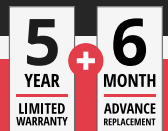
The device's wireless presentation features support a wide range of connectivity options, including Miracast, Airplay, Chrome Cast and optional SiMA Dongles, making it suitable for various applications. It also facilitates reverse control and annotation overlay through a touch display or via a keyboard and mouse, enabling management of the wireless presentation sources.

The switcher is equipped with a Web-UI that offers an intuitive interface for configuration and control. Furthermore, the open API facilitates integration with external control systems, allowing for advanced customization and functionality.

The management and mass-deployment software simplifies the deployment and oversight of multiple units, making it particularly suitable for large-scale installations.

## KEY FEATURES

- 3x1 BYOM Presentation Switcher
- HDMI and USB-C wired inputs up to 4K60 4:4:4
- Dynamic or manual USB host switching for wired sources in conferencing applications that utilize room USB peripherals
- Wireless presentation via Miracast, Airplay, Chrome Cast, App and/or optional SiMA Dongles
- Supports split screen presentation in wireless mode
- Extensive EDID and HDCP management
- Audio de-embedding
- Web-UI for configuration and management
- Open API for external control system
- Management and mass-deployment software
- 1G Ethernet to USB Host
- Touch display support
- Reverse control of connected PC via USB, Miracast or Dongle from touch display or keyboard and mouse
- Built-in whiteboard and annotation for wireless presentation
- Easy installation beneath a table or desk with included mounting brackets
- User customizable welcome screen
- Fan-less design



## TiGHT POLICY

### Faulty product - minimal down time.

Up until six months after purchase, TiGHT AV will replace your product in advance of return of faulty product.

### Your investment - built to last.

All TiGHT AV products come with a five year limited warranty.



## SPECIFICATIONS

### VIDEO

Video Input:	(1) HDMI 2.0b, (1) USB-C 2-lane DisplayPort alt mode, DisplayPort 1.4a, (1) Wireless Presentation
Input Connector:	(1) Type-A female HDMI, (1) USB Type-C
HDMI Input Resolution:	Up to 4K@60Hz 4:4:4
USB-C Input Resolution:	Up to 4K@60Hz 4:4:4
Wireless Presentation:	Airplay, Miracast, Chromecast, SiMA App and Dongle
Video Output:	(1) HDMI 2.0b
Output Connector:	(1) Type-A female HDMI
HDMI Output Resolution:	Up to 4K@60Hz 4:4:4
HDCP Version:	HDCP 2.x/1.x

### AUDIO

Audio Output Connector:	(1) 5-pin terminal block. Balanced line audio output.
Frequency Response:	20Hz~20KHz (±3dB)
THD+N:	< 0.05%, 20Hz – 20KHz bandwidth, 1KHz sine at 0dBFS level (or max level)

### USB STANDARD

USB Host:	(1) USB-C: USB 3.2 Gen 1, (1) USB-B: USB 3.2 Gen1
USB Devices:	(3) USB-A: USB 3.2 Gen 1, (1) USB-C: USB 3.2 Gen 1
USB Device Power:	Shared total 20W

### CONTROL

Control ports:	(1) RS232, (1) TCP/IP
RS232 :	(1) 3 pin Phoenix connector RX-TX-GND BAUD 2400-115200
TCP/IP:	(1) RJ45 port, 10/100/1000Base-T auto negotiation.

### NETWORK

LAN:	(1) RJ45 port, 10/100/1000Base-T auto negotiation.
Wireless:	(3) WiFi Antennas, IEEE 802.11n/ac 2.4 GHz / 5 GHz, WPA, WPA2, PSK
Security:	IEEE 802.1x, HTTPS, TLS, PEAP/TTLS

### GENERAL

Operation Temperature:	0~40°C
Storage Temperature:	-20°C ~ 60°C
Relative Humidity:	0~85% relative humidity, non-condensing
External Power Supply:	24V/6A
Max Power Consumption:	130W (Fully loaded)
Power Consumption Standby:	5.95W
USB-C Power Charging:	Up to 100W PD3.0
Dimension (W x D x H):	215 x 194 x 28 mm (With antennas attached)
Net Weight:	750g (With antennas attached)
Safety Compliance:	FCC, CE-RED
Environmental Compliance:	RoHS, REACH, WEEE

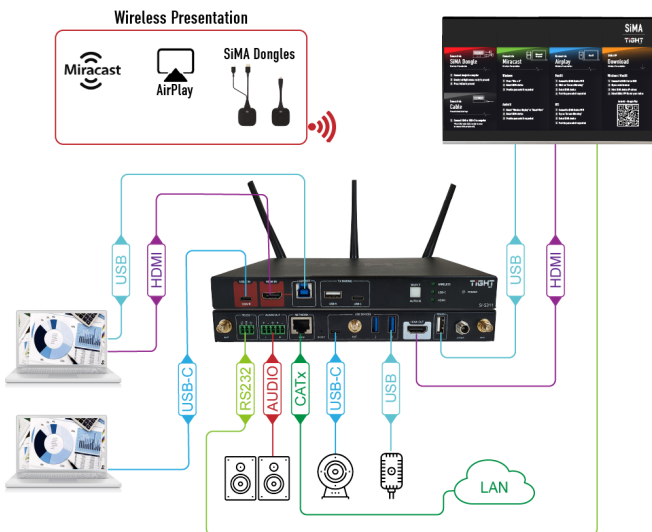
### WARRANTY

Warranty:	<ul style="list-style-type: none"> <li>• 5 years limited warranty</li> <li>• 6-month advanced replacement policy</li> </ul>
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### PACKAGE LIST

<ul style="list-style-type: none"> <li>• 1x SI-S311</li> <li>• 4x Rubber feet</li> <li>• 1x Mounting Kit (Attached by default)</li> </ul>	<ul style="list-style-type: none"> <li>• 1x 4-pin terminal block</li> <li>• 1x Power adapter</li> <li>• 1x User Manual</li> </ul>
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## SYSTEM DESIGN EXAMPLE



## PRODUCT IMAGES



Front



Back



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