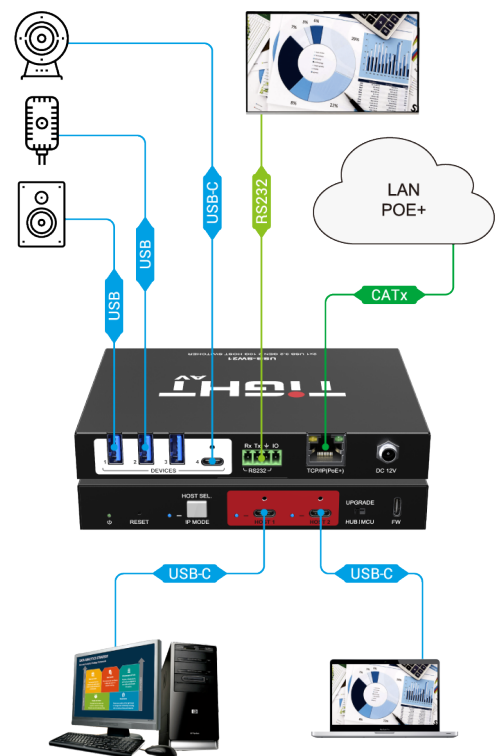# USB-SW21

## 2x1 USB 3.2 10G SWITCHER

The USB-SW21 from TiGHT AV is a professional USB Host switcher that allows you to connect up to 4 USB 3.2 Gen1/Gen2 devices. Users can switch these devices between two different hosts using either auto-switching or manual switching mode. For instance, in auto-switching mode, when a laptop is plugged in, it automatically takes precedence. Once the laptop is unplugged, the system seamlessly switches back to the conference room's computer.

This device is equipped with three USB Type A ports and one Type C port, perfect for connecting various USB peripherals like cameras, microphones, KVMs, and USB flash drives. The selectable USB maximum data rates of 5G or 10G can help address any issues related to cable lengths or other system limitations.

Furthermore, it supports remote control through IP, RS-232, or GPI. It also features an WEB UI for configuration and control

With its robust design and POE+ compatibility, the USB-SW21 is easy to install in any environment.



## KEY FEATURES

• 2x1 USB 3.2 Gen1/Gen2 host switcher, backwards compatible with all prior USB versions
• Plug-And-Play no drivers needs to be installed
• Two USB 3.2 Gen2 10G Type-C Host ports
• Four USB Device ports USB 3.2 Gen1/Gen2 hub with 1xType-C and 3xType-A interfaces
• USB Device ports can monitor power consumption and be turned on off per port
• Supports Auto-switching or Manual Switching mode
• Selectable maximum USB data rate, 5G or 10G support
• Supports PoE+ powering or via external DC 12V adapter (included)
• WEB UI for configuration and control
• Open API for TCP/IP and RS232 control
• GPI supporting Pulse Mode, Level Mode and Contact Closure Mode.



## 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

### HOST

| | |
|---|---|
| Host Ports: | (2) Female USB Type C |
| USB Specification: | USB 3.2 Gen 1/2, USB 3.1 Gen 1/2, USB 3.0, USB 2.0, USB1.1 |
| Max Data rate: | 10Gbps |

### DEVICES

| | |
|---|---|
| Device Ports: | (3) Female USB Type A (1) Female USB Type C |
| Devices power: | Shared 5V@2.6A (13W) |
| USB Specification: | USB 3.2 Gen 1/2, USB 3.1 Gen 1/2, USB 3.0, USB 2.0, USB1.1 |
| Max Data rate: | 10Gbps |

### CONTROL

| | |
|---|---|
| Control : | (1) RS232 (1) GPIO (1) Button |
| Control Connector: | (1) 4-pin terminal block (1) White button |
| TCP/IP(POE+): | (1) RJ45 port, 10/100/1000 Base-T auto-negotiation. IEEE 802.3at (POE+) support |

### GENERAL

| | |
|---|---|
| Model Name: | USB-SW21 |
| Power: | PoE+/DC12V 2A optional |
| Operation Temperature: | -10°C ~ +55°C |
| Storage Temperature: | -25°C ~ +70°C |
| Relative Humility: | 10% ~ 90% |
| Power Consumption: | 18.5W (Max) |
| Dimension (WxHxD): | 150 mm x 21.7 mm x 110 mm |
| Shipping Dimension (WxHxD): | 200 mm x 65 mm x 190 mm |
| Shipping Weight: | 860g |
| Compliance: | FCC, CE |
| Environmental: | RoHS, REACH, WEEE |

### PACKAGE LIST

| | |
|---|---|
| • 1 x USB-SW21 | • 1 x 4-pin terminal block |
| • 4 x Rubber feet | • 1 x RS232 cable (3-pin to DB9) |
| • 1 x Mounting Kit (Attached by default) | • 1 x Power adapter (DC 12V2A) with EU & UK & US converter |
| 1 x User Manual | |

### WARRANTY

• 5 years limited warranty
• 6 month advanced replacement policy

# PRODUCT IMAGES



USB-SW21 Front



USB-SW21 Back

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**5 YEAR** LIMITED WARRANTY **+** **6 MONTH** ADVANCE REPLACEMENT

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