SW14USB

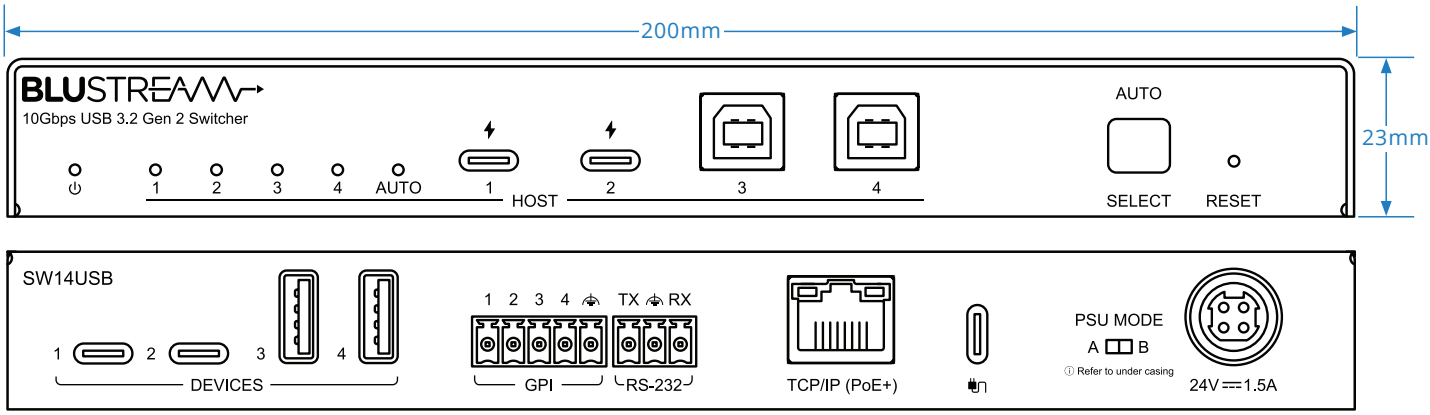
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4-Way 10Gb USB 3.2 Gen 2 Switch

Description

The SW14USB is a high-performance USB 3.2 Gen 2 switcher built for seamless multi-host connectivity. With 10Gb bandwidth, the SW14USB lets you connect up to four USB peripheral devices and switch them effortlessly between up to four host systems, giving sharing flexibility to peripheral devices across multiple workstations without the hassle of constant reconnecting. Supports USB-C PD charging for Host devices (up to 100W) via user's own external USB-C charger, or when using optional 24V 6.5A PSU.

The SW14USB can automatically detect and switch between hosts using intelligent signal-sensing, or manually control with the front-panel buttons, an intuitive web-GUI, GPI, IP, or serial API control. Whether managing a busy production studio, a multi-computer workspace, or a control room environment, the SW14USB delivers the speed, flexibility, and reliability needed to keep and share peripheral devices connected and available across multiple workstations.



Key Features

- USB 3.2 Gen 2 switch allowing up to 4 x USB peripheral devices to connect to 4 x USB hosts
- Features 2 x USB-C and 2 x USB-A device inputs and 2x USB-C and 2x USB-B hosts
- USB 3.2 Gen 2 connectivity with data transfer rate up to 10Gbps
- Backwards compatible with USB 3.2 Gen 1, 2.0 and 1.1
- Auto, manual or GPI switching
- Supports USB-C PD charging for Host devices (up to 100W) via user's own external USB-C charger, or when using optional 24V 6.5A PSU*
- Plug-and-play with no drivers, downloads, or software required
- Features 802.3at PoE+ for powering of product from PoE+ network
- Local 24V power supply input for when network switch does not support PoE+
- Web interface module for control and configuration of SW14USB
- Control via front panel buttons, RS-232, or TCP/IP
- Features 4 x GPI port for integration with 3rd party products

** Standard 24V 1.5A PSU does not support charging of Host devices*

Switch Position A (Default)

- Use supplied 24V 1.5A PSU / PoE+
- PSU powers SW14USB only
- No charging to USB-C Host from PSU
- Use rear USB-C charging port for Host power (100W PD)

Switch Position B

- Use optional 24V 6.5A PSU
- PSU powers SW14USB
- PSU powers USB-C Host (100 PD)
- Do not use with 24V 1.5A

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SW14USB

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Specifications

- Dimensions (W x D x H): 200mm x 115mm x 23mm
- Shipping Weight: 0.8kg (TBC)
- Operating Temperature: 32°F to 104°F (-5°C to +55°C)
- Storage Temperature : -4°F to 140°F (-25°C to +70°C)

Connectivity

- USB Device: 2 x USB Type A, female; 2 x USB Type C, female
- USB Host: 2 x USB Type C, female; 2 x USB Type B, female
- GPI port: 1 x 4-pin Phoenix connector
- RS-232 serial port: 1 x 3-pin Phoenix connector
- TCP/IP Control: 1 x RJ45, female
- Power Supply: 24V / 1.5A DC, 4-pin DIN connector

Box Contents

1 x SW14USB

1 x 24V / 1.5A DC Power Supply

1 x Mounting Kit

Regulatory Compliance

CE UKCA FC RoHS Compliant

CAN ICES-003(B) / NMB-003(B)

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