



Pro AV/IT Integrator Series™ 2x1 USB 3.2 10Gbps Hub Auto Switcher with RS232 Control

USB 3.2 Device Sharing Made Easy

Comprehensive's CSW-USB3210G is a 2x1 USB 3.2 10Gbps hub auto switcher that allows you to switch between two (2) USB host computers to share up to four (4) USB devices such as a keyboard, webcam, PTZ camera, external hard drives, mics and video bar in a room. The CSW-USB3210G can switch automatically when it notices a new device, or you can press a button on the front of the device to switch it yourself. It uses USB 3.2 Gen2, which means it can move data really fast — up to 10 gigabits per second (that's super quick!).

It's plug-and-play, so you just plug it in and it works — no setup needed. It's easy and flexible to use. It is compatible with various operating systems, including Windows®, macOS™, and Linux®, requiring no drivers.



Faster USB Data Transfer Speeds

The CSW-USB3210G allows super speed USB 3.2 Gen2 data transfer, with a maximum transmission speed of up to 10Gbps, fast enough to transfer a full HD movie in just seconds. This high-speed USB 3.2 hub switcher is 20 times faster than USB 2.0 and 5 times faster than USB 3.2 Gen1 and is also compatible with USB 3.0 and USB 2.0. A great solution for any data transfer and device sharing in the room.

Auto & Manual Switching

The CSW-USB3210G offers both manual and automatic switching capabilities, ensuring a seamless experience when transitioning between the two (2) USB host PCs. With the "First-In, Last-Out" rule, this USB 3.2 hub switcher intelligently detects and prioritizes the most recently activated USB host input, eliminating the need for manual intervention during the switching process.

Versatile USB 3.2 Hub and Switching

Take advantage of the USB 3.2 hub and switching capabilities of the CSW-USB3210G. This versatile switcher allows you to seamlessly incorporate your USB devices, such as webcams, mics, capture devices, PTZ camera, speakerphone, or sound bar, into your setup. With the ability to switch between two host PCs, you can easily toggle control and access between different computers, maximizing flexibility and convenience.

Compatible with Interactive Whiteboards including Promethean®

This flexible USB 3.2 hub auto switcher is compatible with a wide range of interactive whiteboards, including the renowned Promethean® Interactive Whiteboards.

Simplified Control at Your Fingertips

Controlling the Comprehensive CSW-USB3210G is a breeze, thanks to its versatile range of control methods. You can easily manage the device using the push buttons located on the front panel, the IR remote control, or hotkeys control. Furthermore, the CSW-USB3210G offers an API that allows for seamless integration with third-party control systems through RS232 control.

USB Device Power Management

Comprehensive's CSW-USB3210G USB 3.2 hub auto switcher supports USB device power management which provides up to 5V 4.5A for power hungry USB devices such as some PTZ camera and webcams.

Isochronous (ISO) Data Transfer

Comprehensive's CSW-USB3210G USB 3.2 hub auto switcher is specifically designed to enhance hardware for video applications requiring Isochronous (ISO) data transfer.

Easy to Install Discreetly

The CSW-USB3210G USB 3.2 hub auto switcher can be easily installed on a wall, in furniture, under a table or hidden within a floor box. The slim and compact design with mounting brackets can be easily concealed behind a wall-mounted display or above a projector.

A Must Have Device for Every AV Space

The CSW-USB3210G is perfectly suited for a wide range of environments, including courtrooms, classrooms, conference rooms, and any other setting where there is a need to access and share USB devices between two (2) different computers.

SWITCHERS

CSW-USB3210G



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Peace of Mind in Every Connection and Quality You Can Count On

Since 1974, Comprehensive has been the trusted manufacturer of top-notch commercial-grade solutions for AV and IT professionals. This product upholds that longstanding tradition with its use of premium materials, components, and rigorous quality control measures, guaranteeing years of reliable and hassle-free usage. Additionally, all components are supported by Comprehensive's 3 Year Warranty, providing you with the confidence that this product will continue to perform flawlessly for many years ahead.

Features

- USB 3.2 Gen2 hub switcher
- Supports USB Super-Speed+ 10 Gbps transfer rates
- Supports auto & manual switching
- Backward compatible with USB 3.0, USB 2.0 and USB 1.1 devices
- Share room's USB devices between two host PCs
- USB power management to supply sufficient current of 4.5A for four USB devices ports
- Supports push button, RS232 and GPIO control
- Plug and play; no additional power supply required
- Durable Metal Enclosure
- Controllable by 3rd party control systems such as Crestron
- 3 Year Worry-Free Warranty

What is this product used for? (primary use):

- USB Super-Speed+ Bandwidth: Allows USB data to be transmitted or shared up to USB 3.2 Gen2 10Gbps data transfer speeds unlike USB 3.2 Gen1 of 5Gbps.
- USB 3.2 Device Sharing: Allows 2-PCs to share and take advantage of a room's webcam, videobar, mouse, keyboard or any other USB devices.
- RS232 Controllable: Allows USB switching for flexible and easy control management.

Where is this product used:

- Conference Rooms
- Workspaces
- Entertainment Room
- Home Theater Systems
- Show Room / Demo Room
- Public commercial displays
- Houses of Worship

SWITCHERS

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Specifications

I/O Connections

USB Host: 2x USB 3.2 [USB-B female]

Device Ports: 3x USB 3.2 [USB-A female], 1x USB 3.2 [USB-C female]

Control: 1x RS-232 [3 pin-3.81mm phoenix connector], 1x GPIO [1 pin-3.81mm phoenix connector]

Technical

Max Data Transfer Rate: 10 Gbps

USB Version: USB 3.2 Gen2

Power & Regulatory

Power Supply: Input: AC 100 - 240V 50/60Hz

Output: DC 12V/2A (locking connector)

Power Consumption: 10.65W

USB Current: 3x USB-A and 1x USB-C share 4.5A total current

Regulatory: (US/EU standard, CE/FCC/UL certified)

Prop 65 Compliant: No

TAA Compliant: Yes

Chassis and Environmental

Construction: Metal Enclosure

Color: Black

Dimensions (W x H x D): 112mm x 21.7mm x 90mm

Operating Temperature: -5~ +55°C

Operating Humidity: 10 - 90% RH (no condensation)

Storage Temperature: -25 ~ +70°C

Package Contents

1x CSW-USB3210G (2x1 USB 3.2 hub switcher)

2x Mounting ears with 2 x screws

4x Rubber feet

1x 4 pin terminal block

1x RS232 cable (3 pin to DB9)

1x DC 12V 2A power adapter

1x User manual

Weight

2lbs

Warranty

3 years

SWITCHERS

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