



RAV-SW-USB-SmartHub
User Manual

RAV-SW-USB-SmartHub 4-Port USB-A Extender



Introduction

RAV-SW-USB-SmartHub is a professional USB 3.0 USB switcher designed as a versatile and intelligent connectivity solution for modern meeting rooms, classrooms, and collaborative spaces.

This compact hub provides x3 USB 3.0 ports for connecting and powering peripherals such as webcams, microphones, keyboards, and storage devices and sharing between two host devices such as a PC and laptop.

Supporting data transfer rates of up to 5Gbps, it ensures fast and efficient performance for demanding setups. Its plug-and-play functionality allows seamless integration with a wide range of devices.

Key Features

- Allow to share three USB3.0 devices between 2 PC hosts.
- Supports data transfer rate up to 5Gbps.
- Compatible with USB 2.0 / USB 1.1 Supports auto switching or via push button.
- Controlled by RS-232.
- Plug-and-Play, no software or drivers required.

Package Contents

- USB switcher x 112V2A PSU w/multi-country adapters x 1
- USB3.0 A to B cable x 2
- USB-A to RS232 cable x1
- USB-C/M to A/F adapter x1

Specifications

Interface	
Host Ports	USB3.2 Gen1 Type-B x 2
Device Ports	USB3.2 Gen1 Type-A x 3
Control Ports	RS232 3-pin terminal block x 1
Power	DC Jack (5.5x2.1mm) x 1
Transmission	
Bandwidth	5Gbps
Control	
Control Methods	Push buttons & RS232 & Auto Switching
Power	
Power Supply	12V2A
Power Consumption	3.6W
Device Current Limit	1A for each port
Environment	
Operating Temperature	0 °C- 50 °C
Storage Temperature	-10°C-60 °C
Humidity	0% to 90% non-condensing
Product Structure	
Housing Material	Plastic
W x H x D	95 x 23.5 x 68 mm
Country of Origin	Taiwan
Certification	
Safety & Emission	CE / UKCA / FCC / RoHS / REACH / TAA Compliant