USB 3.0 2-Port/4-Port Data Switch

Quick Installation Guide

Introduction

The intelligent USB 3.0 Data Switch allows you sharing a single USB 3.0 peripheral with 2/4 different computer systems, avoiding the cost of purchasing duplicate peripherals or the hassle of swapping cables from one system to another.

This unit delivers speed and flexibility, with simple push-button controls for switching between computers, and supports Super Speed USB bandwidth (up to 5 Gbps) ensuring fast data transfers to/from your shared peripheral device. The switch is also backward compatible with USB 2.0/1.1 (480Mbps, 12Mbps respectively), so you don't have to worry about your computer or older peripherals not performing.

The switch can also be connected to a USB hub, to expand the number of devices you can share between the 2/4 connected systems, or to a USB drive enclosure or docking station, for a shared external storage solution..

Features

- USB 3.0 data transfer rates up to 5 Gbps
- Fully Compliant with USB specification 1.1, 2.0 and 3.0
- Push-button controls for switching between computers
- By bus powered, no additional power adapter required
- Compatible OS thru USB 2.0: Windows 98SE /ME /2000 /XP /Vista /7 /8 /8.1 /10 /11; Mac OS 8.6 or higher
- Compatible OS thru USB 3.0: Windows XP / Vista / 7 / 8 / 8.1 / 10 / 11; Mac OS X Mountain Lion or higher
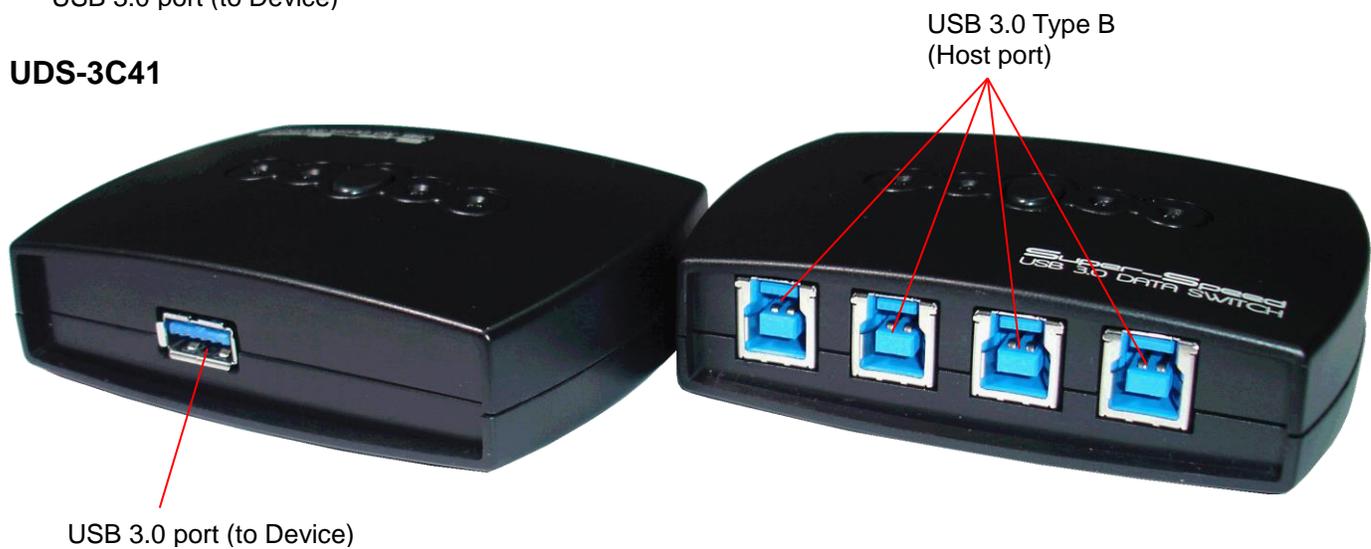- Plug-and-Play, no software or drivers required

Specification

Model No.		UDS-3C21	UDS-3C41
Data Transfer Rate		1.5M / 12M / 480M / 5G bps	1.5M / 12M / 480M / 5G bps
LED		2	4
PC Selector		Push button	Push button
USB Specification		USB 1.1/2.0/3.0 compliant	USB 1.1/2.0/3.0 compliant
Connector	Upstream	USB 3.0 B Female x 2	USB 3.0 B Female x 4
	Downstream	USB 3.0 A Female	USB 3.0 A Female
Power Mode		Bus powered	Bus powered
Extension Cable Length	Input	Max. 2m	Max. 2m
	Output	Max.1m	Max.1m
Housing		Plastic	Plastic
Dimension (L x W x H)		95 x 69 x 26 mm	95 x 69 x 26 mm

Physical Diagram
UDS-3C21

USB 3.0 Type B
(Host port)

USB 3.0 port (to Device)

UDS-3C41

USB 3.0 Type B
(Host port)

USB 3.0 port (to Device)

Installation

- Install the necessary drivers for the peripheral device on each computer it will be shared between
- **Turn Off** all the computers & peripheral device you intent to connect together via the switch before continuing with the installation.
- Connect the USB 3.0 Data Switch to your peripheral device and computers with suitable USB 3.0 cables. (Sold separately)
- Power up your computers and the peripheral device
- Your peripheral device will now be ready to switch between computers

NOTE: If you want to share multiple USB peripheral devices between computers connect a USB Hub to the USB Switch, connecting the peripheral devices to the hub. (As with any peripheral device connected to the Switch, install the necessary drivers on the connected computers before use.).

Operation

- The LED on the USB 3.0 Data Switch will indicate which computer is currently accessing the peripheral device
- To switch peripheral devices between computers simply press the corresponding computer button (1,2,3,4) you wish to switch to on the USB 3.0 Data Switch

Troubleshooting

- The maximum cable length between the Data Switch & peripheral devices or the Data Switch and a computer is 2 meters. Do Not switch to a computer that is in the process of booting
- Computers must be "awake" before it is possible to switch to them. Before switching ensure that the attached USB device is not in use – read/writing discs, printing etc

Regulatory Compliance

Disclaimer

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CE Certification

This equipment complies with the requirements relating to electromagnetic compatibility.
It has been manufactured under the scope of RoHS compliance.

FCC Compliance Statement

This equipment generates and uses radio frequency and may cause interference to radio and television reception if not installed and used properly. This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

You are cautioned that changes or modification not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation

WEEE (Waste of Electrical and Electronic Equipment), Recycling of Electronic Products

In 2006 the European Union introduced regulations (WEEE) for the collection and recycling of all waste electrical and electronic equipment. It is no longer allowable to simply throw away electrical and electronic equipment. Instead, these products must enter the recycling process.

Each individual EU member state has implemented the WEEE regulations into national law in slightly different ways. Please follow your national law when you want to dispose or any electrical or electronic products. More details can be obtained from your national WEEE recycling agency.