

USB Auto Switch Utility for task control and management
Auto switch for easy USB sharing among multiple PCs
USB share status indicated by software icon
Auto / Manual sharing mode selectable

UAS-002/UAS-004

2/4-port USB Auto Switch

Quick Installation Guide

Thank you for purchasing the **UAS-002/UAS-004 USB Auto Switch**! With our highly reliable and quality product, user can enjoy countless benefits from using it.



UAS-002 – Front View



UAS-004 – Front View



UAS-002 – Rear View



AS-004 – Rear View

Introduction

The UAS-002/UAS-004 USB Auto Switch can easily allow a vital USB device such as a printer to be efficiently shared among several computers, without pains and troubles of constantly changing USB cable connections. All this is done intelligently by the working of its smart USB Auto Switch utility that knows when and how to allocate USB resource efficiently to satisfy every connected computer's demand.

The Auto Switch software utility works seamlessly with the USB Auto Switch to serve users, based on a FCFS (First Come, First Serve) basis. The utility assign priority to each USB job request coming from different computers, and queue and control and manage all these tasks in clear and clean sequence.

Users will no longer have to worry about someone switching off their USB connection while printing a very important document on the shared USB printer. In addition to the Auto mode, the Manual mode can also be applied as an available option for this USB Auto Switch. Having this small gadget, you can forget all the troubles and happily use the USB device just like you have it directly connected to your computer while each and every user will be happily served.

Out-of-the-box Installation


Take the Companion CDROM and the KVM Switch out of the box and follow the steps below for installation on each of the computers....

Step 1. Insert the companion CD ROM into your CD drive, and the Autorun screen will pop up (If the Autorun feature has not been enabled on your computer. Just find the Autorun.exe on the CDROM and double-click it to start).

Step 2. Just click the "Software Installation" to start installation. Follow the instructions to completion. If the installation is complete, you will see a USB Autoswitch icon on the system tray of your desktop. Double-click to evoke the configuration box. For configuration details of the Auto Switch software, please refer to the *Auto switch utility configuration*.



Autorun Main Screen

 The Auto Switch software is recommended for use on Windows 98 SE or later.



Available (USB port is idling and no job pending)



Servicing (USB port is in the process of handling your job request now)



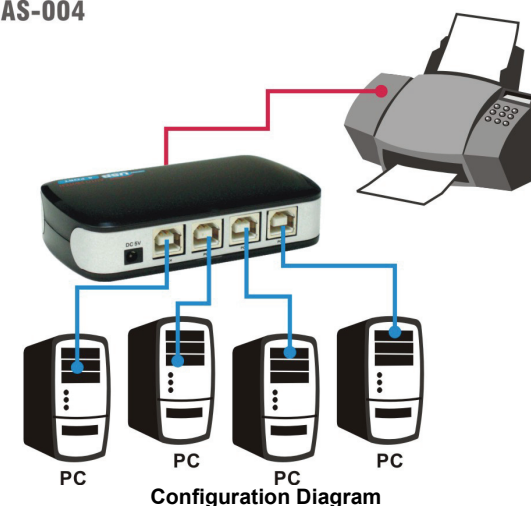
Occupied (USB port is now occupied by other request)



The USB Autoswitch Software supports all Windows platforms from Windows 98 SE and later. However, for the Mac OS operating systems and other OS platforms such as Linux, you can still use the switch in manual mode. That means the USB job requests will not be managed automatically, and has to be managed manually by the user.

Step 3. Repeat Steps 1~2 to install the Auto Switch Software to each of the computer you want to connect.

UAS-004



Step 4. Connect the USB device you want to share to the device port of the USB Auto Switch. (The Device Port is marked with "USB" for indication). Then connect the individual computers to the PC ports. (The PC ports are marked with "PC1", "PC2", "PC3", "PC4" for indication).

After you have connected the KVM and computers properly, Now you need to configure the Autoswitch

utility on each of the connected computer before you can use the Auto Switch function.



The USB Autoswitch is a bus-powered device in that it does not have to rely on power coming from other sources than its PC ports. However, some application of the USB device (such as a USB hard disk storage device that relies solely on power feed from USB port) can demand large power feed from its USB port. In this case, user will need to plug in the external power adapter for more sufficient power output.

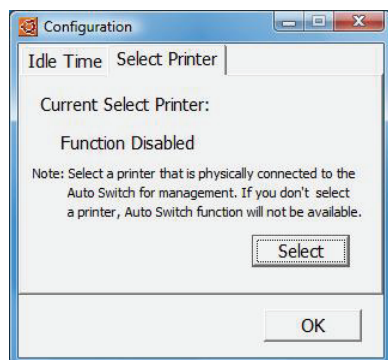
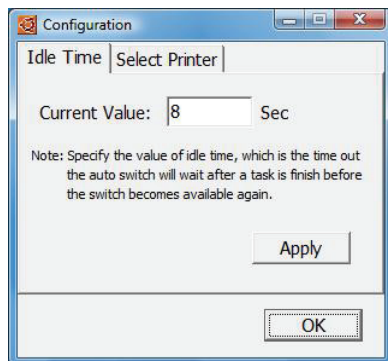
Auto switch utility configuration



Before you can use the Auto mode to manage the USB job requests automatically, one needs to install and configure the Autoswitch utility for optimization.

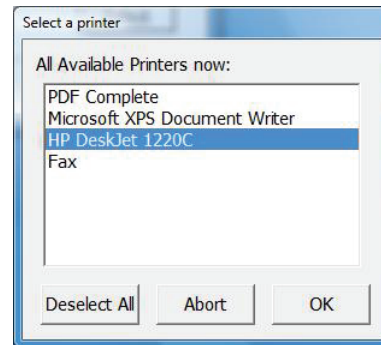
Follow the below steps to configure your Autoswitch utility ...

Step 1. Double-click the AutoSwitch utility icon within the system tray to bring up the Configuration box.



Step 2. Configure the Idle Time: the Idle time is the timeout (in sec) that the Autoswitch will wait after a task is finished before the switch becomes available again. After you have enter the value, click Apply to make it validated.

Step 3. Select Printer: If you connect a Printer to the USB device port for sharing, then you have to specify which printer needs to be managed by the Autoswitch utility when a printing request is directed to it. Click **Select** to bring up the printer listing and then select the printer you want. And then click OK.



Now the Autoswitch utility has been configured, and you can use it on the computer to manage the USB job request automatically.

Step 4. Repeat Step 1 ~ 3 to configure the Autoswitch utility on each of the connected computers.

Select Auto Mode or Manual Mode?

Auto Mode

By default, the Autoswitch will be set in Automode, as indicated by the lit AUTO LED (amber color) on the front panel. Automode means users of each connected computers don't have to worry about whether the shared USB device is available while they are sending out the job requests. They can just "Send-and-Forget" it and the job will be automatically dispatched to the USB device—All these tasks are managed and controlled by the Auto Switch utility.

Thus, we suggest you to install the utility software on each of the connected computers. And let the software utility take care of it for you!!

Manual Mode

However, manual mode is still an option if you need to intervene and designate a certain computer to take the USB device. If that is the case, you can force the Auto Switch into Manual mode just by pressing the *Switch* button on the front-panel.

Auto/Manual Mode Switch Button

The Switch button is located on the front-panel, and which allows the switch to rotate between the following states:

Automode (default) → Manual Mode (Port 1 → Port 2 → Port 3 → Port 4) → Automode

For instance, while you are in Auto Mode, and you press the Switch button for once, it will enter Manual mode/Port 1 (that is, port 1 has the access) and one further press will take the switch to manual mode/port 2 (that is, port 2 has the access) and so on, then right back to Auto Mode again.

While in manual mode, the active port LED (Green) will first lit solid, which indicates that it is dedicated ONLY for the access of that port, and it cannot be switch to other port manually. One has to wait for the timeout (about 16 seconds) to expire before the LED becomes flashing, which indicates that there's no data transmission (hence no job going on for that port) and it can be switch to the next port.

Thus, users can force the Auto Switch to go manual mode in favor of a certain connected computer just to get the more urgent jobs done nice and quickly.

In most cases, Auto mode will suffice. And manual mode will serve only in special cases when users need to allocate the USB resources to a certain computer.

LED Status

AUTO LED (Amber)

ON – Automode

OFF – Manual Mode

PC Port LEDs – PC1, PC2, PC3, PC4 (Green)

ON – Not available for switching to next port (either data transmission going on or still waiting for timeout)

Flashing – Available for switching to next port

Now you can use your USB Auto Switch to manage your USB job request. Enjoy it.