AVLAB I/O SINCE 1997

SuperSpeed USB 3.0 4-Port Powered Hub
User Reference Guide

Introduction

The *SuperSpeed USB 3.0 4-Port Powered Hub* adds four USB ports to your computer and with the included power adapter provides additional power source as needed.

Key Features and Benefits

- Expands a single USB connection to four USB ports
- USB 3.0 interface supports data transfer rates up to 5Gbps and backward compatible with USB 2.0 or USB 1.1 devices
- Included AC power adapter provides external power source as needed, great for power-hungry devices such as USB external storage devices

- Over-Current protection protects your devices from unforeseen power surges, aluminum housing and molding with woven braided cable adds extra durability

Specifications

Interface	USB 3.0
Port	4
Connector	1x USB 3.0 Type-A, Male 4x USB 3.0 Type-A, Female
Data Transfer Rate	Up to 5Gbps
Power	Input: 100-240VAC ~ 50/60Hz Output: 5V/2A
Housing Material	Aluminum
Built-in Cable Length	5.91" (15cm)
Color	Black
Dimensions	3.11" (W) x 0.63" (H) x 1.85" (D)
Weight	0.15 lbs (approximately)
Operating Temperature	32 to 122 degrees F
Storage Temperature	14 to 140 degrees F

Package Contents

- *SuperSpeed USB 3.0 4-Port Powered Hub*
- Power adapter
- User Reference Guide

System Requirements

- Desktop or notebook computer with an available USB port (USB 3.0 recommended)
- Windows® 10 (32-/64-bit) / 8.x (32-/64-bit) / 7 (32-/64-bit) / Vista (32-/64-bit) / XP (32-/64-bit)
- Windows Server® 2012 / 2008 R2 / 2008 / 2003 (32-/64-bit)
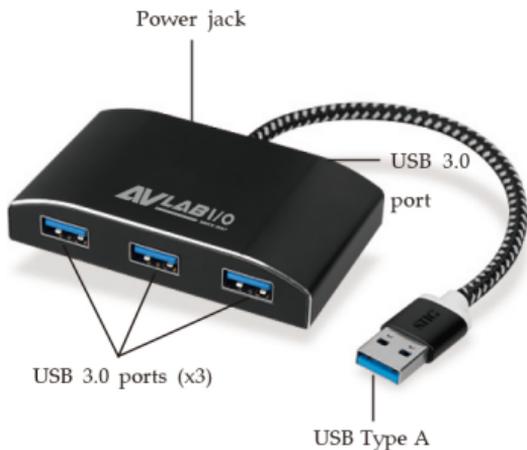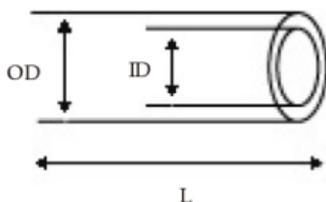- Mac OS X® 10.6 to 10.11

Layout

Power jack

USB 3.0 port

USB 3.0 ports (x3)

USB Type A

Figure 1: *SuperSpeed USB 3.0 4-Port Powered Hub*

- **USB Type-A:** Connects to an available USB port of a computer
- **USB 3.0 ports (x4):** Connects to USB peripherals such as mice, pen drives, or external hard drives
- **Power jack:** Connects to the included power adapter for additional power source (optional)

Power Jack:

Refer to below table for the specifications of the power adapter.

Outside diameter (OD)	Inside diameter (ID)	Plug length (L)	Negative / Positive
3.5(mm)	1.35(mm)	10(mm)	⊖ —— ⊙ —— ⊕ *Center pin for positive voltage and the outer shield for negative voltage

Table 1: Power Plug Specifications

Application

Enhances your computer's USB connectivity instantly and provides external power source which is great for power-hungry devices such as external hard drives.

Note: Connect the included power adapter when the connected USB device(s) are not detected.

Figure 2: Application