

Isolated USB 2.0 4-Port Hub

Isolated USB 2.0 4-Port Hub protects PC or Laptop while connecting USB peripherals which is wired to high voltage. This small, industrial grade isolator hub is very easy to use and provides a high-voltage barrier protection against surges, noise and ground loop errors. It is suitable for using in sensitive applications like automotive measurements.

Isolated USB 2.0 4-Port hub provides a high-voltage isolation barrier between computer and its connected USB devices. The isolation protects equipment from electrical over-voltages and transient voltage spikes, by eliminating ground loop currents flowing between the PC and USB devices which can cause damage and inaccurate measurements. Additionally, isolation minimizes conducted noise from static discharge, magnetic fields and radio frequency interference.

Features

- Isolation 5000VDC between USB host and USB devices.
- USB 2.0 compatible, 1.5Mbps low speed / 12Mbps full speed and 480Mbps high speed Bi-directional communication.
- Short circuit protected for x D+ and x D- lines.
- Isolated host power through a DC-to-DC converter.
- Class 3A contact ESD performance per ANSI / ESD STM5.1-2007; Supports $\pm 15\text{kV}$ ESD protection on each port.
- High common-mode transient immunity $>50\text{ kV}/\mu\text{s}$.
- Auto-Negotiation of Link Speed.
- Supports Windows 98SE / ME / 2000 / XP / Vista / 7 / 8 / 8.1 / 10 / 11, Mac OS 8.6 or higher; no driver installation required.

Specification

Model No.		USB-ISO204
Isolation	D+ & D-	5000VDC
	VCC	3000VDC
Transfer Rate		1.5 / 12 / 480 Mbps
Connector	Host	USB Type-B Female
	Device	USB Type-A Female x 4
Cable Length		0.6 m
Environmental	Operating Temperature	0 ~ 40°C
	Storage Temperature	0 ~ 60°C
	Humidity	0-80% RH, Non-condensing
LED		1
Power Mode	Bus Powered	Up to 300mA
	Self Powered	5VDC 2A / Up to 500mA on each port
Housing		Aluminum
Dimension (L x W x H)		90 x 73 x 31 mm

