USB-4622

5-port USB 2.0 Hub

Packing List

Before installation, please make sure that you have:
- USB-4622 USB Module x 1
- Shielded USB 2.0 Cable (1.8m) x 1
- DIN-rail mounting kit x 1
- Quick Start User Manual

If anything is missing or damaged, contact your distributor or sales representative immediately.

Declaration of Conformity

FCC Class A

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause interference in which case the user is required to correct interference at his own expense.

CE

This product has passed the CE test for environmental specifications when shielded cables are used for external wiring. We recommend the use of shielded cables. This kind of cable is available from Advantech. Please contact your local supplier for ordering information.

Overview

USB-4622 is a 5-port USB 2.0 Hub. It supports USB 2.0 high speed data trans mode (480Mbps*) for Advantech's USB data acquisition modules. Each channel is equipped with a LED indicator that show the working status. USB-4622 also features the DIN-rail mounting capability and the lockable USB cable that provide the rigid connections.

*Note   480Mbps is shared by all 5 ports on USB-4622

Notes

For more information on this and other Advantech products, please visit our websites at:

http://www.advantech.com/eAutomation

For technical support and service:

http://www.advantech.com/support/

This startup manual is for USB-4622.

Part No. 2003462200   1st Edition

May 2007

Specifications

• **Ports:**	Upstream x 1 (TypeB)
	Downstream x 5 (TypeA)
• **Compatibility:**	Universal Serial Bus Specification Rev. 2.0/1.1/1.0
• **Transfer Speed:**	480 Mbit/s-High Speed Mode
	12 Mbit/s- Full Speed Mode
	1.5 Mbit/s-Low Speed Mode
• **Supply Current:**	500 mA max. per channel

General

• **Housing:**	Plastic (ABS+PC)
• **Dimensions:**	132x80x32mm
• **DC Input:**	10~30VDC
• **Power Consumption:**	+24V@36mA
• **Operating Temperature:**	0~60° C (32~140° F)
• **Storage Temperature:**	-20~70° C (-4~158° F)
• **Storage Humidity:**	5~95% RH non-condensing

Installation

Hardware Installation

After the device driver installation is completed, you can now go on to install the USB-4622 module in any USB port that supports the USB 1.1/2.0 standard, on your computer.

Please follow the steps below to install the module on your system:

1. Touch the metal part on the surface of your computer to neutralize the static electricity that might be in your body.
2. Plug your USB module into the selected USB port. Use of excessive force must be avoided; otherwise the module might get damaged.

LED Definitions

The USB Module is equipped with a LED indicator to show the current status of the device. When you plug the USB device into the USB port, the LED indicator will blink five times and then stay lit to indicate that it is on. Please refer to the following table for detailed LED indicator status information.

LED Status	Description
On	Device ready for work
Off	Device not ready to work
Slow Blinking (5 times)	Device initialization
Fast Blinking (Based on data transfer speed)	Device working