

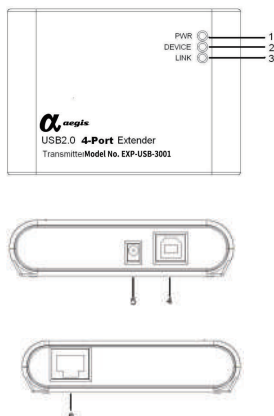
EXP-USB-3001

USB 2.0 Extender 1X4

User's Manual



EXP-USB-3001 Transmitter Unit



ITEM	TYPE	DESCRIPTION
1	PWR LED (Red)	LED turns on when power supplied from Host System (or PC). Off when no power is supplied.
2	DEVICE LED(Green)	Indicates up to 4 USB Devices has been connected to USB Port(s) of the Receiver Unit and active. Off when device(s) do not work properly.
3	LINK LED(Amber)	Indicates a valid interconnection between Transmitter Unit and Receiver Unit is established via Cat-5 cabling.
4	USB INPUT	Uses to connected the Transmitter Unit to the Host System (or PC)
5	POWER PORT	NOT REQUIRED , the Transmitter Unit powered by the Host System (or PC) via USB Port.
6	LINK PORT	Connects the Transmitter Unit to Receiver Unit using Cat-5 cabling

INTRODUCTION

Thank you for purchasing aegis' USB 2.0 4-Port Extender (EXP-USB-3001). This USB2.0 4-Port Extender is capable of sending USB signals across a Cat.5/5e/6 cable up to 50 meters at data rate of High Speed (480Mb/s), Full Speed (12Mb/s) and Low Speed (1.5Mb/s) . Setting up aegis EXP-USB-3001 is quite simple. Using the RJ-45 Connector plugging it in the connections without confusion or difficulty. It takes only minutes to setup, and there is no configuration necessary, like all USB hardware. EXP-USB-3001 is USB 2.0 compliant and it is backward compatible with USB 1.1/1.0.

PACKAGE CONTENTS

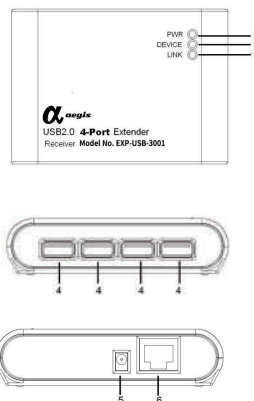
Before installation, please check the items of the package :

- Transmitter Unit X 1
- Receiver Unit X 1
- User's Manual X 1
- Power Adapter (5V, 2A) X 1
- USB type A to USB type B cable

FEATURES

- Support for any High-Speed (480Mb/s), full-speed (12 Mb/s) or low-speed (1.5 Mb/s) USB devices ;
- Allows up to 4 USB devices to have its cable length extended up to 50m ;
- Support suspend/resume detection ;
- Support Hot Plug ;
- Low cost in comparison with extension of cable using Hubs or other USB extender ;
- No software driver required ;
- Operating Temperature : 0°C to 50°C ;

EXP-USB-3001 Receiver Unit

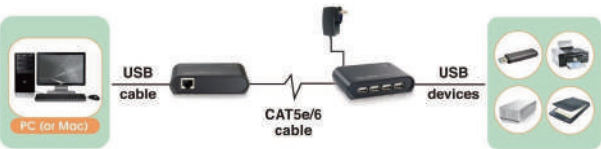


ITEM	TYPE	DESCRIPTION
1	PWR LED (Red)	LED turns on when power supplied from Host System (or PC). Off when no power is supplied.
2	DEVICE LED(Green)	Indicates up to 4 USB Devices has been connected to USB Port(s) of the Receiver Unit and active. Off when USB device(s) do not work properly.
3	LINK LED(Amber)	Indicates a valid interconnection between Transmitter Unit and Receiver Unit is established via Cat-5 cabling.
4	DEVICE PORT	Uses to connect the Receiver Unit to the USB Device(s).
5	POWER PORT	Connects the included 5V/2A DC power supply to Receiver Unit. Required at Receiver Unit for proper operation.
6	LINK PORT	Connects the Transmitter Unit to Receiver Unit using Cat-5 cabling

INSTALLATION

- 1. Connect the Transmitter Unit to the Host System (or PC) via USB Cable (A Male to B Male, supplied by user).
- 2. Connect USB Device(s) to the Receiver Unit.
- 3. Connect the USB 2.0 Extender Transmitter Unit and Receiver Unit together with a Cat-5 Cabling (supplied by user).
- 4. Plug the included 5V/2A DC Power Supply into the USB 2.0 Extender Receiver Unit.
- 5. Plug the AC power cord of power supply into an available electrical outlet. Operational power for the Local Unit is provided by the Host System (or PC).
- 6. Check the LED on USB 2.0 Extender Transmitter Unit and Remote Unit. Make sure that the LED on both unit illuminate in solid light that means the extenders are powered and well communicated.

Application Diagram



System Requirements

- Windows XP/7/Vista/8 ;
- Mac OS
- One available USB Port ;

Specifications

Transmitter Unit	Upstream Port	USB Type B Male
	Downstream Port	RJ45 Jack
	Power	Bus-Powered
	Dimensions	95.3 x 68.0 x 23.3mm
Receiver Unit	Upstream Port	USB Type A Female x 4
	Downstream Port	RJ45 Jack
	Power	Self-Powered (5V/2A)
	Dimensions	95.3 x 68.0 x 23.3mm
Interconnect Cable		Standard Category-5/5e/6 Network Cable
Max Cable Length		50m
Operating Temperature		0°C ~ 50°C

Certifications

This equipment has been tested and found to comply with FCC and CE Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference
- (2) This device must accept any interference received. Including interference that may cause undesired operation.

WEEE Information

For EU (European Union) member users:

According to the WEEE Directive, do not dispose of this product as household waste or commercial waste. Waste electrical and electronic equipment should be appropriately collected and recycled as required by practices established for your country. For information on recycling of this product, please contact your local authorities, your household waste disposal service or the shop where you purchased the product.



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