USB EXTENDER

User's Manual

Description

   This device is an extender between USB device and host(computer)with embedded into connector "intelligent" integrated circuits on both sides of the extender.

   The USB extender with the chip inside is not a passive extender. It is an active device. The USB signals going in and out of this extender in both directions are buffered to assure signal quality. Unlike passive USB extender the IC prevents signal degradation. The embedded "intelligent" integrated circuit cleans, amplifies USB signal and watches USB 1.1 protocol. Its Control State Machine enables and disables USB and Cable transmitters inside the chip depending on USB signals.

Features

- Fully compliant with USB 1.1 specification；
- Provides support for any full-speed (12 Mb/s) or low-speed (1.5 Mb/s) USB devices；
- Allows a USB device to have its cable length extended up to 198 Ft；
- Embedded USB 1.1 Transceivers prevents signal loss；
- Low cost in comparison with extension of cable using Hubs or other USB extender；
- No software driver required；
- USB Led extinguished when there is no sufficient drawn current to carry signals, using optional power adapter for external power supply.

Applications

- WEB-camera
- Surveillance camera
- Printer
- Scanner
- Mouse
- Keyboard
- MP3
- Etc

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System Requirements：

- Windows 98SE/ME/2000/XP；
- Mac OS 9.X/10.X；
- One available USB Port；

Package Contents：

Local Unit with 1 Feet Cable attached；
Remote Unit with LED indicator；
Power Adapter（AC/DC, Output：5V／2A）（Optional）；

Specifications：

Local Unit	Upstream Port	USB Type A Male
	Downstream Port	RJ45 Jack
Remote Unit	Upstream Port	USB Type A Female
	Downstream Port	RJ45 Jack
Built In Cable Length		1 Feet
Interconnect Cable		Standard Category-5/5e/6 Network Cable
Max Cable Length		198 Feet
Supply Current Drawn		20 mA
Operating Temperature		0°C～40°C
Storage Temperature		-40°C～85°C

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