



USB EXTENDER OVER CAT 5 NETWORK CABLE



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

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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