USB 2.0 Extender over Cat5e/Cat6 Cable (RJ45) - Locally or Remotely Powered Industrial Metal USB Extender Adapter Kit w/ ESD Protection - 330ft/100m - 480 Mbps

Product ID: USB2001EXT2PNA

This USB 2.0 extender over ethernet lets you access and use your USB device up to 100 m (330 ft.) away over Cat5e, Cat6, or Cat7 cable. And, because it can be powered by either the local or the remote unit, you have more flexibility to place your USB device exactly where you need it. It's the perfect USB extension solution for warehouses, factories, classrooms, boardrooms, homes, or offices.

Flexible power input options

Many USB-to-Ethernet extenders require that the remote unit has a power source connected for operation, which can make installation difficult. This versatile USB extender over Cat5e and Cat6 overcomes that restriction, letting you connect the power adapter to either the local (transmitter) unit or the remote (receiver) unit as needed.

When the power adapter is connected to the local unit, the USB over LAN extender delivers power over your Cat5e, Cat6, or Cat7 cable, eliminating the need for a power adapter in the remote location. Now you have the added convenience to install your USB device even in a remote location where a power outlet is unavailable, up to 100 m away.

Eliminates hassle and smashes distance limitations

This USB to Cat5e converter overcomes the 16 ft. cable length limitations of traditional USB 2.0 cables, so you can create a more efficient, more flexible workspace. It's perfect for connecting webcams, printers, flash drives, and virtually any USB peripheral.

Plus, with the included power adapter, you can connect USB devices such as external hard drives. For added installation convenience, the USB extender kit features built-in cable-tie slots for mounting to a pole.

Supports any operating system and older devices

The 100m USB extender is multi-platform compatible, so it supports a variety of operating systems such as Windows, Mac, Linux and Chrome OS. Setup is easy with no additional drivers or software required, and the universal USB extender is backward compatible with USB 1.1 and 1.0 peripherals.

The USB2001EXT2PNA is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

RoHS Compliant

CE

WEEE/GK00683TV

FC

OperatingSystem Independent

Applications

• Perfect for environments where the host computer is in an inaccessible location

• Place your USB device virtually anywhere, even in locations where a power outlet is unavailable

• No need to run new wiring, you can extend USB connections between rooms using existing direct, in-wall Cat5, Cat6, or Cat7 cable

• Use as a mid-point repeater to increase the connection distance of your USB peripheral and to reduce cable clutter

Features

• USB 2.0 EXTENDER: Extend a USB device up to 100m/330ft over CAT5e/CAT6 RJ45 ethernet network cable w/ data transfer rates up to 480Mbps; LEDs monitor power, activity status, link & host connectivity Latest version of our extender USB2001EXT2P

• CONNECT REMOTE USB DEVICES: The USB extender let's you remotely access USB devices like printers, cameras, plotters, keyboard/mouse, laser cutters, displays, or CCTV systems from a convenient location

• INDUSTRIAL USB EXTENDER: Built w/ durable extruded aluminum construction for high wear & tear environments w/ mounting brackets incl; provides 8kV/16kV Contact/Air Electrostatic Discharge protection

• POWERED USB EXTENDER KIT: The included power adapter enables the USB port to provide 5V, 500mA of power, and can be connected to either the local transmitter or the remote receiver

• PLUG-AND-PLAY: The extender features driverless installation & is compatible w/ major operating systems incl. Windows, macOS, Linux; Backwards compatible with USB 1.0 and USB 1.1 devices

Hardware		
	Warranty	2 Years
	Ports	1

	Cabling	Cat 5e UTP or better

Performance

	Maximum Data Transfer Rate	480Mbps
	Max Distance	100 m / 330 ft

Connector(s)

	Local Unit Connectors	1 - USB B (4 pin)
		1 - RJ-45
	Remote Unit Connectors	1 - USB 2.0 Type-A (4 pin, 480Mbps)
		1 - RJ-45

Software

	OS Compatibility	OS Independent; No additional drivers or software required

Special Notes / Requirements

	System and Cable Requirements	A host computer with an available USB-A port (USB Type-A)
		An RJ45-terminated UTP Cat5e or better Ethernet cable

Indicators

	LED Indicators	1 - Power
		1 - Link
		1 - Host
		1 - Activity

Power

	Power Source	AC Adapter Included
	Input Voltage	100 - 240 AC
	Input Current	0.58 A
	Output Voltage	24 DC
	Output Current	1 A
	Center Tip Polarity	Positive

Plug Type	M	
Power Consumption (In Watts)	24	

Environmental

Operating Temperature	0C to 50C (32F to 122F)
Storage Temperature	-20C to 70C (-4F to 158F)
Humidity	20~80% RH (Non-condensing)

Physical Characteristics

Color	Black
Material	Plastic
Product Length	3.5 in [8.8 cm]
Product Width	2.6 in [6.5 cm]
Product Height	1.2 in [3.0 cm]
Weight of Product	6.0 oz [170.0 g]

Packaging Information

Package Quantity	1
Package Length	9.6 in [24.4 cm]
Package Width	7.8 in [19.8 cm]
Package Height	3.0 in [7.6 cm]
Shipping (Package) Weight	1.5 lb [0.7 kg]

What's in the Box

Included in Package	1 - Local Unit
	1 - Remote Unit
	1 - 5.75 ft [175 cm] USB 2.0 cable
	1 - Mounting Kit

1 - Universal Power Adapter with 5.6 ft [170 cm] Cable

1 - 6 ft [180 cm] North America Power Cord

1 - Quick Start Guide

Product appearance and specifications are subject to change without notice.