150m (492ft) USB 2.0 Extender over Cat5e/Cat6 Ethernet Cable, Externally Powered USB Extender via RJ45/Network Cable, USB Over Ethernet Cable Extender/Adapter

Product ID: C15012-USB-EXTENDER



Extend a USB 2.0 connection up to 492 ft (150 m) with this USB Extender Kit. Connect the transmitter to the receiver, using existing Ethernet cabling that is Cat5e or better (e.g., Cat 6, 6a, etc.). No software or configuration is required. Conveniently control remote USB devices in warehouses, classrooms, board rooms, and other long-range application environments.

This USB Extender Kit enables you to exceed the limitations posed by traditional USB cable lengths, to establish long-range USB connections. Use this kit for a wide variety of applications such as remote surveillance and monitoring with a webcam (up to 1080p resolution), controlling machines at a distance, remote printing, connecting retail barcode scanners, and many other applications. In addition, the remote unit is connected to a power source, using the included power adapter, for applications requiring USB bus power.

The local and remote units feature a metal exterior for extra protection and longevity in harsher environments. With dimensions of only 1.3 x 1.0 x 2.65 in (32.2 x 25.4 x 67.3 mm), both units are very compact, allowing for installations in tight spaces.

The USB over Ethernet cable extender kit is compatible with any operating system and does not require any additional software to work. Set up the units by connecting them on a point-to-point connection, using your existing Ethernet cabling (Cat5e or better). This kit is not compatible with network switches and routers. The Extender is compatible with USB 2.0, USB 1.1, and USB 1.0 peripherals.

The C15012-USB-EXTENDER is TAA compliant and backed for 2-years by StarTech.com, including free lifetime 24/5 multi-lingual technical assistance.

Certifications, Reports and Compatibility



Applications

Features

• ULTRA LONG RANGE USB EXTENDER: Extend a USB 2.0 connection up to 492 ft (150 m) over an Ethernet cable (CAT5e, CAT6, or higher) with data transfer rates up to 480Mbps; Power, Link & Activity status LEDs; For Webcams and USB peripherals

• POWERED USB EXTENDER KIT: The USB extender over Cat5/Cat6 cable (RJ45) includes a power adapter for the Receiver while the Transmitter is bus-powered. The Receiver's USB port provides 5V 500mA

• DURABLE & COMPACT: Durable metal construction for high wear and tear environments; Transmitter & Receiver each feature the same small form factor 1.3 x 1x 2.65 in (32 x 25 x 67.3 mm); Rubber feet help prevent sliding; 2 ft (61 cm) USB host cable included

• PLUG-AND-PLAY: The extender features driverless installation and is compatible w/ major operating systems incl. Windows, macOS, Linux; Compatible with USB 2.0/1.1/1.0; Point-to-Point, Does not work through network/LAN equipment (router, switch, etc.)

• THE IT PRO'S CHOICE: Designed and built for IT Professionals, this TAA USB 2.0 extender kit is backed for 2-years, including free lifetime 24/5 multi-lingual technical assistance

Hardware		
	Warranty	2 Years
	Ports	1
	Cabling	Cat 5e UTP or better
Performance		
	Maximum Data Transfer Rate	480 Mbps
	Max Distance	150 m (492 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)
		Receiver and Transmitter must be connected in a point-to-point setup. The product does not work when connected via networking equipment.
		Terminated RJ45 Cat5e (or better) Ethernet cable
		The Ethernet cable must comply with the EIA/TIA-568-A or B Standard.
Indicators		
	LED Indicators	1 - Solid Green = Power , Off = No Power
Power		
	Power Source	AC Adapter Included
	Input Voltage	100 - 240 AC
	Input Current	0.6 A
	Output Voltage	5 DC
	Output Current	3 A
	Center Tip Polarity	Positive
	Plug Type	H
	Power Consumption (In Watts)	15 W
Environmental		
	Operating Temperature	32F ~ 122F (0C to 50C)
	Storage Temperature	-4F ~ 158F (-20C to 70C)

	Humidity	10% ~ 90%
Physical Characteristics		
	Color	Black
	Material	Metal
	Product Length	1.3 in [3.2 cm]
	Product Width	2.6 in [6.7 cm]
	Product Height	1.0 in [2.5 cm]
	Weight of Product	6.1 oz [173.0 g]
Packaging Information		
	Package Quantity	1
	Package Length	7.6 in [19.4 cm]
	Package Width	8.7 in [22.0 cm]
	Package Height	2.4 in [6.0 cm]
	Shipping (Package) Weight	1.2 lb [0.5 kg]
What's in the Box		
	Included in Package	1 - USB Over Cat5/Cat6 Transmitter
		1 - USB Over Cat5/Cat6 Receiver
		1 - 2 ft [61 cm] USB-A to USB-B Host Cable
		1 - Universal Power Adapter (North America)

Product appearance and specifications are subject to change without notice.