

4 Port USB 2.0 Extender over Ethernet/IP Network Hub - Up to 330ft (100m) - USB over Gigabit LAN or Direct Cat5e/Cat6 Cable (RJ45) Extender Adapter - USB Extender Kit

Product ID: USB2G4LEXT2NA



The 4-Port USB 2.0 over Ethernet Extender lets you extend USB devices over a Gigabit Ethernet Local Area Network (LAN) using dedicated Cat5e, Cat6, or Cat7 cabling up to 330ft (100m).

The USB over IP extender allows you to utilize your existing IP LAN so you can avoid running new infrastructure cabling. When channeling through multiple switches at 100m intervals, the maximum extension distance resets at each switch location, making it easy to span multiple floors in a home or office setting. You can even connect the local and remote units via a single Cat5e, Cat6, or Cat7.

Unlike 10/100Mbps USB extenders, this versatile USB extender leverages the full data transfer potential of your USB 2.0 peripherals up to 480Mbps, to deliver low latency that enables support for extending isochronous devices such as webcams or microphones. Compatible with USB 2.0, and 1.1 devices with support for up to 600mA of power per port, it also functions as a USB over Ethernet hub

A flexible solution for business or industrial applications, this rugged metal enclosure includes wall-mounting brackets and simple plug-and-play installation with no software or drivers required.

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Certifications, Reports and Compatibility



Applications

- Extend USB 2.0, and 1.1 peripherals such as flash drives, keyboards, mice, enclosures, and whiteboards across a Gigabit Ethernet LAN
- Extend isochronous devices such as webcams and audio devices
- Secured environments where the host computer must be in an inaccessible location away from the drive enclosure, camera or other USB devices
- Perfect for remote storage, security/monitoring, and industrial control applications
- Use existing in-wall Cat5e, Cat6, or Cat7 wiring to extend USB connections between rooms

Features

- **USB 2.0 EXTENDER:** Data transfer up to 480Mbps; Connect 4 USB devices using existing Gigabit Ethernet LAN switch(s)/IP network hardware or connect transmitter/receiver directly over CAT5e/CAT6 RJ45 cable up to 330ft/100m; Newer version of USB2G4LEXT2
- **CONNECT REMOTE USB DEVICES:** Works as a 4 Port USB Hub at a remote location (receiver) to access devices like a printer, camera, plotter, keyboard/mouse, display, & CCTV system at a convenient location
- **DURABLE USB EXTENDER:** Extruded aluminum construction for high wear & tear industrial environments with mounting brackets incl; LEDs to monitor power, activity status, link/host connectivity
- **ACTIVE USB EXTENDER KIT:** The included power adapter for remote extension receiver enables the four USB ports to provide up to 5V/600mA per port; Local extender (transmitter) is USB Host bus powered
- **PLUG-AND-PLAY:** The extender requires no drivers to install & is compatible w/ major operating systems incl. Windows, macOS, Linux; Backward compatible with USB 1.1 devices

Hardware

Warranty	2 Years
Ports	4
Cabling	Cat 5e UTP or better

Performance

Maximum Data Transfer Rate	1 Gbps (LAN) 480 Mbps (USB)
Max Distance	100m [328ft]

Connector(s)

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

Software

OS Compatibility	OS Independent; No additional drivers or software required
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Special Notes / Requirements

System and Cable Requirements	Available USB port
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Indicators

LED Indicators	1 - Power 1 - Link 1 - Host 1 - Activity 1 - RJ45 Link 1 - RJ45 Activity
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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	-10C to 60C (14F to 140F)
Humidity	20~80% RH

Physical Characteristics

Color	Black
Material	Aluminum
Product Length	3.9 in [10.0 cm]
Product Width	3.0 in [7.6 cm]
Product Height	1.0 in [2.6 cm]
Weight of Product	6.8 oz [192.0 g]

Packaging Information

Package Quantity	1
Package Length	9.6 in [24.5 cm]
Package Width	7.9 in [20.1 cm]
Package Height	3.1 in [7.9 cm]
Shipping (Package) Weight	2.1 lb [1.0 kg]

What's in the Box

Included in Package	1 - Local Unit
	1 - Remote Unit
	1 - 6 ft [180 cm] USB Cable
	1 - Mounting Kit

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