

4-Port USB 3.0 Extender over Ethernet up to 330ft (100m) via Cat6a / Cat7 / Cat8 RJ45 Cable,
Extension for Remote USB Devices, 4x USB-A 5Gbps Hub, TAA

Product ID: C10043-USB-EXTENDER



USB 3.0 over Ethernet Extender Kit connects up to four USB peripherals to a host computer up to 330ft (100m) away via a single direct-run Cat6a, Cat7, or Cat8 RJ45 cable.

This compact extension adapter kit is ideal for extending the typical reach of USB cables beyond standard lengths. Use it to connect webcams, data acquisition tools, storage devices, and input peripherals in locations such as classrooms, kiosks, industrial workstations, or control rooms. The system supports USB 3.2 Gen 1 (5Gbps) data rates, delivering high-speed performance without sacrificing reliability over long distances.

Power either the transmitter or receiver unit with the included power adapter, as both devices share power via the Ethernet cable, simplifying setup and reducing the need for separate power sources at both ends of the link, especially useful in space-constrained or hard-to-access environments.

Delivers 5Gbps speeds and features RS-232 passthrough for serial control in automation setups. Built with rugged metal housings for enhanced protection and durability.

Driverless and OS-independent, this point-to-point USB extender requires no software and is compatible with Windows, macOS, and Linux.

Certifications, Reports and Compatibility



Applications

- Connect four remote USB 3.0 peripherals to a local computer up to 330ft (100m) away
- Connect webcams, data acquisition tools, storage devices, and input peripherals in locations such as classrooms, kiosks, industrial workstations, or control rooms

Features

- **Extend USB Connectivity Up to 100m**: Connect four remote USB 3.0 peripherals up to 330ft (100m) to a local computer via a single Cat6a or better Ethernet cable (RJ45) with this compact point-to-point USB extension kit featuring HDBaseT technology
- **Simplify Power and Setup with Power over Cable (PoC)**: Power both transmitter and receiver units using a single power adapter (included), reducing power constraints and enabling clean installations in remote or space-limited locations
- **Versatile USB Deployment**: Transmit USB signals through existing copper cabling runs in-wall or ceilings; Provide flexibility with the included hardware to surface-mount the units in commercial spaces, meeting rooms, classrooms, and retail areas
- **Enable Remote USB Access for Critical Devices**: Connect USB peripherals that otherwise would be out of reach with this plug-and-play 4-port USB 3.0 extender; For remote webcams, interactive white boards, storage devices, and other USB accessories
- **The IT Pro's Choice**: Our USB extender solutions are engineered to deliver consistent performance in professional environments and are tested for lasting reliability on critical components; Backed by free lifetime 24/5 multilingual technical assistance

Hardware

| | |
|------------|------------------|
| Warranty | 2 Years |
| Ports | 4 |
| Cabling | Cat 6a or better |
| Chipset ID | Valens - VS6320 |

Performance

| | |
|----------------------------|------------------------|
| Maximum Data Transfer Rate | 5 Gbps (USB 3.2 Gen 1) |
| Max Distance | 100m [328ft] |

Connector(s)

| | |
|-------------------|---------------------|
| Connector Type(s) | 4 - 9 pin USB 3.0 A |
|-------------------|---------------------|

| | |
|------------------------|------------------------------|
| | 1 - 9 pin USB 3.0 B Female |
| | 2 - Ethernet |
| | 1 - Terminal Block (4 Wire) |
| | 1 - M Barrel Power Connector |
| | 1 - Micro USB-B |
| Local Unit Connectors | 1 - 9 pin USB 3.0 B Female |
| | 1 - Terminal Block (4 Wire) |
| | 1 - M Barrel Power Connector |
| | 1 - Ethernet |
| | 1 - Micro USB-B |
| Remote Unit Connectors | 4 - 9 pin USB 3.0 A Female |
| | 1 - Terminal Block (4 Wire) |
| | 1 - M Barrel Power Connector |
| | 1 - Ethernet |
| | 1 - Micro USB-B |

Indicators

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|----------------|--|
| LED Indicators | 1 - Transmitter (Host Side) , Link LED = Solid Green Link is Active, Off or Flashing Green= No Link , , Power LED = Solid is Receiving Power , Off = No Power , , Host LED = Solid Green is Connected to Host, Off = Not connected to Host, , , Receiver (Remote Unit) , Link LED = Solid Green Link is Active, Off or Flashing Green= No Link , , Power LED = Solid is Receiving Power , Off = No Power |
|----------------|--|

Power

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|-----------------------|---------------------|
| Power Source | AC Adapter Included |
| Input Voltage | 100 - 240 AC |
| Output Voltage | 20V DC |
| Output Current | 3 A |
| Plug Type | M |
| Power Consumption (In | 60 W |

Watts)

Environmental

| | |
|-----------------------|----------------------------|
| Operating Temperature | 0C to 45C (32F to 113F) |
| Storage Temperature | -20C to 70C (-4F to 158F) |
| Humidity | 10% to 90%, non-condensing |

Physical Characteristics

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|-------------------|------------------|
| Color | Black |
| Material | Steel |
| Cable Length | 5.9 ft [1.8 m] |
| Product Length | 5.9 in [150 mm] |
| Product Width | 3.9 in [100 mm] |
| Product Height | 0.8 in [20.5 mm] |
| Weight of Product | 12.1 oz [344 g] |

Packaging Information

| | |
|---------------------------|------------------|
| Package Length | 6.7 in [17.0 cm] |
| Package Width | 9.8 in [25.0 cm] |
| Package Height | 3.1 in [8.0 cm] |
| Shipping (Package) Weight | 2.8 lb [1.2 kg] |

What's in the Box

| | |
|---------------------|--|
| Included in Package | 1 - Transmitter (Local Unit) |
| | 1 - Receiver (Remote Unit) |
| | 1 - Mounting Kit (includes M2.5x5mm screws) |
| | 1 - Universal Power Adapter (NA/JP, AU/NZ, UK, EU) |
| | 1 - USB A to B Cable 6ft (1.8m) |
| | 2 - Terminal Block |

1 - Product Documentation

****Product appearance and specifications are subject to change without notice.***

