# 2 Port USB 2.0 Extender over Cat5 or Cat6 - Up to 330 ft (100m)

Product ID: USB2002EXT2



The USB2002EXT2 2-Port USB Extender lets you extend USB 2.0 devices over Cat 5 or better Ethernet cable at distances of up to 330ft (100m). A local transmitter power adapter provides up to 500 mA of power per port with no power adapter required at the remote end, letting you access and power almost any USB 2.0 device in locations where a power outlet may be unavailable.

This USB extender provides support for data transfer rates of up to 480 Mbps, is Plug-and-Play and hot-swap compatible, and is also backwards compatible with USB 1.x devices.

This versatile USB extender offers a fast, easy, and flexible solution for business or industrial applications with durable metal housing, and an included surface-mounting bracket kit.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

## Certifications, Reports and Compatibility

**RoHS Compliant** Available

(CE)

(FC)

## Applications

- Secured environments where the host computer must be in a secure, inaccessible location from the the keyboard, mouse, camera or other USB input devices
- Use existing in-wall Cat5/Cat6 wiring to extend USB connections between rooms
- Reduce cable clutter and the need for mid-point USB hubs/repeaters by running a single, easy-to-install Cat5/Cat6 cable
- Industrial control environments where the host computer must be located away from interference or contamination

## Features

- Two USB 2.0 ports on remote unit over a single Cat5/Cat6 cable
- Maximum extension distance of up to 100m (330ft) over Cat5 cabling
- Rugged, metal enclosure with surface-mounting bracket kit included
- High Speed USB 2.0 compliant with support for data transfer rates up to 480 Mbps
- 500mA of power per port
- No external power required at remote end as power is delivered over Cat5/Cat6
- 4kV Contact and 8kV Air Electrical Static Discharge (ESD) protection
- No driver or software required
- Plug-and-Play and hot-swap compatible

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| **Hardware** | Warranty | 2 Years |
| | Cabling | Cat 5 UTP |
| | Ports | 2 |
| **Performance** | Max Distance | 100 m / 330 ft |
| | Maximum Data Transfer Rate | 480 Mbps |
| **Connector(s)** | Local Unit Connectors | 1 - RJ-45 Female |
| | | 1 - USB B (4 pin) Female |
| | Remote Unit Connectors | 1 - RJ-45 Female |
| | | 2 - USB A (4 pin) Female |
| **Software** | OS Compatibility | OS Independent; No additional drivers or software required |
| **Special Notes / Requirements** | System and Cable Requirements | USB enabled computer system with available USB port |
| **Power** | Center Tip Polarity | Positive |
| | Input Current | 0.6 A |
| | Input Voltage | 100 ~ 240 AC |
| | Output Current | 1.0 A |
| | Output Voltage | 24 DC |
| | Plug Type | M |
| | Power Consumption (In Watts) | 24 |
| | Power Source | AC Adapter Included |
| **Environmental** | Humidity | 10~90% RH |
| | Operating Temperature | 0°C to 50°C (32°F to 122°F) |
| | Storage Temperature | -20°C to 70°C (-4°F to 158°F) |
| **Physical Characteristics** | Color | Black |
| | Enclosure Type | Aluminum and Plastic |
| | Product Height | 1 in [26 mm] |
| | Product Length | 3.9 in [100 mm] |
| | Product Weight | 21.2 oz [600 g] |
| | Product Width | 3 in [76 mm] |
| **Packaging Information** | Shipping (Package) Weight | 42.4 oz [1200 g] |
| **What's in the Box** | Included in Package | 1 - USB 2.0 extender local unit |

1 - USB 2.0 extender remote unit

1 - USB cable

1 - mounting kit

1 - universal power adapter

5 - power cords (NA, JP, EU, UK, ANZ)

1 - quick-start guide

Product appearance and specifications are subject to change without notice.