

4 Port USB 3.2 Gen 1 (5Gbps) Extender over Cat6a/Cat7 - Up to 330 ft (100m)

Product ID

USB3004EXT2

Product Diagram

Transmitter

Side A



Side B

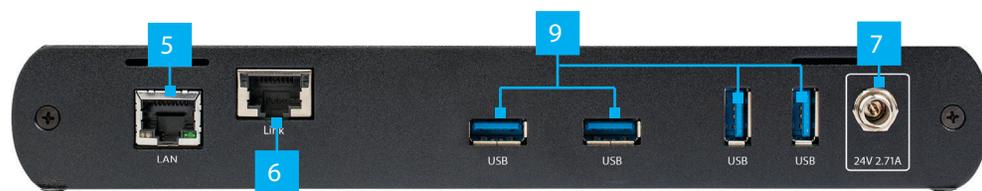


Receiver

Side A



Side B



Component	Function
1 Power LED (Transmitter & Receiver)	<ul style="list-style-type: none"> Indicates if the Transmitter and/or Receiver are Receiving Power <ul style="list-style-type: none"> Solid Green = <i>Receiving Power</i> Off = <i>Not Receiving Power</i>
2 Mode Button (Transmitter & Receiver) <i>*NOT IN USE</i>	<ul style="list-style-type: none"> For Manufacturer Use Only
3 Config Service Port (Transmitter & Receiver) <i>*NOT IN USE</i>	<ul style="list-style-type: none"> For Manufacturer Use Only
4 Link/Status/Mode LED (Transmitter & Receiver)	<ul style="list-style-type: none"> Indicates the Operational Status of the Transmitter & Receiver
5 LAN (Local Area Network) Port (Transmitter & Receiver)	<ul style="list-style-type: none"> Extends Gigabit Ethernet
6 Link Port (Transmitter & Receiver)	<ul style="list-style-type: none"> Connect the Transmitter to the Receiver using a Cat5e/Cat6 Cable
7 DC 24V Port (Transmitter & Receiver)	<ul style="list-style-type: none"> Used to connect the Transmitter & Receiver to a Power Source.
8 USB-B Host Port (Transmitter)	<ul style="list-style-type: none"> Connect to a USB-A Port on a Host Computer USB 3.0 (5 Gbps)
9 USB-A Peripheral Port (Receiver)	<ul style="list-style-type: none"> Connect Remote USB-A Peripherals USB 3.0 (5 Gbps) Supports up to 5 V/0.9 A (4.5 W) Power

Package Contents

- Local Transmitter x 1
- Remote Receiver x 1
- 6 ft [1.8 m] USB-A to USB-B Cable x 1
- Universal Power Adapter (North America) x 2
- Quick-Start Guide x 1

Requirements

- Computer (local) with a USB-A Port
- USB peripheral devices (remote) with Required Cabling
- Cat6a (or better) Cabling. Up to 330 ft (100 m)
- 2x CAT5e (or better) Cabling (for optional LAN extension)

For the latest drivers, manuals, product information, technical specifications, and declarations of conformance, please visit:

www.StarTech.com/USB3004EXT2

Installation

Transmitter (Local)

1. Connect the **USB-B Host Port** located on the **Transmitter** to a **USB-A Port** on the **Host Computer**, using the included **6 ft (1.8 m) USB-A to USB-B Cable**.
2. Connect an **RJ-45 Terminated Cat6a (or better) Cable** (up to 330 ft. / 100 m) to the **Link Port**, located on the **Transmitter**.

Note: *The cable should not go through any networking equipment (e.g. router, switch, etc.).*

The Ethernet cable must follow the EIA/TIA-568-A or B Standard.

3. Connect the included **Universal Power Adapter** from an **AC Electrical Outlet** to the **24V DC Power Port** located on the **Transmitter**.

Receiver (Remote)

4. Connect the **USB Peripheral Devices** to the **USB-A Peripheral Ports** located on the **Receiver**.
5. Connect the other side of the **RJ-45 terminated Cat6a (or better) Cable** (connected to the **Transmitter in Step 2**) to the **LAN Port**, located on the **Receiver**.
6. Connect the included **Universal Power Adapter** from an **AC Electrical Outlet** to the **24V DC Power Port** located on the **Receiver**.
7. The **Host Computer** (local) will recognize the connected device as **USB Peripheral Device** (remote).

LAN Extension (Optional)

To provide 10/100/1000Mbps network access to the same location as the **Receiver**:

8. Connect an **RJ-45 Terminated Cat5e/Cat6 Cable** from the **LAN Port**, located on the **Transmitter** to your local network gateway (e.g. router, switch, etc.)
9. Connect an **RJ-45 Terminated Cat5e/Cat6 Cable** from the **LAN Port**, located on the **Receiver** to your remote network device (e.g. computer, router, switch, etc.)

LED Activity

LED	Color	Description
Status	Green	<ul style="list-style-type: none">• Indicates operational status of Transmitter and/or Receiver<ul style="list-style-type: none">• Solid = <i>System functioning normally</i>• Blinking = <i>System is booting</i>• Blinking with Link, USB 2 & USB 3 = <i>Temperature warning</i>
Link	Green	<ul style="list-style-type: none">• Indicates communication between Transmitter and Receiver<ul style="list-style-type: none">• Solid = Transmitter and Receiver are connected• Off = Transmitter and Receiver are not connected
USB 2	Green	<ul style="list-style-type: none">• Indicates USB 2.0 device is connected through Extender Kit<ul style="list-style-type: none">• Solid = Active USB 2.0 device is connected• Blinking = USB 2.0 device is <i>suspended/asleep</i>• Off = <i>No USB 2.0 device is connected</i>
USB 3	Green	<ul style="list-style-type: none">• Indicates USB 3.0 device is connected through Extender Kit<ul style="list-style-type: none">• Solid = Active USB 3.0 device is connected• Blinking = USB 3.0 device is <i>suspended/asleep</i>• Off = <i>No USB 3.0 device is connected</i>

Regulatory Compliance

FCC - Part 15

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by StarTech.com could void the user's authority to operate the equipment.

Industry Canada Statement

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada.

CAN ICES-3 (B)/NMB-3(B)

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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For further information on product warranty terms and conditions, please refer to www.startech.com/warranty.

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