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

Product ID
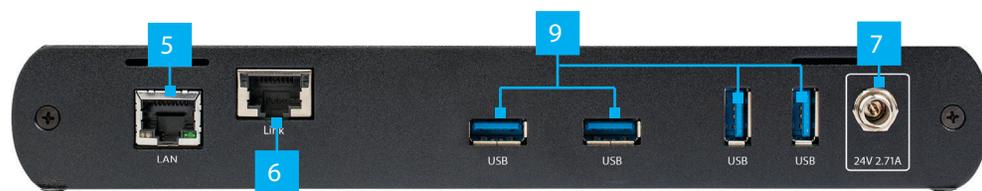USB3004EXT2

Product Diagram

Transmitter

Side A

1 2 3 4

Power Mode Config Status Link USB 2 USB 3

Side B

5 6 8 7

LAN Link USB 24V 1A

Receiver

Side A

1 2 3 4

Power Mode Config Status Link USB 2 USB 3

Side B

5 6 9 7

LAN Link USB USB USB USB 24V 2.71A

	Component	Function
1	Power LED (Transmitter & Receiver)	• Indicates if the **Transmitter** and/or **Receiver** are Receiving Power • Solid Green = *Receiving Power* • Off = *Not Receiving Power*
2	Mode Button (Transmitter & Receiver) *NOT IN USE*	• For Manufacturer Use Only
3	Config Service Port (Transmitter & Receiver) *NOT IN USE*	• For Manufacturer Use Only
4	Link/Status/Mode LED (Transmitter & Receiver)	• Indicates the Operational Status of the **Transmitter & Receiver**
5	LAN (Local Area Network) Port (Transmitter & Receiver)	• Extends Gigabit Ethernet
6	Link Port (Transmitter & Receiver)	• Connect the **Transmitter** to the **Receiver** using a **Cat5e/Cat6 Cable**
7	DC 24V Port (Transmitter & Receiver)	• Used to connect the **Transmitter** & **Receiver** to a **Power Source**.
8	USB-B Host Port (Transmitter)	• Connect to a **USB-A Port** on a **Host Computer** • USB 3.0 (5 Gbps)
9	USB-A Peripheral Port (Receiver)	• Connect **Remote USB-A Peripherals** • USB 3.0 (5 Gbps) • Supports up to 5 V/0.9 A (4.5 W) Power

To view manuals, FAQs, videos, drivers, downloads, technical drawings, and more, visit www.startech.com/support.

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	• Indicates operational status of **Transmitter** and/or **Receiver**
		  • Solid = *System functioning normally*
		  • Blinking= *System is booting*
		  • Blinking with **Link**, **USB 2** & **USB 3** = *Temperature warning*

Link	Green	• Indicates communication between **Transmitter** and **Receiver**
		  • Solid = **Transmitter** and **Receiver** *are connected*
		  • Off = **Transmitter** and **Receiver** *are not connected*

USB 2	Green	• Indicates USB 2.0 device is connected through Extender Kit
		  • Solid = Active USB 2.0 device is connected
		  • Blinking = USB 2.0 device is *suspended/asleep*
		  • *Off = No USB 2.0 device is connected*

USB 3	Green	• Indicates USB 3.0 device is connected through Extender Kit
		  • Solid = Active USB 3.0 device is connected
		  • Blinking = USB 3.0 device is *suspended/asleep*
		  • *Off = No USB 3.0 device is connected*