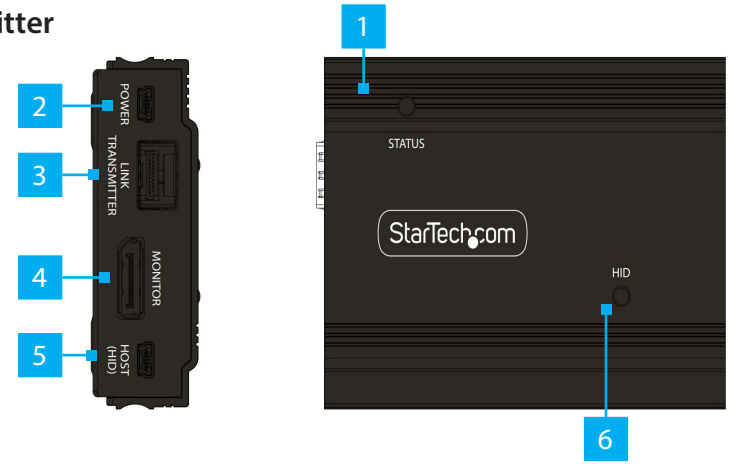
DisplayPort KVM Console Extender Over Fiber - 4K 60Hz

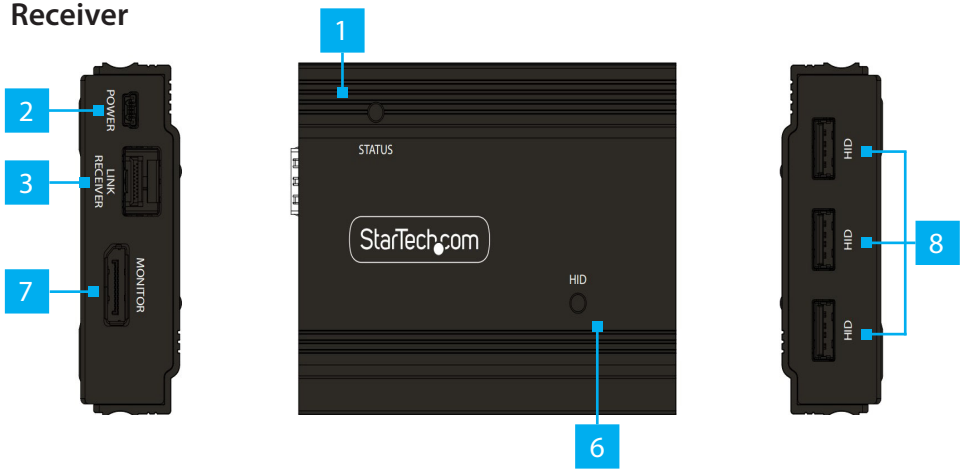
Product Diagram

FD121-KVM-EXTENDER

Transmitter



Receiver



** Product may vary from image*

	Component	Function
1	Power / Connection LEDs	• See LED Indicator Table
2	Power Supply Port	• Connect the included **Universal Power Adapter**
3	Fiber Connection Port	• Use an LC-Terminated **Fiber Cable** to connect the **Transmitter** and **Receiver**
4	Video Input Port	• Connect a **DisplayPort Video Source**
5	USB Host Connector	• Connect to an available **USB Port** on the **Host Computer** or **HID Port** on a **KVM Switch**
6	USB Status LEDs	• Orange when **USB Devices** are connected • (Flashes 1~4 times to indicate connected **USB Device** number)
7	Video Output Port	• Connect a **DisplayPort Display Device**
8	USB-A HID Ports	• Connect **USB Devices** (e.g. Keyboard, Mouse, Trackpad, Number Keypad, or Drawing Tablet)

Requirements

For the latest manuals, product information, technical specifications, and declarations of conformance, please visit: www.StarTech.com/FD121-KVM-EXTENDER

- Computer
  - USB Enabled
  - DisplayPort Output
- USB Keyboard and Mouse
- DisplayPort Display Device
- Duplex LC Fiber Cable (OM3)
  - Multimode extends up to 300M

Package Contents

- Transmitter (Local Unit) x 1
- Receiver (Remote Unit) x 1
- 10G Multimode SFP+ Modules (Pre-Installed) x 2
- Universal Power Adapter (NA/EU/UK/ANZ) x 2
- USB-A to Mini USB-B Cables x 3

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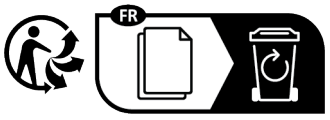
Installation

1. **Power off** all **Devices** (e.g. **DisplayPort Video Source**, **Computer**, etc.) that will be connected to the **Transmitter** and **Receiver**.
2. Connect the **Host Device** and all of the **USB Peripherals** to the **Transmitter** and **Receiver**.
3. Connect a **DisplayPort Monitor** to the **Video Output Port** on the **Receiver**, using a **DisplayPort Cable** (not included).
4. Connect a **Computer** or **KVM Switch** to the **Video Input Port** on the **Transmitter**, using a **DisplayPort Cable** (not included).
5. Connect the **Transmitter** to the **Receiver**, using a **Duplex Multi-Mode LC Fiber Cable (OM3)**.

   Note: *The cabling cannot go through any networking equipment (e.g., router, switch, etc.). Ensure the transmit and receive fiber leads are reversed between the Local and Remote Unit.*
6. Connect the **Transmitter** and **Receiver** to **Power Sources**, using the included **Universal Power Adapters**.
7. **Power on** all the **Devices** (e.g. **DisplayPort Video Source**, **Computer**, etc.) connected to the **Transmitter** and **Receiver.**



Operation

LED Indicators

Transmitter Unit	Receiver Unit	Link	Video IN	HDCP 1.4	HDCP 2.2	4K@60Hz (4:2:0) Models	4K@60Hz (4:4:4) Models	Note
Emit Green & Flash-Off x1, or x2	Emit Red & Flash-Off x1, or x2	X	--	--	--	x 1	x 2	Unlinked
--	Emit Red & Flash-Green x1	X	--	--	--	--	--	Unlinked, Receiver Connected to HDCP 1.4 Display
--	Emit Red & Flash-Green x2	X	--	--	--	--	--	Unlinked, Receiver Connected to HDCP 2.2 Display
Flash Blue Slowly		V	X	--	--	--	--	No Source
Emit Blue		V	V	No	No	--	--	No HDCP or HDCP Non-Match
Emit Purple & Flash-Off x1	Emit Blue	V	V	V	--	--	--	HDCP 1.4
Emit Purple & Flash-Off x2	Emit Blue	V	V	--	V	--	--	HDCP 2.2
Emit Blue	Emit Cyan	V	4K@60 (4:4:4)	No	No	--	--	No HDCP or HDCP Non-Match + 4K60
Emit Purple & Flash-Off x1	Emit Cyan	V	4K@60 (4:4:4)	V	--	--	--	HDCP 1.4 + 4K60
Emit Purple & Flash-Off x2	Emit Cyan	V	4K@60 (4:4:4)	--	V	--	--	HDCP 2.2 + 4K60