

# Firewire 800 Extender



extend any  
Firewire 800 device  
up to 1,000 meters  
(3,281 feet)

Thinklogical's Firewire 800 fiber optic extender allows users to extend Firewire devices up to 1,000 meters (3,280 feet) with no signal degradation. The Firewire 800 extender is ideal for use with multimedia peripherals such as digital video cameras and other high-speed devices such as hard disk drives and printers. Boasting incredible transfer rates of up to 800 Mbps, the Firewire 800 fiber optic extender is the perfect solution for a wide variety of applications, such as video editing and broadcasting, networking, and security systems.

## Key Features

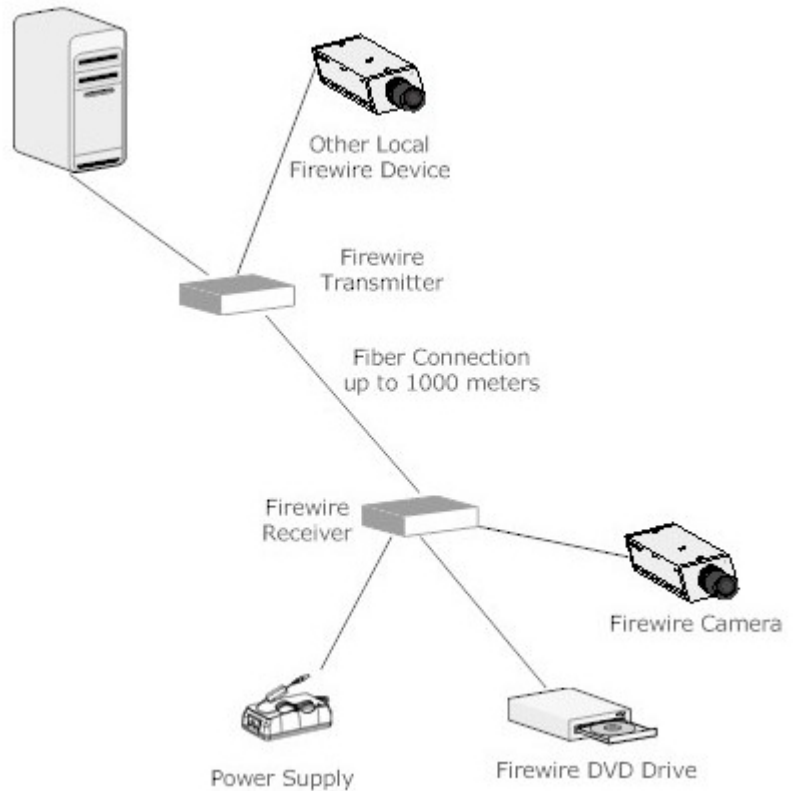
- Extends Firewire 800 (1394b) connections up to 3,280 feet (1000 meters)
- Transfer rates of 100/200/400/800 Mbps
- Compliant with IEEE 1394a and 1394b
- Installation is plug-and-play, no adjustments are necessary, no drivers required
- Supports all major operating systems including Windows, Mac OS X, and Linux
- Supports multi-mode or single-mode fiber optic cable
- LEDs provide link performance status
- Available with your choice of ST, SC, or LC fiber connectors



## The System

Each system consists of two compact units, a transmitter and a receiver. The Firewire 800 fiber optic extender transmitter connects to the host computer with a standard cable, and the receiver provides two ports for connection of peripheral devices. The transmitter also has a built-in hub for connecting another Firewire device. In addition, LEDs provide link performance status at a glance. One duplex fiber optic cable, available in different lengths from Thinklogical, connects the transmitter (computer) to the receiver (Firewire 800 device). Although the extenders can be bus powered, two universal 12 VDC power supplies are included.

All models are available with SC-, ST-, or LC-type fiber connectors.



## Specifications

### Transmitter:

Firewire	1394b connectors (2)
Fiber Connectors	SC, ST, or LC (2)
Power	2.1mm threaded

### Receiver:

Firewire	1394b connectors (2)
Fiber Connectors	SC, ST, or LC (2)
Power	2.1mm threaded

### Cables Included:

Firewire 800: 9 pin to 9 pin 1394b, 2 meters (2)

Firewire 400\*: 9 pin to 6 pin 1394, 2 meters (2)

\* 9 pin to 4 pin is also available upon request.

Operating Temp.	0°–50° C (32°–122° F)
Humidity	5–95% RH, non-condensing
Supply Voltage	+12 VDC
Power Consumption	6 watts per unit (with no devices attached)
Dimensions	height: 1.125 inches (2.85 cm) depth: 4.625 inches (11.75 cm) width: 6.625 inches (16.82 cm)
Weight	2 lbs (0.91 kg)
Optical Cable	duplex fiber (available, not supplied)
Optical Distance	• Up to 500 meters (1,640 feet) using 62.5/125um, type OM1 • Up to 1,000 meters (3,280 feet) using 50/125um, type OM2 • Up to 1,000 meters (3,280 feet) using 9/125um
Compliance	Approvals for US, Canada, and European Union
Warranty	12 months from date of shipment, extended warranties available

## Ordering Information

### Firewire 800: Multi-mode fiber

Part Number	Description
FIR-000001-LCTX	Firewire 800 Fiber TX, LC
FIR-000001-LCRX	Firewire 800 Fiber RX, LC
FIR-000001-SCTX	Firewire 800 Fiber TX, SC
FIR-000001-SCRX	Firewire 800 Fiber RX, SC
FIR-000001-STTX	Firewire 800 Fiber TX, ST
FIR-000001-STRX	Firewire 800 Fiber RX, ST

### Firewire 800: Multi-mode fiber with single fiber

Part Number	Description
FIR-001001-LCTX	Firewire 800 Fiber TX, Single Fiber, LC
FIR-001001-LCRX	Firewire 800 Fiber RX, Single Fiber, LC
FIR-001001-SCTX	Firewire 800 Fiber TX, Single Fiber, SC
FIR-001001-SCRX	Firewire 800 Fiber RX, Single Fiber, SC
FIR-001001-STTX	Firewire 800 Fiber TX, Single Fiber, ST
FIR-001001-STRX	Firewire 800 Fiber RX, Single Fiber, ST

### Firewire 800: Single-mode fiber

Part Number	Description
FIR-000S01-LCTX	Firewire 800 Fiber TX, LC/UPC
FIR-000S01-LCRX	Firewire 800 Fiber RX, LC/UPC
FIR-000S01-SCTX	Firewire 800 Fiber TX, SC/UPC
FIR-000S01-SCRX	Firewire 800 Fiber RX, SC/UPC
FIR-000S01-STTX	Firewire 800 Fiber TX, ST/UPC
FIR-000S01-STRX	Firewire 800 Fiber RX, ST/UPC

### Firewire 800: Single-mode optics options

Part Number	Description
VOP-S24	Firewire 800 Optics Option for Transmitter or Receiver, Single-Mode, Dual Fiber, 10KM, LC/UPC
VOP-S28	Firewire 800 Optics Option for Transmitter or Receiver, Single-Mode, Dual Fiber, 10KM, SC/UPC or ST/UPC
VOP-S31	Firewire 800 Optics Option for Receiver, Single-Mode, Single Fiber, 10KM, SC/UPC or ST/UPC
VOP-S32	Firewire 800 Optics Option for Transmitter, Single-Mode, Single Fiber, 10KM,, SC/UPC or ST/UPC

***thinklogical***<sup>®</sup>  
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