

KVM Fiber Optic Transmitter Price

Article Overview

KVM fiber optic transmitters typically range from \$1,000 to over \$5,000 per unit, depending on resolution, distance, and features.

Cost Overview

The price of a KVM fiber optic transmitter depends on several factors:

- **Resolution and Video Support:** Standard 4K HDMI or DisplayPort transmitters for distances up to 500–550 meters generally cost \$1,000–\$2,500 per transmitter unit (e.g., AV Access 4KIP500F-KVM supports 4K HDMI up to 550m with zero latency) . Higher-end models supporting dual-head 5K or multiple monitors, such as the ADDERLink INFINITY 4000 Series, can exceed \$4,000–\$5,000 per transmitter .
- **Transmission Distance:** Single-mode fiber extenders capable of transmitting signals up to 10–30 km are more expensive due to the need for specialized SFP modules and higher-quality optics. For example, Black Box K VX series supports up to 30 km and dual-head 4K video, which typically places it in the \$3,000–\$5,000 range per transmitter .
- **Fiber Type:** Multi-mode fiber extenders are generally less expensive than single-mode units because multi-mode modules and cabling are cheaper. Multi-mode KVM transmitters for 500–550 meters are often priced around \$1,000–\$2,000 .
- **Additional Features:** Units with USB 2.0/3.0 support, audio transmission, RS-232 serial channels, or matrix switching capabilities can increase costs. For example, transmitters that integrate into a KVM matrix system or support multiple TX/RX pairs may add \$500–\$1,500 to the base price .

Typical Applications and Cost Justification

- **Control Centers and Data Hubs:** High-resolution, long-distance fiber KVMs are used in industrial, medical, and government facilities. The higher cost is justified by zero-latency transmission, EMI immunity, and secure optical isolation .

Article Content

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The Fiber Extender is designed to extend signals over Optical Fiber for long-distance transmission. Rextron is good at providing a

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Microware HDMI KVM Fiber Over IP Extender Video Transmitter

KVM Over Fiber Transmission – Features Transmitter (TX) and Receiver (RX) modules for seamless USB keyboard/mouse control

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Fibre KVM-Extender

With a Fiber KVM Extender you can digitally place the KVM control console (keyboard / video / mouse) from the computer via fiber

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Amazon : KVM Extender

VPFET HDMI KVM USB Extender 394ft 120M Over Cat 5e 6 7 1080P Ethernet Balun Transmitter Receiver with Loop Out Function

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KVM Fiber Optic Extenders over Fiber up to 70 km

The Rextron hybrid dual head KVM extender consists of a transmitter (USB host) and a receiver (USB device) unit and extends

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The ATEN CE980 USB True 4K DisplayPort/HDMI Optical KVM Extenders ensure transmission of True 4K video, KVM and control

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KVM Over Fiber Extenders provide remote computer monitoring and management from distances up to 1,400 feet away! Extend

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Fiber 4K30 HDMI+USB KVM-Extender over IP (max. 500m MM), Zero

The 4KIP500F-KVM can transmit 4K ultra HD HDMI signals up to 550m (1800ft) over multi-mode optical fiber with zero latency. It

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Single-Mode Fiber Optic KVM Extender, HDMI 2.0

Fiber Optic KVM Extender, FXA1MU-M57, consists of a Transmitter and a Receiver unit that allows you to

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StarTech 4K HDMI KVM Extender over Fiber,

EASY TO DEPLOY Straightforward point to point setup using standard fiber optic cable makes

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4K HDMI KVM Extender over Fiber, HDMI Video & USB over Fiber,

Buy 4K HDMI KVM Extender over Fiber, HDMI Video & USB over Fiber, up to 984ft/300m (MultiMode), 10G MMF SFP+ modules,

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Microware 20KM Fiber Optic Cable HDMI Extender

20Km HDMI Fiber Optic KVM Extender, HDMI Transmitter Receiver With Loop Out Over SC Fiber Cable

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KVM Extender over Fiber DVID, USB 2.0, Serial, Audio, Local Video ...

Supports DVI-D video resolution up to 1920x1200 at 60 Hz Local and remote units connect at distances of up to 30 km (depending

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StarTech DisplayPort KVM Extender over Fiber

The Fiber Optic KVM Extender allows for control of a KVM switch, console, or PC from a distance of up to 984ft (300m). The

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DVI Extenders Via Fiber Optic Cable

DVI Extenders Via Fiber Optic Cable DVI-D, USB, Audio, & RS232 Fiber KVM Extender Up to 1,312ft (400m) over Multi-Mode Fiber

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Buy Tobo HDMI KVM Fiber Extender, HDMI Video Optical Transceiver Full HD 1080P, 20km Media Streaming Device only for Rs.

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4K Fiber KVM Extender up to 550m for Remote PC

AV Access 4KIP500F-KVM fiber KVM extender, transmitting 4K HDMI and USB signals up to 550m/1800ft

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Thinklogical Velocity Dual-Head, Single-Link DVI KVM Fiber Extender ...

The Velocity kvm System - 24 has a simple transmitter/receiver design which allows for ease of installation and straight forward

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1080P HDMI KVM Fiber Extender Multifunction HDMI Video Optical ...

Product Description Descriptions: TheLNK-KVM-HDMI-1D1BA1GO Fiber optic extender provides

May 19, 2026

4K HDMI KVM Extender over Fiber

REMOTE ACCESS: USB & 4K HDMI KVM extender over fiber controls a KVM switch/console or PC using a fiber optic cable at

Aug 07, 2025

KVM Extender over Fiber

The KVX HDMI/DisplayPort Dual Head KVM Extender lets you control a server or computer over over singlemode fiber at distances

Contact Us

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