# Fiber optic KVM price



## Overview

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

## Key Takeaways

Fiber optic KVM solutions typically range from $1,000 to over $10,000 per extender pair, depending on distance, resolution, and features.

### Pricing Overview

The cost of a fiber optic KVM extender depends on several factors: Transmission Distance: Short-range extenders (up to 500 meters) are generally less expensive, while long-range extenders (up to 70 km) can cost significantly more due to the need for single-mode fiber and advanced SFP modules. Video Resolution: Extenders supporting 4K or dual 4K video at 60Hz are priced higher than those supporting lower resolutions or single HDMI/DisplayPort outputs. Connectivity and Peripherals: Devices with multiple USB ports, audio, IR, or RS-232 support, and the ability to control multiple PCs via Ethernet switches, increase the overall cost.

Single-mode vs Multi-mode Fiber: Single-mode fiber extenders for long distances are more expensive than multi-mode fiber extenders for shorter distances. Brand and Warranty: Established brands like AV Access, Black Box, and Rextron may charge premium prices for reliability, support, and warranty coverage. Example SolutionsAV Access 4KIP500F-KVM: Supports 4K HDMI and USB signals up to 550 meters over multi-mode fiber, with zero latency and Ethernet integration for up to 16 transmitter/receiver pairs.

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Typical market pricing for similar 4K multi-mode extenders ranges from $1,500 to $3,000 per pair.

### Black Box KV

X Series: Single-mode fiber extenders capable of distances up to 30 km, supporting DisplayPort, USB 2. 0, audio, and serial connections. These solutions are generally priced $5,000 to $10,000 per pair, depending on distance and features.

### Rextron Fiber KV

M Extenders: Offer a wide range of options, including dual 4K60 HDMI extenders up to 20 km and single HDMI extenders up to 70 km. Prices vary widely, from $2,000 for short-range 500m extenders to $12,000+ for ultra-long-range 70 km extenders.

### Cost Considerations

Installation and Cabling: Fiber optic cabling, SFP modules, and switches add to the total cost. Multi-mode fiber is cheaper than single-mode fiber for long distances. Scalability: Extenders that allow multiple PCs to be controlled via a single switch may reduce per-PC costs in large deployments.

Environmental Requirements: EMI-prone or harsh environments may require specialized extenders, which are more expensive.

### Summary

For most professional applications, short- to medium-range 4K fiber KVM extenders cost between $1,500 and $3,500 per pair, while long-range single-mode extenders for distances over 10 km can exceed $10,000 per pair. The final cost depends on resolution, distance, peripheral support, and deployment complexity.

## Article Content

Amazon : Primeda-telecom 4K HDMI Over Fiber

With our HDMI over Fiber Optic extender you can get greater bandwidth, faster

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KVM Over Fiber Extenders provide remote computer monitoring and management from distances up to 1,400 feet away! Extend USB, Keyboard, Mouse, Stereo Audio, VGA and RS-232 signals to your

Fiber 4K30 HDMI+USB KVM-Extender over IP (max.

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

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

Featuring DIP switch pairing, this 4K fiber optic KVM extender

KVM Extender Fiber

The KVX HDMI KVM Extender lets you control a server, or computer over single-mode or multi-mode fiber optic cable at distances of up to 30 km (depending on the SFP used, fiber type, and fiber

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Control a DisplayPort-equipped computer or KVM switch up to 300m (985ft) away over fiber-optic cable The Fiber Optic KVM Extender allows for control of a KVM switch, console, or PC from a distance of

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The UFOC-200 series is a fully featured, 2nd-generation USB-C active optical cable (AOC) built on a hybrid copper + fiber-optic core. The fiber core carries video, data and power over distances copper

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Modular KVM Extender

The DKM FX Modular KVM Extender Interface Card extends visually lossless, high-resolution DisplayPort signals over fiber cable. It also features two USB HID ports so you can easily connect

Fiber KVM Extender

NTI ST-FOUSBVARS-LC12V VGA USB KVM Extender via One LC Singlemode/Multimode Fiber Optic Cable $995.00 NEW ADD TO CART

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The Magenta fiber optic transmitter and receiver kit (MG-FB-61x) is a powerful solution for extending uncompressed 4Kx2k 60Hz HDMI 2.0 signals over very long distances. The MG-FB-61x supports

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