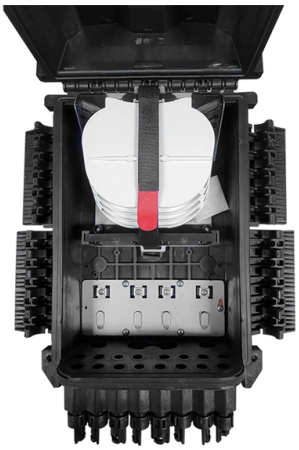
Fiber Optic KVM Pricing Plan



Overview

The VE882 is an Optical HDMI Extender that overcomes the length restriction of standard HDMI cables by using optical fiber to send high definition audio and video signals over...

Key Takeaways

Fiber optic KVM systems typically range from $500 to over $5,000 depending on distance, resolution, and features.

Price Ranges and Factors

The cost of a fiber optic KVM system depends on several key factors: Transmission Distance: Short-range systems (up to 300–500 meters) are generally less expensive, while long-range extenders (up to 10 km or more) can significantly increase the price. Video Resolution: Systems supporting 4K resolution or dual/triple monitors cost more than standard 1080p setups. Fiber Type: Single-mode fiber extenders are typically more expensive than multi-mode fiber due to longer distance capabilities.

Additional Features: USB ports, IR/RS-232 control, and matrix switching capabilities add to the cost. Installation and Labor: For larger deployments, costs include fiber cabling, connectors, and professional installation, which can range from a few hundred to several thousand dollars depending on complexity. Typical Cost ExamplesEntry-Level Systems: Basic 1080p fiber KVM extenders for short distances (up to 300 meters) can start around $500–$1,000 per transmitter/receiver pair.

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Mid-

Range Systems: 4K HDMI or DisplayPort extenders with USB support for distances up to 500 meters may cost $1,500–$3,000.

High-

End Systems: Long-distance extenders (up to 10 km or more) with multi-monitor support, matrix switching, and advanced control features can exceed $5,000 per set.

Cost-

Saving Tips

Use multi-mode fiber for shorter runs to reduce cable and module costs. Bundle multiple extenders in a single purchase to leverage volume discounts. Plan installation efficiently to minimize labor and trenching costs for outdoor deployments.

In summary, a fiber optic KVM system can cost anywhere from $500 for basic setups to over $5,000 for advanced, long-distance, multi-monitor systems, with the final price influenced by distance, resolution, fiber type, and additional features.

Article Content

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

With the capability to support up to 16 pairs of transmitter (TX) and receiver (RX) devices via a single Gigabit Ethernet switch, this fiber optic KVM extender offers

KVM Extenders:Fibre-Optic:

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Secure High Performance KVM Extenders and Matrix Switches

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KVM Extenders over CAT/IP/Fiber

Solid-built KVM extenders with good quality and prices. We provides rich options of KVM extenders, consistent customer service and profit margins for our clients.

KVM Extenders | Matrox Video

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Matrox KVM extenders allow you to centralize systems in a secure server room, and control them from a distance without compromising performance. Matrox KVM extenders can extend signals—such as

KVM Fiber Optic Extenders over Fiber up to 70 km

The Fiber Extender is designed to extend signals over Optical Fiber for long-distance transmission. Rextron is good at providing a variety of KVM solutions, including Fiber KVM extenders. Our

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

USB True 4K DisplayPort/HDMI Optical KVM Extender (True 4K

Deploying the CE980 enables long-distance KVM extension of up to 300 meters via a fiber optic connection, ensuring stable, interference-free transmission with inherent EMI resistance for reliable

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TDS Fiber | Best Fiber Optic Internet Provider Near Me

Unlike traditional copper wire connections, fiber-optic cables offer faster speeds, greater bandwidth, and are less susceptible to interference. Learn more about fiber-optic internet connections here.

Amazon : KVM Extender

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AV Access 4K HDMI KVM Extender, 120m/394ft Over Ethernet Cat5e/6, 1080P@120Hz, 3X USB 2.0 Ports, Zero-Latency, Plug and Play, KVM Webcam Extender for Gaming, Data Centers &

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

AV Access 4KIP500F-KVM fiber KVM extender, transmitting 4K HDMI and USB signals up to 550m/1800ft with zero latency. Works with an Ethernet switch to control multiple PCs with ease, ideal

Amazon : Primeda-telecom 4K HDMI Over Fiber

About this item □4K HDMI over Fiber□- Extend 4K HDMI signal through a Fiber Optic cable to remote transmission, Up to 0.62Miles (10Km) by a single-mode

Fiber Internet Provider

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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