# International fiber optic KVM pricing



## Overview

The BIT-Ex-Fib-IP-4K-KVM is a professional-grade HDMI fiber optic extender designed for zero-latency, uncompressed 4K@30Hz video transmission over distances up to 30KM.

## Key Takeaways

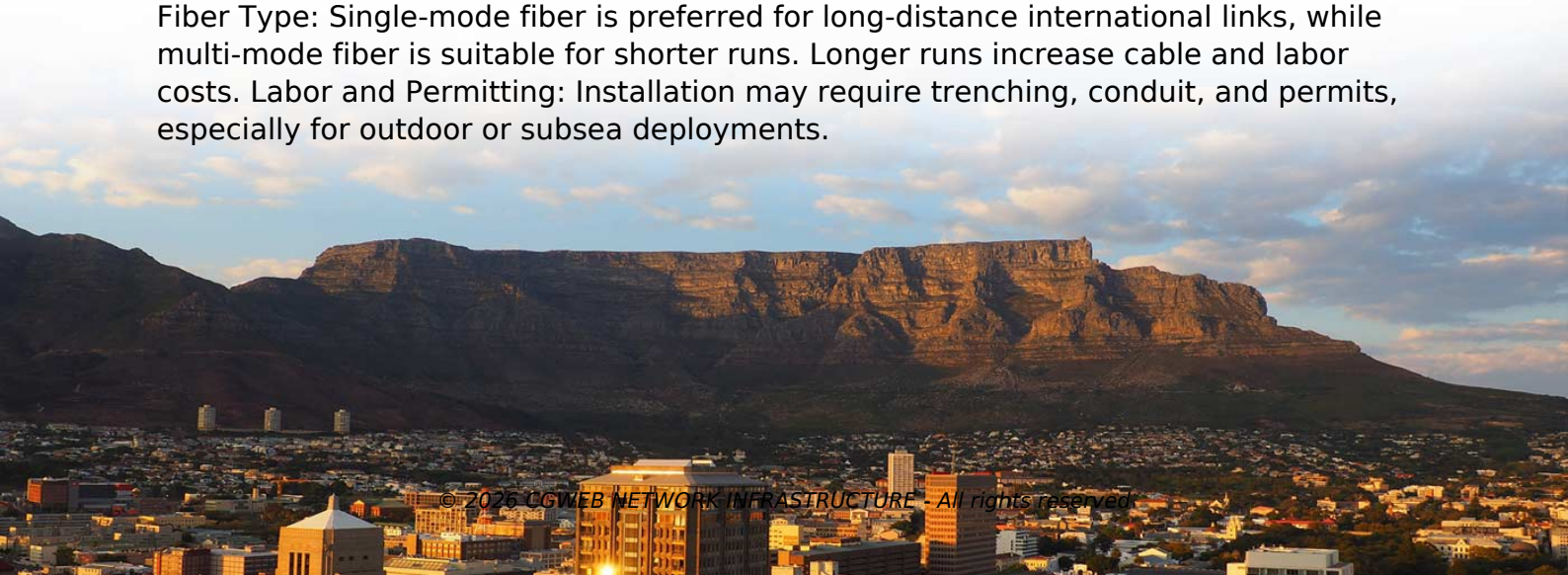
International fiber optic KVM systems typically cost between $150 and $500+ per extender unit, with total deployment costs influenced by distance, fiber type, and installation complexity.

### Hardware Costs

Fiber optic KVM extenders, which allow remote control of computers over long distances, generally range from $150 to $500 or more per system depending on features such as resolution, USB support, and single-mode or multi-mode fiber compatibility. High-end models supporting 4K video, multiple USB ports, and long-distance transmission (up to several kilometers) can cost significantly more.

### Installation and Deployment Costs

The total cost of international deployment depends on several factors: Distance and Fiber Type: Single-mode fiber is preferred for long-distance international links, while multi-mode fiber is suitable for shorter runs. Longer runs increase cable and labor costs. Labor and Permitting: Installation may require trenching, conduit, and permits, especially for outdoor or subsea deployments.



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Labor rates vary by region, typically ranging from $75 to $180 per hour, with total hours depending on project complexity. Additional Hardware: Connectors, SFP modules, switches, and testing equipment add to the cost. For example, a 4K fiber KVM extender kit may include SFP+ modules and Ethernet integration for multiple transmitter/receiver pairs.

### Per-

Unit and Linear CostsPer Extender Unit: $150–$500+ for standard systems; high-performance or IP-based KVM extenders may exceed this range. Per Linear Foot of Fiber: International fiber installation can range from $1 to $50+ per foot, depending on whether the deployment is aerial, underground, or subsea, and the complexity of trenching and conduit work.

### Summary

For a typical international fiber optic KVM setup: Basic system: $150–$500 per extender unitInstallation and fiber deployment: Highly variable, potentially thousands to tens of thousands of dollars depending on distance, environment, and laborHigh-end or long-distance systems: Costs can escalate significantly for multi-kilometer or subsea links, including specialized connectors, testing, and secure transmission requirements. Planning an international fiber KVM deployment requires careful consideration of both hardware costs and installation logistics, with the total investment heavily influenced by distance, fiber type, and environmental factors.

## Article Content

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

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

Fiber KVM Extender

Single Mode & Multi Mode (Five Fiber) Fiber KVM Extenders. Dual Monitor DVI.

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

With the advanced fiber optic technology, this 4K KVM extender provides anti-electromagnetic interference and zero latency, ensuring uninterrupted and

Fiber KVM Matrix System Market 2026-2034

Global Fiber KVM Matrix System market size was valued at USD 609 million in 2025. The market is projected to reach USD 763 million by 2034, exhibiting a CAGR of 3.4% during the forecast

Global Fiber Distribution KVM Matrix System Market 2024 by ...

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Chapter 2, to profile the top manufacturers of Fiber Distribution KVM Matrix System, with price, sales quantity, revenue, and global market share of Fiber Distribution KVM Matrix System from

Fiber Distribution KVM Matrix System Market

Many critical components, including optical transceivers, specialized fiber cabling, and matrix switch modules, are sourced internationally, and the imposition of additional duties has increased landed

Global Fiber KVM Matrix System Market Research Report 2025

The global market for Fiber KVM Matrix System was valued at US$ 649 million in the year 2024 and is projected to reach a revised size of US$ 801 million by 2031, growing at a CAGR of

Secure High Performance KVM Extenders and Matrix Switches

Thinklogical provides secure, high-performance, fiber-optic KVM extenders and matrix switches that offer uncompressed, high-bandwidth signal management and distribution for mission-critical defense

Fiber Distribution KVM Matrix System Market Outlook 2026-2034

Global Fiber Distribution KVM Matrix System market size was valued at USD 609 million in 2025. The market is projected to grow from USD 630 million in 2026 to USD 763 million by 2034,

Fiber KVM Matrix System Market

The fiber KVM matrix system market is experiencing significant growth, propelled by rising enterprise demand for reliable, high-bandwidth solutions that support advanced virtualization, edge computing,

4K HDMI Fiber Optic Extender with Kvm Over Ipzero Latency 4K HDMI Fiber ...

The BIT-Ex-Fib-IP-4K-KVM is a professional-grade HDMI fiber optic extender designed for zero-latency, uncompressed 4K@30Hz video transmission over distances up to 30KM.

DTECH HDMI Cable Optic Fiber KVM USB Video Extender 20km

Alibaba : DTECH DT-D7059 HDMI Cable Optic Fiber KVM USB Video Extender, 20km transmission distance, 1920*1080 resolution. Explore competitive pricing and reliable connections for your

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The ATEN CE980 USB True 4K DisplayPort/HDMI Optical KVM Extenders ensure transmission of True 4K video, KVM and control signals over a single fiber optic cable, extending up to 984ft/300m. The

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

KVM Extenders:Fibre-Optic:

P2P-KVR300 - SmartAVI - Single Head DVI KVM-Over-IP Extender/Matrix Switch, CATx + Fiber, DVI Receiver (P2PKVM Series) DVI KVM-Over-IP Extender/Matrix Device – Single Head, CATx + Fiber

Fiber KVM Extender

Fiber KVM Extender Adder XD150FX DVI-D, USB, Audio, & RS232 Fiber KVM Extender Up to 1,312ft (400m) over Multi-Mode Fiber Resolutions up to 2560 x

Fibre KVM-Extender

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

HDMI Extender over Fiber with KVM USB Pass-Through

Extreme distance full 4K HDMI extender with KVM that can reach up to 6.2 miles using a duplex single mode fiber cable.

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