

How much does an international KVM fiber optic matrix interface cost



AI Overview

KVM fiber optic matrix interfaces typically range from \$1,500 to over \$10,000 per unit, depending on features, distance, and scalability. Pricing Overview The cost of a KVM fiber optic matrix interface varies widely based on several factors:

- Resolution and Video Support:** Devices supporting 4K UHD or multiple monitors generally cost more than standard HD units.
- Distance and Fiber Type:** Single-mode fiber extenders for long distances (up to 12 miles/20 km) are more expensive than multimode fiber extenders for shorter distances.
- Matrix Capabilities:** True matrix switching (point-to-many or many-to-many) adds complexity and increases cost. Basic one-to-one extenders are cheaper, while full matrix systems with multiple transmitters and receivers can exceed \$10,000.
- Connectivity and Ports:** Devices with USB, HDMI, DisplayPort, or DVI support, plus additional peripheral integration, influence pricing.
- Brand and Vendor:** Premium brands like Adder, SmartAVI, and XTENDEX typically command higher prices due to reliability, warranty, and support.

Typical Cost Examples

- Single Transmitter/Receiver Extenders:** \$1,500–\$3,500 for 4K HDMI or DVI over fiber up to 550 meters.
- Advanced Matrix Systems:** \$5,000–\$12,000+ for multi-user, multi-display setups with IP-based control and long-distance single-mode fiber support.
- Enterprise or Custom Solutions:** Large-scale installations with dozens of endpoints can exceed \$20,000, depending on configuration and redundancy requirements.

Additional Considerations

- Shipping and Import Fees:** International purchases may incur customs duties, VAT, or shipping costs, which can add 10–30% to the base price.
- Installation and Support:** Professional setup, cabling, and technical support may be additional costs.
- Scalability:** Some systems allow expansion by adding more transmitters/receivers, which can affect long-term budgeting.

In summary, wh...

Article Content

KVM Matrix Switch, Fiber Optic KVM Extender, KVM

AVCIT provides Fiber KVM Matrix system with simple and smart user experience without wasting any fiber ports. Thanks to its dynamic ports, any PHINX ports

4K HDMI® IP KVM Matrix Extender over Cat5/Fiber

Hot Backup with Master and Backup Connections Kinan KFH188s IP KVM extender supports local (TX) HDMI interface loop-out, and hot backup function with dual

KVM Extenders | KVMGalore | Digital signage, KVM and audio/video ...

High-performance, single-head DisplayPort, HDMI, and DVI CATx and fiber-optic KVM-over-IP extension & matrix-switching, w/ USB peripherals, audio, optional RS232 & IR

KVM Matrix Switch

Get enterprise-level KVM features in a compact form Scale from 40 to 80 to 160 Ports Extend video, USB, and audio up to 10 km (6.2 miles) over fiber Support 4K 60 4:4:4 video with 10-bits per color

Fiber KVM Matrix System Market 2026-2034

A Fiber KVM Matrix System is an advanced network solution that uses fiber-optic connections to extend and manage keyboard, video, and mouse (KVM) signals across long

DKM Modular KVM Matrix Switching | Black Box

High-performance modular KVM matrix switching. The DKM system provides flexible, instantaneous crosspoint switching for 4K video and peripherals.

24 x 24 10Gb Multimode Fiber Matrix Switch

The TLX24 offers a compact, high performance, non-blocking matrix switch for complete, end-to-end routing of video and peripheral signals. The 1RU matrix is available in fiber, CATx and hybrid

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 with zero latency. Works with an Ethernet switch to

KVM Extenders:Fibre-Optic:

DP KVM-Over-IP Extender/Matrix Device – Single Head, CATx + Fiber Extend, control, and manage your DP-based workstation over IP with the P2P-KDT300. Supporting flexible Direct,...

KVM Extenders | Frequently Asked Questions | Matrox Video

How does a KVM extender work? KVM extenders consist of a transmitter and receiver pair. A transmitter unit is located next to the computer system, and a receiver unit resides at the remote user station.

KVM Extenders | Matrox Video

IP KVM Extenders Matrox Extio 3 works as either a point-to-point (fiber optic or copper), or networked KVM extension and switching solution, leveraging standard Gigabit network infrastructure to securely

Global Fiber KVM Matrix System Market 2025 by Manufacturers,

According to our (Global Info Research) latest study, the global Fiber KVM Matrix System market size was valued at US\$ 668 million in 2024 and is forecast to a readjusted size of USD 821 million by

KVM Extenders | Servers & KVM

FS provides KVM Extenders, free & fast delivery, expert tech support, outstanding warranties.

Using fiber optics for KVM extension.

Considerations for fiber-based KVM extension. Before selecting a fiber-based KVM extender, it's important to know the limitations of your system. You need to know where couplers, links,

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

KVM Extender over Fiber

The KVM HDMI/DisplayPort Dual Head KVM Extender lets you control a server or computer over singlemode fiber at distances of up to 30 km (depending on the SFP used, fiber type, and fiber

Adder INFINITY 4K 60Hz KVM-Over-IP Dual

ADDERLink Infinity ALIF4021T is a dual-head 4K DisplayPort, Audio and USB 2.0 Fiber IP KVM Transmitter that is part of the Adder Infinity 4000 4K Digital

Fiber Optics Matrix Switchers | Extron

Extron Fiber Optic Matrix Switchers are designed for complete, end-to-end digital AV signal transmission and routing over fiber optic cable.

KVM over IP Matrix System Implementation Guide

ATEN's KVM over IP Matrix Manager (CCKM) allows you to create custom video walls. The KVM over IP Matrix System's multicast functionality means it is able to broadcast packets.

[Shop KVM Fiber Extenders | Markertek](#)

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

[KVM Switches, Extenders & Matrix Systems | Black Box](#)

Optimize your workspace with Black Box KVM solutions. Gain seamless, high-performance control over multiple servers and computers from one workstation.

[KVM-over-IP-Matrix-System-Product-Guide](#)

The ATEN KVM over IP Matrix System eliminates the limitations and costs of surveillance software while offering versatile and customizable viewing layouts, allowing multiple local and remote access.

[Fiber KVM Matrix System Market](#)

Fiber KVM matrix systems are redefining remote connectivity for enterprises by enabling secure, high-performance signal distribution and centralized infrastructure management across data centers,

[Fiber KVM Matrix System Market 2026-2034](#)

Global Fiber KVM Matrix System market valued at USD 609M in 2025, projected to reach USD 763M by 2034, at 3.4% CAGR. Insights on growth, drivers, segments & key players.

[FOX3 Matrix 24x](#)

The Extron FOX3 Matrix 24x provides high-performance switching of 4K/60 video, audio, USB, control, and 3D sync over fiber optic cable. Expandable from 8x8 up to 24x24, this modular matrix switcher

[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](#)

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.sphplantsales.co.za>

Email: info@sphplantsales.co.za

Phone: +27 64 827 3915

Address: Unit 9, Highveld Technopark, 43 Atlas Road, Johannesburg, 2196,
South Africa

This document is for informational purposes only. Specifications subject to
change without notice.

