

How much does an imported KVM fiber optic matrix interface cost



Article Overview

Imported KVM fiber optic matrix interfaces typically cost between USD 20,000 and USD 100,000 or more, depending on port count, resolution, and system complexity.

Price Range and Market Context

The cost of a fiber optic KVM matrix interface varies widely based on port configuration, video resolution, and manufacturer. Standard systems with 8 to 32 ports generally start around USD 20,000–50,000, while high-end, large-scale matrices supporting 64 ports or more, 4K/8K video, and multi-user access can exceed USD 100,000 . Custom or enterprise-grade solutions, such as those offered by Extron or Matrox, may reach several hundred thousand dollars for ultra-high-density deployments .

Factors Affecting Cost

- **Port Count and Scalability:** Systems with more ports (e.g., 32, 64, 128) increase cost due to additional fiber transceivers and switching hardware .
- **Video Resolution and Latency:** High-resolution support (4K/8K) and low-latency performance for mission-critical applications add to the price .
- **Brand and Features:** Leading brands like Siemens, ATEN, Black Box, and Matrox offer premium features such as multi-monitor support, IP-based control, and secure remote access, which increase cost .
- **Import Tariffs and Duties:** Recent U.S. tariffs on semiconductors and Chinese electronic components have raised costs by 30–50% for imported KVM systems, par...

Article Content

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

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

4K HDMI USB HID IP KVM Matrix Receiver Set with Audio and EDID

The point-to-point connection supports a transmission distance of 120m with CAT5e/6/6a/7 Cable or 20km through Fiber Optic. This

20Km KVM Fiber Optic Extender for HDMI-Compatible Over IP

A KVM switch fiber optic extender enables reliable transmission of HDMI, USB, and control signals over distances up to 20 km with

StarTech 4K HDMI KVM Extender Over Fiber

This HDMI KVM extender kit lets you use a keyboard, mouse and monitor to remotely control any computer over a point-to-point fiber

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

Selecting a KVM Extender | Key Considerations | Matrox Video

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ADDERLink ALIF4001T-US INFINITY Dual Head 5K USB2.0 KVM

Fully compatible with the existing ADDERLink INFINITY (ALIF) range, and supported by the ADDERLink INFINITY Manager (AIM),

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

KVM Extender over Fiber

The KVX HDMI/DisplayPort Dual Head KVM Extender lets you control a server or computer over a single-mode or multimode 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

KVM Matrix | Adder Technology

KVM matrix systems optimize space, improve team collaboration, and allow simultaneous control over multiple devices. They are

KVM over IP Matrix System | ATEN Corporate Headquarters

Slim Matrix Ideal for small-scale control room applications, the slim matrix KVM over IP system supports up to 12 transmitters and

DKM Modular KVM Matrix Switching | Black Box

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

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

KVM Extender over Fiber

Extend KVM signals over Singlemode Fiber via SFP. The KVX HDMI/DisplayPort Dual Head KVM Extender lets you control a server

8 Best KVM Over IP Switches (July 2026) Ranked and Tested

Discover the best KVM over IP switches of 2026. Our experts tested 8 top models for latency, resolution, and security to

KVM Fiber Extenders HDMI DisplayPort VGA USB Singlemode

KVM Extenders over Fiber Extend a monitor, keyboard, and mouse away from a computer with no loss of signal using fiber optic

KVM Extenders:Fibre-Optic:

DP KVM-Over-IP Extender/Matrix Device – Single Head, CATx + Fiber Extend, control, and manage your DP-based workstation over

Aten KE Series

Matrix mode Many-to-Many: Delivering the ultimate in flexibility and performance, in this mode the ATEN KVM Over IP Matrix System

KVM Over Fiber, Phinx

Specification of Phinx-288 Ports Fiber KVM Matrix ... Highlights of Phinx-288 Ports Fiber KVM Matrix Reliable redundancy with

AV Access 4K HDMI Fiber KVM Extender Over IP, up to 550m

Featuring DIP switch pairing, this 4K fiber optic KVM extender ensures quick and simple setup. The user-friendly feature eliminates

Matrix Switch

DKM Compact KVM Matrix Switch - 8-Port, High-Speed Singlemode Fiber, Redundant Power Scalable, flexible and instantaneous

Contact Us

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