How much does a KVM fiber optic receiver cost

Overview

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.

Key Takeaways

Fiber optic KVM receivers typically range from $500 to $2,500 or more, depending on features, resolution, and transmission distance.

Price Overview

The cost of a KVM fiber optic receiver depends on several factors: Resolution and Video Quality: Receivers supporting 4K HDMI at 30Hz or higher, like the AV Access 4KIP500F-KVM, are generally more expensive than those supporting 1080p. Transmission Distance: Devices capable of long-range transmission (up to 10 km or 30 km with single-mode fiber) cost more due to advanced optical modules and SFP requirements.

US

B and Peripheral Support: Receivers that support USB 2. 0 or 3. 0 for remote keyboard, mouse, or camera control add to the price.

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Brand and Warranty: Premium brands like Black Box or AV Access often include technical support and compliance certifications, which can increase cost. Typical Price RangesEntry-level fiber KVM receivers (short-range, 1080p, basic USB support): $500–$800Mid-range receivers (4K support, 500–1,000 meters, USB 2. 0): $1,000–$1,500High-end receivers (long-range, 4K, multi-mode or single-mode fiber, advanced USB and audio support): $1,500–$2,500+Additional ConsiderationsKVM Extender Kits: Many receivers are sold as part of a kit with a transmitter (TX), which can affect the total cost.

SF

P Modules: Some high-end receivers require separate SFP modules for single-mode or multi-mode fiber, which can add $50–$200 per module. Scalability: Systems that allow multiple TX/RX pairs over a single network switch may require additional network hardware, influencing overall investment. In summary, a single fiber optic KVM receiver can cost anywhere from $500 to over $2,500, with the final price determined by resolution, distance, USB support, and brand.

For precise pricing, it is recommended to check vendor websites or request a quote from suppliers like AV Access, Black Box, or specialized KVM distributors.

Article Content

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,

ATEN KX9970FR | 5K DisplayPort KVM over IP fiber receiver

KX9970F is a high-performance KVM over IP transmitter/receiver system that allows connection to a DisplayPort computer and enables secure, remote, and uninterrupted access to the computer from a

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

This new HDMI KVM extender can transmit 4K@30Hz HDMI signal up to 550m (1800ft) via a fiber optic cable. With its ultra-long-range transmission, it is perfect for expansive spaces like large buildings,

KVM Extenders:Fibre-Optic:

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...

4K 60Hz HDMI KVM Fiber Extender over LC Fiber w/

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4K@60Hz HDMI 2.0 Extender over fiber is a compact and high-performance solution which provides remote KVM (USB keyboard, USB mouse and 4K x 2K

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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

AV Access 4K HDMI USB KVM Extender TCP/IP Over Single Cat5e/6

Remote Control with USB Keyboard & MouseBuilt-in USB 2.0 KVM extender allows you to control a remote PC, server, or game console using a keyboard, mouse, or controller. The receiver includes 3

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 Extenders from Your Extender Experts

A standard CATx/Fiber KVM extender allows you to access a extend the distance between a local computer and a user console via a CATx or Fiber cable. Standard KVM extenders are great for local

Fiber Extender

ServSwitch Dual DVI Single-Mode Fiber Optic KVM Extender, USB For computers with dual video heads, extend signals over single-mode fiber. $5,830.88

Using fiber optics for KVM extension.

If it''s a longer run, you have to determine whether multimode or single-mode fiber cable is needed. The most important consideration in planning cabling for fiber-based KVM extension is the power budget

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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

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 at distances of up to 30 km (depending on the SFP used, fiber type,

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Single-Mode Fiber Optic KVM Extender, HDMI 2.0

Fiber Optic KVM Extender, FXA1MU-M57, consists of a Transmitter and a Receiver unit that allows you to extend HDMI 2.0 and USB HID signals up to 500 meters

CONSIDERATIONS FOR FIBER

CONSIDERATIONS FOR FIBER-BASED KVM EXTENSION If you''re sending KVM signals between buildings for an extended distance, in areas supplied by different power sources, in an electrically e

StarTech 4K HDMI KVM Extender Over Fiber

USB and 4K HDMI KVM extender over fiber controls a KVM switch/console or PC using fiber optic cable up 4K 60Hz UHD video (up to 3840 x 2160 60Hz)/4 -4 -4 sampling

The Top 10 Semiconductor Giants by Market Cap Today

The Biggest Semiconductor Companies by Market Cap in 2025 The semiconductor industry is the backbone of our digital world. The biggest semiconductor companies design and build

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 zero latency, making it ideal for professional environments requiring long

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