

Article Overview

Fiber optic KVM extenders in Mongolia typically range from \$500 to over \$5,000 per unit, depending on distance, resolution, and features.

Cost Overview

The price of fiber optic KVM extenders varies widely based on transmission distance, video resolution, number of monitors, and additional features:

- o Short-range extenders (up to 500 meters, single or dual monitor, 1080p-4K) generally cost \$500-\$1,500 per transmitter/receiver pair .
- o Medium-range extenders (up to 5 km, multi-monitor, 4K support) can range from \$1,500-\$3,500 per pair .
- o Long-range or high-end extenders (up to 70 km, multi-display, IP KVM, zero latency, multi-protocol support) may exceed \$5,000 per pair .

Factors Affecting Price

- o Transmission Distance: Single-mode fiber supports longer distances (up to 70 km), while multi-mode fiber is suitable for shorter distances (up to 550 m) and is generally less expensive .
- o Video Resolution: 4K support or multi-monitor setups increase cost due to higher bandwidth requirements .
- o Connectivity Features: USB, audio, RS232, and IP KVM capabilities add to the price .
- o Brand and Quality: Premium brands like Matrox or Rextron offer higher reliability and support, which can increase cost .

Local Sourcing in Mongolia

While specific Mongolian distributors are not listed in the web results, international suppliers often ship to Mongolia. Companies like Matrox, Rextron, and KVM-Switches-Online provide fiber optic KVM extenders suitable for enterprise, medical, broadcast, and government applications . For local procurement, contacting authorized resellers or IT integrators in Ulaanbaatar is recommended to account for shipping, import duties, and installation services.

Recommendation

For a typical enterprise setup in Mongolia:

- o Small office or lab: Dual-monitor, 500 m range, ~\$500-\$1,000 per pair.
- o Medium control room: Quad-monitor, 1-5 km range, ~\$2,000-\$3,500 per pair.

Price quote for Mongolian fiber optic KVM

o Large-scale or mission-critical deployment: Multi-display, IP KVM, 10-70 km range, \$5,000+ per pair. These estimates provide a practical starting point for budgeting and planning fiber optic KVM installations in Mongolia .

There are 17 companies that supply fibre optic cables in Mongolia, with the largest supplier being Zhejiang Tieying optoelectric

Our analysts track relevant industries related to the Mongolia Fiber Optics Market, allowing our clients with actionable intelligence

Considerations for fiber-based KVM extension. Before selecting a fiber-based KVM extender, it's important to know the limitations of

HDMI fiber optic Extenders 1080p KVM USB This HDMI extender transmit HDMI signal over a single SC/SC optical fiber cable up to

This fiber optic cable manufacturer Price guide breaks down the costs of ADSS, Outdoor, and FTTH

Sell Price Of Mongolian Fiber Optic Couplers in bulk to verified buyers and importers. Connect with businesses actively looking to

The following breakdown shows how costs accumulate for a fiber optic run. The table combines per-foot cable costs

With a Fiber KVM Extender you can digitally place the KVM control console (keyboard / video / mouse)

Shop ADDERLink XD150FX-MM-US KVM DVI Video Extender System with USB2.0 Over a Single Duplex Fiber Cable - TX/RX -

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

The BIT-Ex-Fib-IP-4K-KVM is a professional-grade HDMI fiber optic extender designed for zero-latency, uncompressed 4K@30Hz

The CE980 is a USB DisplayPort/HDMI Optical KVM Extender that extends KVM signals over fiber-optic transmission up to 300

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For this reason, the data in this article is based on real market quotations from the Chinese

HDMI KVM Fiber Extender over SC Fiber Optical Cable to 20Km HDMI KVM Extender to Fiber Transceiver

Fiber optic cables are widely used in a variety of data networks, including telecommunications and Internet core infrastructure, data

The 4KIP500F-KVM can transmit 4K ultra HD HDMI signals up to

Web: <https://www.millstraining.co.za>

