

Article Overview

Leading manufacturers of KVM fiber optic extenders include Rextron, ATEN, and Kinan, offering solutions for long-distance, high-resolution video and peripheral extension.

Rextron

Rextron provides a wide range of fiber-optical KVM extenders suitable for high-EMI environments and long-distance transmission up to 70 km. Their products support multiple video interfaces including VGA, DVI, HDMI, DisplayPort, and USB-C, with resolutions up to 4K 60Hz (4:4:4). Rextron extenders can transmit video, audio, USB, IR, and RS-232 signals, allowing remote console access without network exposure. Models include dual-head HDMI extenders, hybrid HDMI+DP extenders, and USB HDMI/DP fiber extenders for both single-mode and multi-mode fiber applications .

ATEN

ATEN's CE990 USB DisplayPort/HDMI Optical KVM Extender supports True 4K video over a single fiber optic cable up to 10 km. It is HDCP 2.3-compliant and supports RS-232, USB 2.0 peripherals, and embedded digital audio including Dolby TrueHD and DTS-HD Master Audio. The CE990 is designed for critical control environments such as transportation, manufacturing, and utilities, offering flexible display configurations and stable, interference-free transmission .

Kinan

Kinan manufactures fiber optic KVM extenders capable of extending consoles up to 10 km over single-mode fiber and up to 300 m over multi-mode fiber. Their extenders support 4K resolution via HDMI2.0, USB peripherals, and real-time, zero-loss video transmission. Kinan emphasizes customization options, OEM/ODM services, and robust quality management with CE, FCC, UL, and RoHS certifications. Their products are suitable for industrial, medical, and transportation applications .

Other Suppliers

Additional suppliers include KVM-Switch.de and other specialized vendors offering DVI, HDMI, and DisplayPort fiber KVM extenders with support for USB 2.0, touchscreens, and multi-monitor setups. These extenders typically provide latency-free transmission and are suitable for production and industrial environments .

Summary



KVM Extender Fiber Optic Manufacturer

When selecting a KVM fiber optic extender manufacturer, consider:

- o Transmission distance (single-mode vs. multi-mode fiber)
 - o Supported video resolution (up to 4K 60Hz)
 - o Peripheral support (USB, audio, RS-232, IR)
 - o Environmental suitability (EMI resistance, industrial use)
 - o Customization and OEM options
- Rexton, ATEN, and Kinan are among the most recognized manufacturers offering reliable, high-performance fiber optic KVM extenders for professional and industrial applications.

Fiber Multi-Monitor KVM Extenders Adder Infinity Solution High Performance Digital IP Extension / KVM Over IP Switch Matrix DVI,

REMOTE ACCESS: USB & 4K HDMI KVM extender over fiber controls a KVM switch/console or PC using a fiber optic cable at

KVM Fiber Extenders. Transmit signals over fiber cable. Use single-mode or multimode fiber cable to

Check our ATEN products: KVM, Professional Audio/Video, Energy Intelligence Rack PDU, Mobility & USB, Data Communication

HDMI Fiber KVM Extender, FXMS-M033, consists of a Transmitter (Host) and a Receiver (Device) unit that allows you to extend

Fiber 4K30 HDMI+USB KVM-Extender over IP (max. 500m MM), Zero Latency, 3x USB 2.0, AV Access

IP KVM Extenders Matrox Extio 3 works as either a point-to-point (fiber optic or copper), or networked KVM extension and switching

The ATEN CE980 USB True 4K DisplayPort/HDMI Optical KVM Extenders ensure transmission of True 4K video, KVM and control

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

The CE990 is a USB DisplayPort/HDMI Optical KVM Extender that extends KVM signals over fiber-optic transmission up to 10 km,

The fiber optic KVM extenders enable the extension of your console up to 10,000 meters via a fiber



KVM Extender Fiber Optic Manufacturer

Adder's KVM extenders overcome distance limitations posed by digital or analogue cables. Available as DVI extenders, HDMI

4K Fiber KVM Extender over IP Enjoy Long-Distance and Zero-Latency Transmission Typical Applications

Fiber KVM Extender DVI-D, USB, Audio, & RS232 Fiber KVM Extender Up to 1,312ft (400m) over Multi

KVM Extender - CAT5 KVM Extender and Fiber KVM Extenders from Leading Manufacturers!

Our diverse product offerings of KVM extenders will address any of your needs; wireless KVM extenders will eliminate the need to

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