

Brazilian KVM Fiber Optic Transmitter



AI Overview

KVM fiber optic transmitters allow remote control of computers and servers over long distances with high-resolution video, USB, audio, and serial signal support. Overview KVM (Keyboard, Video, Mouse) fiber optic transmitters are devices that extend computer signals over fiber optic cables, enabling users to control systems from remote locations without compromising performance. These transmitters are ideal for high-security environments, industrial facilities, broadcast studios, medical applications, and control rooms where long-distance, EMI-immune connections are required. Key Features Signal Support: Video (HDMI, DisplayPort, DVI, VGA), USB HID, audio, IR, and RS-232 signals. Resolution: Many models support up to 4K 60Hz (4:4:4) for single or dual monitors, with some multi-monitor options up to quad 2560x1600@60Hz. Distance: Fiber optic KVM extenders can transmit signals over hundreds of meters to tens of kilometers, depending on single-mode or multi-mode fiber and the specific model. For example, Black Box KVM Series supports up to 30 km, while Rextron extenders can reach up to 70 km. Fiber Types: Single-mode (S-M) and multi-mode (M-M) fiber options are available, often using LC connectors. Compatibility: Most extenders support Windows, Mac, Linux, Chrome OS, and Sun systems, ensuring broad interoperability. Applications: Remote server management, industrial automation, transportation control centers, medical facilities, and broadcast production. Brazilian Context While specific Brazilian-branded KVM fiber optic transmitters are limited, international brands like Matrox, Rextron, and Black Box are widely available in Brazil through distributors and AV integrators. These products are suitable for Brazilian infrastructure, supporting both single-mode and multi-mode fiber networks commonly used in corporate, industrial, and broadcast environments. Local AV solution providers, such as KanexPro, may also offer import and integration services for these extenders. Example Products Matrox Extio 2 Series: Fiber-optic po...

Article Content

Thinklogical Velocity Dual-Head, Single-Link DVI KVM Fiber Extender ...

The Velocity kvm System - 24 has a simple transmitter/receiver design which allows for ease of installation and straight forward deployment. Depending on the user's infrastructure, the transmitter

KVM Extenders:Fibre-Optic:

P2P-KHT300 - SmartAVI - Single Head HDMI KVM-Over-IP Extender/Matrix Switch, CATx + Fiber, HDMI Transmitter (P2PKVM Series) HDMI KVM-Over-IP Extender/Matrix Device - Single Head,

Jansicotek 4K 60Hz HDMI to Fiber Optic Converter 1080P 120Hz HDMI Fiber ...

Buy Jansicotek 4K 60Hz HDMI to Fiber Optic Converter 1080P 120Hz HDMI Fiber Optic Video Extender KVM USB Loop to HDMI Fiber Transmitter and Receiver Kit with fast shipping and top-rated

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

Stream high-definition video for telemedicine and remote diagnostics with the fiber optic KVM extender. Optical isolation ensures secure

Using fiber optics for KVM extension.

With fiber-based KVM extenders, the transmitter converts conventional data signals into a modulated light beam, then transports the beam via the fiber to a receiver, which converts the light back into

20KM HDMI to Fiber KVM Extender

Feature highlights: This 20KM HDMI USB KVM Extender Transmitter Receiver supports resolutions up to 1920x1080 @ 60Hz and uses H.265 high-definition digital video compression technology for

4K HDMI Optical Transmitter (4K@300m (K1, MM) /

The VE883T is a fiber-based transmitter designed to extend uncompressed 4K signal up to 300 m (using VE883TK1) or 10 km (using VE883TK2) over duplex

4K HDMI KVM Extender over Fiber

REMOTE ACCESS: USB & 4K HDMI KVM extender over fiber controls a KVM switch/console or PC using a fiber optic cable at distances up to 984"/300m

KVM Extenders

Move computers away from the desk while extending video, USB, keyboard, mouse, and audio to the operator station over CATx, fiber, or IP.

KVM Extenders | Matrox Video

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 route KVM signals.

VIS-000001-ST

The Thinklogical VIS-1 is a digital fiber optic transmitter/receiver system. This fiber optic KVM extension system is comprised of a transmitter device, which is co-located with the computer or source

4K KVM Extender over Fiber

The transmitter and receiver could be connected through one or more network switches. With the 4-Pin DIP switch built-in, up to 16 sets of transmitter and receiver in the same network

DVI-I Single Display KVM over IP Transmitter

The transmitter and receiver can be connected either directly to each other, or via a high-speed network over a copper-based or fiberbased LAN. Connecting via the

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

4K HDMI over Fiber Extender, 4K KVM Extender over

BY-KVM-612 includes a transmitter and a receiver which is a high-speed, HDCP compliant fiber optic transport system capable of distributing 4K/2K HDMI and

Velocitykvm-5 Datasheet

The System The Velocitykvm System - 5 has a simple transmitter/receiver design which allows for ease of installation and straight forward deployment. Depending on the user's infrastructure, the

VGA Extender Over Fiber Optic, KVM Switch with 3.5mm Audio, SC Fiber ...

VGA Extender Over Fiber Optic, KVM Switch with 3.5mm Audio, SC Fiber Port, Singlemode Fiber up to 20Km, Include Transmitter and Receiver Kit

Long Range 4K DP KVM Extension: Rextron FXPS

The Rextron hybrid dual head KVM extender consists of a transmitter (USB host) and a receiver (USB device) unit and extends HDMI+DP video, two-way audio,

Fiber KVM Extender

Fiber KVM Extender Adder XD150FX DVI-D, USB, Audio, & RS232 Fiber KVM Extender Up to 1,312ft (400m) over Multi-Mode Fiber Resolutions up to 2560 x

Fiber KVM Extender

Single Mode & Multi Mode (Five Fiber) Fiber KVM Extenders. Dual Monitor DVI.

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

4K HDMI Fiber Optic Extender with Kvm Over Ipzero Latency 4K HDMI Fiber ...

The BIT-Ex-Fib-IP-4K-KVM is a professional-grade HDMI fiber optic extender designed for zero-latency, uncompressed 4K@30Hz video transmission over distances up to 30KM.

DisplayPort KVM Extender over Fiber Optic, 4K 60Hz,

FIBER OPTIC KVM EXTENDER: Control a KVM switch, console, or PC at a distance of up to 984ft (300m) away over multi-mode cabling using pre-installed

Contact Us

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