

HDMI fiber optic KVM



AI Overview

HDMI fiber optic KVM extenders transmit high-resolution video and control signals over long distances with minimal latency, supporting 4K video, USB peripherals, and remote PC control. Overview HDMI fiber optic KVM extenders allow you to transmit HDMI video, audio, and control signals (keyboard, mouse, USB, RS232, IR) over fiber optic cables, overcoming the distance limitations of standard HDMI cables. These devices are ideal for data centers, control rooms, broadcast studios, hospitals, and large buildings where high-quality video and remote system control are required. Key Features High-Resolution Support: Most modern fiber KVM extenders support 4K video at 30Hz or 60Hz, ensuring clear and detailed visuals for professional applications. Long-Distance Transmission: Using multi-mode or single-mode fiber, these extenders can transmit signals from hundreds of meters up to 20 km, depending on the model and fiber type. Low Latency: Fiber optic technology provides near-zero latency, making it suitable for real-time control and interactive applications. Peripheral Support: USB 2.0/3.0 ports allow connection of keyboards, mice, touchscreens, and other devices. Some models also support RS232 and IR control for remote device management. Scalability: IP-based KVM extenders can connect multiple transmitter and receiver pairs through a Gigabit Ethernet switch, enabling centralized control of multiple systems without complex VLAN configurations. EMI Immunity: Fiber optic connections eliminate electromagnetic interference, ensuring stable and uninterrupted video transmission. Typical Applications Control Rooms and Broadcast Studios: Centralized management of multiple systems with high-resolution video output. Medical and Industrial Environments: Remote operation of computers and equipment in hospitals or industrial facilities. Large Buildings and Campuses: Extending HDMI and KVM signals across long distances without signal degradation. Example Models 4KIP500F-KVM: Supports 4K@30Hz HDMI over multi-mode fiber up...

Article Content

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 connection. When combined with a KVM switch, the KVM

Fiber KVM-Extender • KVM-Extender, KVM-Switches, LCD-Konsolen,

Mit einem Fiber KVM-Extender setzen Sie die KVM-Bedienkonsole (Keyboard / Video / Mouse) über Glasfaserkabel digital vom Rechner ab.

1920X1080P @60Hz HDMI KVM Fiber Extender over SC Fiber Optical

Find many great new & used options and get the best deals for 1920X1080P @60Hz HDMI KVM Fiber Extender over SC Fiber Optical Cable to 20Km F at the best online prices at eBay! Free shipping for

EZCOO AV Distribution ---Make installation easy

EZCOO provide high performance HDMI Extender EZ-EX70H2, HDMI Switcher/ Matrix EZ-MX42HAS-pro, HDMI Splitter. We have more

UNITEK | USB Hub, Storage, Adapters & Charging

Mag-Fold Magnetic Portable Stand SolidForceReefer TurboCool+ 80Gbps M.2 SSD Enclosure with Intelligent Cooling Fan System 8K DisplayPort 1.4 Fiber Optic

HDMI KVM EXTENDER OVER FO (20KM)

Extend HDMI signal up to 20KM with fiber optic cable Support resolution up to Full HD 1080P Based on TCP / IP standard Support IR remote control and 802.3 ethernet standard Support point-to-point, one

4K HDMI USB KVM Fiber Extender Over IP Singlemode

Video Wall Support Over IP via Two LC Singlemode/Multimode Fiber Optic Cables Extend an Ultra-HD 4Kx2K HDMI monitor, USB keyboard, USB mouse, RS232,

Computer, Audio & Video Connection Solutions from LINDY Electronics

Featured Products 10m Fibre Optic Hybrid HDMI 8K60 Cable 10m £124.33 £103.61 ex. VAT ex. VAT inc. VAT inc. VAT

Power Up Long-Range Control: ATEN Rolls Out True 4K DisplayPort/HDMI ...

Taipei, Taiwan (Jul. 14, 2025) - ATEN International, the leading provider of KVM and AV/IT connectivity and management solutions, today announced the launch of the CE980 and CE990 USB True 4K

USB True 4K DisplayPort/HDMI Optical KVM Extender (True 4K @ 300 m)

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

Fiber HDMI Cable 4K HDR 60Hz, Fiber Optic HDMI 2.0b Cable,

Buy Fiber HDMI Cable 4K HDR 60Hz, Fiber Optic HDMI 2.0b Cable, Support 18Gbps ARC,Dolby Vision, 3D,HDCP2.2,4:4:4 Switch and Projector, Roku, Slim and Flexible HDMI Fiber Optic Cable-(3M,10ft)

HDMI KVM Fiber Extender Over IP 10-20KM | HDMI Extender | USB KVM ...

000000000000000000000000 HDMI Video + USB Keyboard + Mouse 000 Fiber Optic
 000000 10-20KM 000000000000 CCTV Control Room, Office, Factory, Server Room,
 Data Center, Digital Signage 000

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 (multimode cable) or 1,640"/500m (single mode

4K HDMI Fiber Extender KVM With USB Local Loopout 3.5mm Audio

4K@30Hz HDMI fiber extender transmits uncompressed video, USB KVM and stereo audio over single fiber up to 20km. Equipped with HDMI local loopout for on-site monitoring and 3.5mm audio ports.

HDMI KVM Fiber Extender over SC Fiber Optical Cable Support USB

Find many great new & used options and get the best deals for HDMI KVM Fiber Extender over SC Fiber Optical Cable Support USB Mouse Keyboard at the best online prices at eBay! Free shipping

HDMI and VGA Cable Sourcing Guide for B2B Buyers

Compare HDMI 2.1 AOC, industrial VGA KVM cables, and HDMI-to-VGA adapters—plus pricing, specs, and supplier insights for legacy and high-end AV deployments.

Fiber KVM Extender

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

HDMI KVM Fiber Extender Over IP 10-20KM | HDMI Extender | USB KVM ...

HDMI KVM Fiber Extender Over IP 10-20KM | HDMI Extender | USB KVM | Fiber Optic | \$75 ដុល្លារ \$75 ដុល្លារ ដំណើរការល្អបំផុត SYNCCLOUD ប្រព័ន្ធ ប្រតិបត្តិការល្អបំផុត, ប្រសើរជាង, ប្រសើរជាង ប្រព័ន្ធប្រតិបត្តិការល្អបំផុត Khmer24 .

HDMI KVM Fiber Optic Extender, 4K@60Hz

VOSCOM HDMI KVM Fiber Optic Extender, VOS-1HDMI-ADUT/R can transmit your HDMI, audio, data & USB signal up to 10km, for Apple TV 4K, Fire TV Stick 4K, nVidia Shield TV, game console, or

KVM Extender over Fiber

The KVX 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 the SFP used, fiber type, and fiber

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

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,

LINDY 39366

Der Lindy Glasfaser-HDMI® 4K60 KVM USB 2.0, RS-232 & IR Extender ist eine leistungsstarke, zuverlässige Lösung für die Übertragung von AV- und Datensignalen über besonders große

KVM Fiber Optic Extenders over Fiber up to 70 km

The Rextron 4K60 HDMI Dual Head KVM Extender consists of a transmitter (USB host) and a receiver (USB device) unit and extends dual 4K60 HDMI, two-way audio, USB 2.0, IR and RS-232 signals up

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.mr-security.co.za>

Email: info@mr-security.co.za

Phone: +33 1 45 23 67 81

Address: 10 Rue de la Paix, 75002 Paris, France

This document is for informational purposes only. Specifications subject to change without notice.

