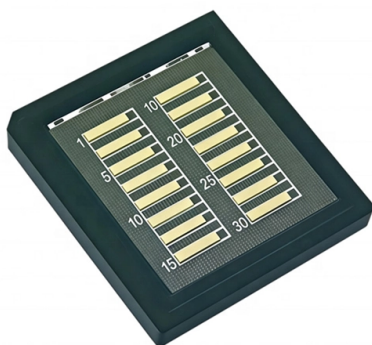


KVM switch extends VGA



Overview

KVM Extenders | KVM Switches and Accessories Our KVM extenders offer control of remote KVM switches or individual servers and workstations - the ideal solu.

Key Takeaways

VGA KVM extenders allow you to control multiple computers from a single console while extending VGA video, USB, and audio signals over long distances. Overview of VGA KVM Extenders

VGA KVM extenders are devices that extend the reach of your VGA video signal along with keyboard, mouse, and sometimes audio connections. They are particularly useful when your computers are located far from your workstation or when you need centralized control of multiple systems. These extenders can work over CATx cables, IP networks, or specialized KVM cabling depending on the model and distance requirements .

Distance and Signal Support

- CATx-based extenders can transmit VGA, USB, and audio signals up to 150-1000 feet depending on the model and cable quality .
- IP-based KVM extenders allow VGA and USB signals to be extended over a standard Gigabit LAN up to 330 feet (100 meters), with the ability to scale to thousands of endpoints in a networked environment .



- High-resolution support is available, with some devices handling up to 1920 x 1200 (WUXGA) for clear, professional-quality video .

USB and Peripheral Support

- HID-only extenders support keyboards and mice but may not handle other USB devices like printers or storage drives .
 - Full USB 2.0 extenders allow connection of additional peripherals, though high-speed data transfer may be limited when video is transmitted simultaneously .
 - Many extenders support hotkey switching, enabling you to switch between multiple computers from a single console without physically interacting with the switch .
- #### Practical Considerations
- Choose a KVM extender based on distance, resolution, and peripheral requirements.
 - For long-distance setups, CAT6 or IP-based extenders are recommended.
 - Ensure compatibility with your existing KVM switch if you plan to integrate multiple computers.
 - Some extenders include audio and RS-232 support, useful for professional AV or industrial applications .

Recommended Use Cases

- Data centers where servers are located far from the operator console.
- Industrial or lab environments requiring remote control of multiple PCs.
- Digital signage or AV setups where VGA video and USB control need to be extended across rooms or buildings. By selecting the appropriate VGA KVM extender, you can maintain high-quality video, reliable USB connectivity, and flexible control over multiple computers, even across significant distances .

Article Content

Amazon : KVM Extender

OREI KVM 4K HDMI Over Ethernet Extender Balun Over CAT6/7 Cable 4K@60Hz Upto 230 Feet - 2 USB 1.1 Ports, Supports

Related Video Reference

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