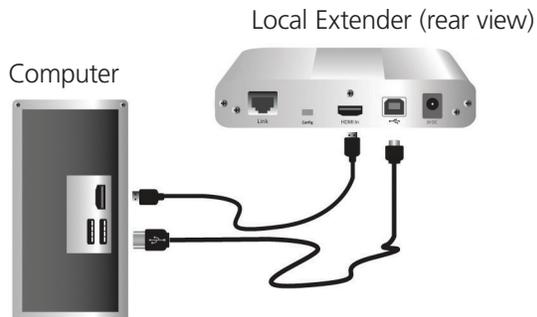
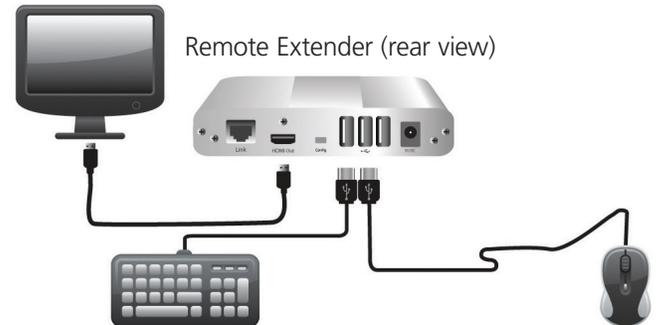


ServSwitch™ KVM Extender, HDMI and USB 2.0 over CATx

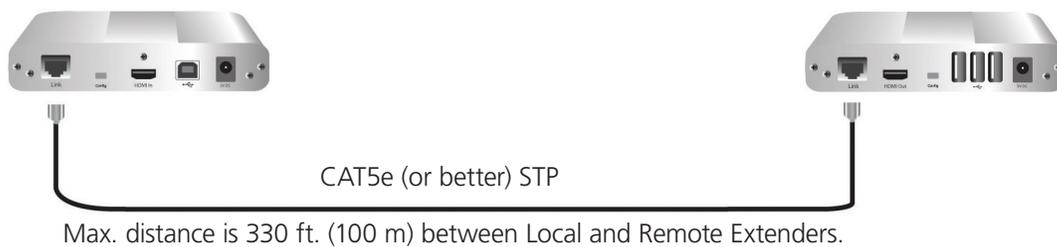
- 1** Using the included HDMI and USB cables, connect the Local Extender to a computer.



- 2** Connect the Remote Extender to a monitor or TV with an HDMI cable (not included). Connect your USB devices (e.g., keyboard and mouse) to the Remote Extender.



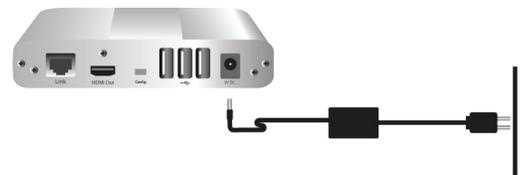
- 3** Directly connect the Local Extender to the Remote Extender with a CAT5e STP cable (not included). Solid-core CAT6 cable or better is recommended for best performance (refer to detailed cable information and the table on the back of this page).



- 4** Power the Local Extender with the included 5-VAC adapter.



- 5** Power the Remote Extender with the included 5-VAC adapter.



Compatibility and Recommended Setup

The ServSwitch™ KVM Extender is compatible with many graphics cards, operating systems, and monitors or TVs that support High Definition (HD) 1080p, 1920 x 1200, and 4K resolution. However, there is no guarantee that all USB devices are compatible with this product, because there are many different factors that may impact operation.

This KVM Extender complies with USB 1.1 and 2.0 specifications governing the design of USB devices. It supports USB 1.1 and low bandwidth USB 2.0 devices. Examples of these devices include: keyboards, mice, flash drives, microphones, printers, and USB 1.1 Web cameras. Contact Black Box Technical Support at 724-746-5500 or info@blackbox.com to determine if your USB 2.0 device(s) can be supported.

HDMI Cables

Use high-quality, undamaged HDMI cables with the extender. Low-quality or damaged cables may impact product performance and/or damage the units.

Link Cable

While solid-core CAT5e UTP is compatible with this KVM extender, solid-core CAT6 cable with CAT6 shielded RJ-45 connectors is recommended for best performance and extension distance. See Table 1, below.

Table 1. Cable type and maximum distance.

Cable Type	Maximum Distance	Notes
Solid-core CAT5e UTP	330 feet (100 m)	High susceptibility to electrical interference
Solid-core CAT5e STP		Moderate susceptibility to electrical interference
Solid-core CAT6 UTP		High susceptibility to electrical interference
Solid-core CAT6 STP		Recommended
Solid-core CAT7 STP		Recommended

Host Operating Systems

- Windows®
- Mac OS X®
- Linux®

USB Peripherals

- Keyboards
- Mice
- Mass storage devices
- Printers
- USB 1.1 Web cameras
- Microphones



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