

Digital KVM Extenders

478 Series

HD-KVM Extender

DVEX 3500 / 4500



DVI up to 1680x1050

USB 2.0

Bidirectional Analog Audio

Only One CATx Cable

Product Information

The DVEX Extenders lets you place a computer up to 1640ft (500m) away from the workstation area, connected with a single inexpensive Cat 5 (or better) cable. The system supports full remote HD video and USB, including control of the keyboard, mouse, webcam, flash drive, speakers, microphone and other USB devices, and features three USB ports on the remote extender. The DVEX Extenders support applications where the computer needs to be located remotely from the user. Applications include security, medical, digital signage and industrial environments where the computer can be located remotely to avoid harsh environments and to prevent unauthorized access. This solution improves data security along with increased work space by separating users from their PCs.

Product Features

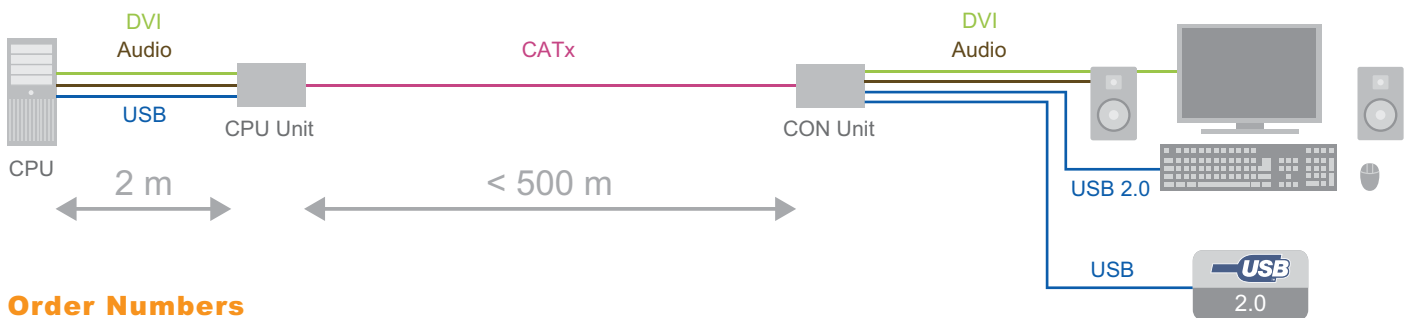
- Supports distances up to 1640ft (500m) using a single Cat 5 (or better) cable.
- HD Resolution at Distance: Up to 1680 x 1050 resolutions, 24-bit color depth
- Full USB 2.0 Support. Extends keyboard, mouse, web camera, flash drive, speakers, microphone, and other USB devices.
- Audio: Integrated two channel audio with microphone and headphone I/O.
- Installation Ease: Utilizes a single Cat 5 (or better) cable for desktop extension
- Space Saving: The computer can be located remotely from the desktop area
- Security: Servers, computers, software and any other sensitive hardware can be kept in a secure location where maintenance can be performed easily

Technical Data

Power Supply Information

For CON Unit	100-240VAC / 0,6 A / 50/60 Hz 24VDC
For CPU Unit	100-240VAC / 0,6 A / 50/60 Hz 5VDC
Maximum Resolution	DVI Single Link 1680x1050@60Hz/24-bit
Maximum Distance	500 m
Dimensions	175 x 112 x 30 mm

Functional Diagram



Order Numbers

! Please note that the devices are operated in pairs (one installed as the CPU Unit in conjunction with an appropriate console located CON Unit). Part numbers beginning with "K" contain both CPU and CON Unit for the operation and include all necessary cables and power supplies.

Product	Number of Monitors	Single/ Dual Link	Maximum Resolution	USB	AUDIO	Data Transfer	Part No.
DVEX 3500			1680x1050	2.0	Analog bi-directional		K478-1LTC
DVEX 4500			1680x1050	2.0	Analog bi-directional		CATx over network K478-1LTN

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