



- Supports DVI-D Input/Output
- Supports PS2 keyboard/mouse or
■ Supports USB keyboard/mouse
- Option: Dual-Head
- Audio/serial option available
- For distances of up to 10 km over fiber cables
- 19" rack mountable using 19" rack mount kit (RMK)

DVXi/ET

Fiber Series



DVI EXTENDER
ENHANCED TECHNOLOGY
FOR PS2 OR USB SUPPORT
USING FIBER CABLES

DVXi/ET

DVI Extender Enhanced Technology for PS2 or USB support Using Fiber Cables



PS2-Dual-Head



USB-Single-Head



USB-Single-Head/Audio

Input Interface	DVI-D (Single Link)
Output Interface	DVI-D (Single Link) – not HDCP compatible
Resolution	1920x1200@60Hz, resolution up to 1280x1024 min. 75Hz
Keyboard/Mouse	DVXi/ET-PM /-PS : PS2 DVXi/ET-UM /-US : USB - keyboard/mouse support only (HID)
Power Supply	Universal switch mode PSU (90-240V Input)
Dimensions	103 x 143 x 29 mm Single-Head 103 x 143 x 42 mm Dual-Head
Upgradable	Onboard Flash (19" rackmount kit and plates available)

DVXi – Digital KVM Extension with no loss in image quality

Use DVXi/ET to remotely locate you monitor, keyboard and mouse up to 10 km from the CPU. Digital extension technology ensures perfect image quality no matter how far you extend!

Why does it make sense to remotely locate a CPU?

- Protection computers against dust, water and vibration.
- Avoid theft and protect against unauthorized installation of software.
- Simplify maintenance, configuration and administration of multiple users computers by co-locating them
- Save costs by installing air conditioning and high-speed networking equipment in a central server room
- Cut out noise in the work place

DVXi Applications

- Financial (remote users and server control)
- Call Centers (co-locate users computers))
- Industrial (protection against pollution)
- Information Terminals & Kiosks
- Airports (air traffic control, passenger information systems)
- KVM extension where exceptional image quality is required

Perhaps you have a safety critical application, where the user is not allowed to access to the CPU directly.

DVXi/ET – The Future of KVM Extension

As flat panel displays are more and more common the use of DVI interfaces becomes even more important to gain the optimum in video transmission. DVXi/ET supports DVI extensions at highest resolutions of up to 1920x1200 to ensure the benefits of using DVI, even if your monitor is located up to 10 km away.

DVI, USB and more

DVXi extender support DVI graphic interfaces (DVI-D) and, depending on the device type either PS2 keyboard/mouse or USB keyboard /mouse (HID – Human Interface Device – such as touch screens, tableaux and other pointing or input devices).

Using a highly effective compression algorithm, the maximum data rate of a fiber transmission can be used optimally. Even at highest resolutions of 1920x1200, you will get a comfortable working and a smooth picture movement in videos. Comparing to other devices, the maximum transfer distance does not depend on the monitor resolution. Even at the highest resolution of 1920x1200 you can easily bridge 10 km.

The compact design allows close installation a in 19" rack cabinet. Up to 4 devices can be mounted in a 19"/1U rack mount kit. Even for desktop application the according mounting kit is available.

Dual-Access for DVI-D (all models), keyboard and mouse (PS2 models only) allows to remotely accessing a monitor, keyboard and mouse by directly connecting to the PC. This way you can have two (dependent) access points to your CPU. Or you have a remote access to your CPU and several CPUs are connected locally by using a console switch to a local admin.

Highlights

- Top image quality at all resolutions
- Video resolutions up to 1600x1200@60Hz (1280x1024@75Hz) on all distances up to the maximum distance
- User selectable: DDC information used from the remotely located monitor, from the locally located monitor or from an internal DDC table
- Basic device to remotely locate monitor and keyboard/mouse
- Supports (depending on device type) PS2-keyboard/mouse or USB (USB supports keyboard/mouse and all HID = Human Interface Device, such as touch screen, graphic tablets...
- Dual-Access: in addition to the remote access, a monitor (all models) and keyboard/mouse (PS2 models only) may be connected directly at the PC
- Option: Dual-Head for PS2 and USB: Support for two displays at the workplace – for dual port graphic cards
- Audio/serial option available
- Maximum screen resolution on all distances:
 - 200 m @ Multi-mode 62,5µ
 - 400 m @ Multi-mode 50µ
 - 10 km @ Single-mode 9µ
- Fibre-plug type: LC
- Compatible with all operating systems
- Compatible with all major KVM switches
- Rack mount options (19"): Mount up to 4 devices in a 19"/1U rack mount kit. This saves valuable rack space.