

- Supports DVI-D Input/Output
- Supports PS2-Keyboard/Mouse  
or
- Supports USB- Keyboard/Mouse
- Option: Dual-Head
- Audio/Serial Option available
- For Distances up to 10.000m  
over Fibre-Cables
- 19" Rack mountable using 19"  
Rack Mount Kit (RMK)

# DVXi/ET

## Fibre Series



**DVI EXTENDER  
ENHANCED TECHNOLOGY  
FOR PS2 OR USB SUPPORT  
USING FIBRE CABLES**

# DVXi/ET

## DVI Extender Enhanced-Technology for PS2 or USB support Using Fibre Cables



PS2-Dual-Head



USB-Single-Head



USB-Single-Head/Audio

Input Interface	DVI-D (SingleLink)
Output Interface	DVI-D (SingleLink) – 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 Switchmode 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 10.000m 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

With Flat panel displays becoming more prevalent it is natural to drive them digitally through their DVI interface to obtain optimum image quality. DVXi/ET supports DVI extension up to resolutions of 1920x1200 to ensure the benefits of using DVI are maintained even if you locate your monitor 10.000m away.!

#### DVI, USB and more

DVXi- Extender supports DVI graphic interfaces (DVI-D) and, depending on device type either PS2- keyboard/mouse or USB-keyboard/mouse (HDI – Human Device Interface – in this class of devices you can also find Touch screen, Tableaus and other pointing or input devices)

Using a highly effective Compression algorithm, the maximum data rate of the fibre transfer is used best. Even on highest resolutions (1920x1200) you'll get a comfortable working and a smooth picture movement on videos. Comparing to other devices, the maximum transfer distance does not depend on the screen resolution! Even in the highest resolution of 1920x1200 you can easily bridge 10.000m.

The high-density design allows dense packing in 19"server racks. Up to 4 devices can be mounted into 19"/1U. Even, using it for a desktop application, it is very attractive!

Dual-Access for VGA (all models), keyboard and mouse (PS2 models only): in addition to the remote access, a Monitor, (keyboard and mouse) may be connected directly at the PC. So you can have two (dependent) access points to your CPU. Or you have a remote access to your CPU and several CPU's are connected locally through a Console Switch to a local Admin Operator Place

### Highlights

- Top Image Quality at all Resolutions
- Video Resolutions up to 1600 x 1200 @ 60Hz (1280 x 1024 @ 75Hz) on all distances up to the maximum distance
- User selectable: DCC-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 devices like 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:
  - 200m @ Multimode 62,5µ
  - 400m @ Multimode 50µ
  - 10.000m @ Singlemode 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 expensive rack space.