

- Supports DVI-D Input/Output
- Resolution 1920x1200@60Hz
24 or 16Bit color depth
- Audio/serial Option available
- For Distances up to 140m
over CATx-Cables
- 19" Rack mountable using 19"
Rack Mount Kit (RMK)

DVXi/ME

CATx Series



DVI EXTENDER
MEDIA EXTENDER
USING CATX CABLES

DVXi/ME

DVI Extender media-extender for CATx Cables



DVI Interface



Audio In/Out



Serial/RS232

Input Interface	DVI-D (SingleLink)
Output Interface	DVI-D (SingleLink) – not HDCP compatible
Resolution	1920x1200@60Hz, Resolution up to 1280x1024 min. 75Hz
Audio (option)	Bi-directional stereo audio link, digital transmission
serial (option)	Fully transparent with hardware handshake up to 38,4KBAUD
Power Supply	Universal Switchmode PSU (90-240V Input)
Dimensions	103 x 143 x 29 mm (19" Rackmount Kit and brackets available)
Upgradable	Onboard Flash (19" rack brackets available)

DVXi/ME – Media Extension with no loss in image quality

Use DVXi/ME to remotely locate you monitor, up to 140m 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 computes 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

DVXi/ME – The Future of Media 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/ME supports DVI extension up to resolutions of 1920x1200 (/ET device) to ensure the benefits of using DVI are maintained even if you locate your monitor 140m away.!

DVI, USB and more

DVXi- Extender supports DVI-D graphic interfaces.

Using a highly effective Compression algorithm, the maximum data rate of the CATx transfer is used best. Even on highest resolutions (1920x1200) you'll get 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 140m.

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 Video (all models): in addition to the remote access, a monitor may be connected directly at the local extender. So you can access to your PC locally from the local extender

Highlights

- *Top Image Quality at all Resolutions*
- *Video Resolution:*
 - 1920x1200@60Hz
- *Color resolution*
 - Fixed 24bit or automatically switching between 16Bit (64K colors) and 24Bit (16M colors)
- *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*
- *Dual-Access: in addition to the remote monitor, a Monitor (all models) may be connected directly at the PC*
- *Audio/serial Option available*
- *Maximum distances:*
 - 140 m w/ regular Cat5 Cable
- *Compatible with all operating systems*
- *Rack Mount options (19"): Mount up to 4 devices in a 19"/1U rack mount kit. This saves expensive rack space.*