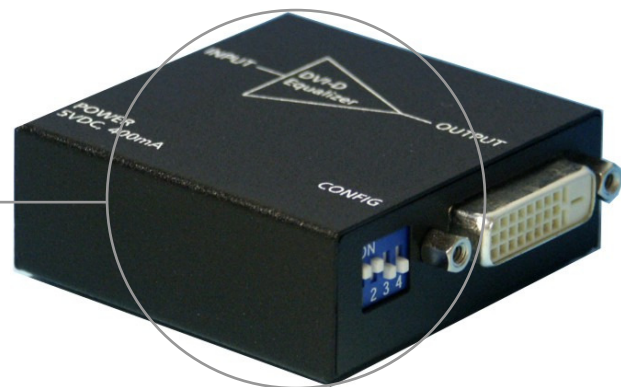




INDUSTRIAL HARD- AND SOFTWARE DEVELOPMENT

- **Equalizer for DVI-Monitor Signals**
- **Distances up to 40 m (35m + 5m)**
- **Available as Single- and Duallink**
- **Resolutions up to 1920x1200 (Singlelink) and up to 2560x2048 (Duallink)**



DVI EQUALIZER
Equalizer for DVI Monitor Signals



DVI EQUALIZER

Equalizer für DVI Monitor Signale

| | |
|------------------|--|
| Video Interface | DVI |
| Resolution | 1920 x 1200 bei 60 Hz (Singlelink) 2560 x 2048 bei 60 Hz (Duallink) |
| Power Supply | international power supply unit 90V...230VAC/5VDC-2A (Duallink only) |
| Dimension | 67 x 57 x 23mm |
| Connecting Cable | DVI-High Quality Cable |
| Distances | up to 40 m (35m from Graphic source to the DVI-Equalizer and 5m from DVI-Equalizer to the Monitor) |

Where makes the DVI-Equalizer live easier?

Use DVI-Equalizer to remotely locate you monitor, up to 40m from the CPU (keyboard and mouse). 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
- Air-Conditioned rooms for the PC's enable a constant performance and a longer life cycle
- Cut out noise in the work place

DVI-Equalizer Applications

- Industrial
- Information Terminals & Kiosks
- Airports (air traffic control, passenger information systems)
- Food Industry (slaughterhouses...)

DVI-Equalizer – The Future of DVI Extension

With Flat panel displays becoming more prevalent it is natural to drive them digitally through their DVI interface to obtain optimum image quality. Due to this reason more and more PC'S with DVI-Standard are coming into the market.

DVi Equalizer

The DVI Equalizer allows to install a monitor up to 40m (35m + 5m) away from the graphic source. The signals deformed by the cable are equalized allowing a optimum display on all DVI monitors. The distance is divided in a maximum of 35m between graphic source and Equalizer and a maximum of 5m between Equalizer and monitor. Using distances with more than 10m we recommend the use of cables with exceptional low absorbability. The Singlelink Equalizer normally needs no external power supply unit (power is supplied by the monitor via the DVI-Interface). If the power supplied by the monitor is not sufficient a separate p.s.u. is available.

Attention

A daisy chain of several Equalizers is **not** possible.

Highlights

- *Perfect Image Quality at all Resolutions by supporting the latest DVI video interfaces (future-proof of your investment)*
- **Singlelink:** Resolutions up to 1920x1200 supplied. At resolutions lower than 1600x1200 (<165MHz Pixelclock) it is possible to bridge also greater distances.
- **Duallink:** Resolutions up to 2560x2048 supplied. At resolutions lower than 2560x2048 (<165MHz Pixelclock) it is possible to bridge also greater distances.
- *Color depth 24 Bit*
- *Distances: 35m between graphik source and Equalizer and 5m between Equalizer and Monitor*
- *DVI-D for the monitor transmission*
- *DDC information transparent, i.e. HDCP compatible*
- *Power supply for the Duallink Equalizer is included in delivery. For Singlelink Equalizer p.s.u. is optionally available.*