- **Supported standard input: VGA**
- **Depending on type also: RGB, CGA, MDA, EGA, S-Video, Composite-/Component-Video, SDI and HD-SDI (720p) input**
- **Supported output: DVI-D**
- **Output resolutions up to 1920x1200@60Hz**
- **More than 160 presets for common video standards**
- **On-Screen-Display (OSD) incl. IR remote control for customization to non-standard graphic and video sources**

Media/DVI

Converter

MEDIA/DVI CONVERTER - CONNECT SOURCES FROM THE PAST WITH MONITORS FROM TODAY

Media/DVI
CONVERTER

Input Interface	Supports VGA, RGB, CGA, MDA, EGA, S-Video, Composite-/ Component-Video, SDI and HD-SDI (720p)
Output Interface	DVI-D
Output Resolution	Up to 1920x1200@60Hz
Power Supply	International power supply (100-240V Input)
Dimensions	103 x 143 x 29 mm desktop device (only VGA/DVI) 103 x 143 x 43 mm desktop device
Upgradable	19” Rackmount Kit and brackets available

Connect obsolete sources To modern displays

Media/DVI Converter

Many customers, especially industrial operators still use monitors with inputs for older graphic or video signals, such as VGA, RGB or EGA/MDA/CGA interfaces as graphic signals or S-Video, Composite- /Component-Video and SDI as video signals, as they are typed out by DVD players, video and surveillance cameras for example.

Nowadays, displays for such a kind of sources are quite hard to get – especially if the customer wants to get the benefits of a modern monitor with a DVI input, there is a need to convert the signals of older graphic or video standards in modern interface signals.

Exactly this is the function of the Media/DVI converter that is prepared optimally by a multiplicity of different input possibilities.

Why is it not possible to connect a DVI monitor to any graphic or video sources?

A monitor designed for DVI is normally not able to understand the signals of older graphic and video standards.

To display the video data on a modern DVI monitor, the Media/DVI converter digitises the incoming signals, stores them in an internal video memory and displays them from there in a common resolution.

The picture can be displayed in original size or formal filling.

The converter is equipped with various automatic and manual video correction tools in an on screen display (OSD).

Usage of DVI monitors

Compared to a usage of CRT monitors, the use of older graphic and video standards is considerably more difficult with the use of DVI monitors: They have to receive the incoming video signal in a digital form to display the result. In order to do that, the exact number of pixels per line and the location of the sampling instance within the pixels (phase) have to be communicated to the monitor.

How does the Media/DVI converter solve these problems?

The device converts the different signals of a graphic or video source in a format that can be displayed on a modern DVI monitor.

The converter digitises the incoming signals and stores them in an internal video memory. From there they are displayed in a compatible, user selectable format. Before displaying, the picture can be adapted to screen size: 1:1 in a black box or fully fitted to the screen size.

Because of accepting DVI-D signals on the input side, you can use the device also to scale this type of signals.

More than 160 video formats are pre-installed in the device's internal table. Non-standard and unsupported video modes can be adjusted by the customer by using the on screen display (OSD).

Highlights

- *Brilliant video quality at all resolutions*
- *Supported Output: DVI*
- *Supported Input: VGA, RGB, CGA, MDA, EGA, S-Video, Composite- / Component-Video and HD-SDI (720p)*
- *Output resolutions: Up to 1920x1200@60Hz for the use with modern DVI monitors*
- *Video can be adapted before it is displayed to monitor (scaling). Therefore the Media/DVI converter works as a scaler.*
- *More than 160 video formats are preinstalled in the internal table. An unknown video mode can be adjusted by the user at any time.*
- *The Media/DVI converter can be setup by an on screen display (OSD) that can be controlled comfortably by an infrared remote control.*
- *Integrating possibilities in switch boards by using mounting plates and in 19" boards by using rack mount kits. Mount up to 4 devices in 19"/1U – efficient use of valuable rack space.*
- *Possibility of switching between simultaneously applied input signals.*

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