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- Supports DVI-D Input
- Supports VGA Output
- Output resolution up to 1920x1080
- Preset of more than 20 common VGA standards (including HDTV)

DVI/VGA

Converter



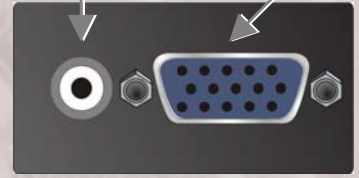
DVI TO VGA CONVERTER
CONNECT **MODERN** SOURCES TO
VGA DISPLAYS & SWITCHES.

Connect to DVI-D
Graphic Source



Connect to
5V Power Supply

Connect to
VGA Monitor



DVI/VGA CONVERTER

Input Interface	DVI-D
Output Interface	VGA
Output Resolution	640x480/60Hz to 1920x1080/60Hz For details, cf. table below
Scaling Modes	1:1 – original size
Power Supply	Universal Switch mode PSU (90-240V Input)
Dimensions	51 x 73 x 25 mm desktop device
Interconnection Cable	CPU cable (1.8m) w/ DVI-D single link male connectors

Connect modern sources to traditional switches and displays.

DVI to VGA Converter

This DVI to VGA Converter is mainly designed to connect DVI-KVM Extenders local outputs to traditional VGA KVM-Switches.

Additionally they may be used to convert DVI signals of a graphic card, to be displayed on a VGA monitor – especially on older, expensive beamers etc. Due to the strange behavior of some display drivers, it cannot be guaranteed that the device will work (on first attempt, without modifications) on every graphic card.

For further information on this, please contact our 'Technical Support'.

Supported Resolutions

The Converter can handle all known DVI resolutions up to 1920x1080. For your convenience, a selection of the most common resolutions has been pre-stored in the DDC (EDID) table. If the converter does not show any picture on the VGA output, it may depend on a missing resolution in the table or a mal programmed driver that is not able to use any other than the preferred resolution. In this case, please contact our Technical Support to program a user defined DDC-table.

Please Note

The Converter cannot handle DVI resolutions of 1920x1200 due to the absence of the 'Black Shoulder' in the display signal. VGA monitors cannot detect the synchronization signals, if there is no black shoulder.

Standard Timings

640x480/60Hz
640x480/67Hz
640x480/72Hz
640x480/75Hz

720x400/70Hz
720x400/88Hz

800x600/56Hz
800x600/60Hz
800x600/72Hz
800x600/75Hz

832x624/75Hz

1024x768/60Hz
1024x768/60Hz
1024x768/70Hz
1024x768/75Hz

1152x870/75Hz

1280x720/60Hz
1280x960/60Hz
1280x1024/60Hz
1280x1024/75Hz

1360x765/60Hz

1400x1050/60Hz

1600x900/60Hz
1600x1200/60Hz

1680x1050/60Hz

1920x1080/60Hz

For further resolutions, please contact our 'Technical Support'.

Highlights

- Supports wide range of monitor resolutions
- More than 20 common VGA standards are preinstalled in the internal table. Unknown video modes can be setup with hotline support



Detailed Timings

(Preferred)
1024x768 at 60Hz
fh = 48kHz, fd = 65MHz

(alternative)
1600x1200 at 60Hz
fh = 75kHz, fd = 162MHz

Timing Characteristics

VESA GTF support	Not supported
Horizontal scan range	22-95kHz
Vertical scan range	48-90Hz
Video bandwidth	170MHz