



Fanless, small form factor,  
VGA to DVI-D

## ADDER DVA

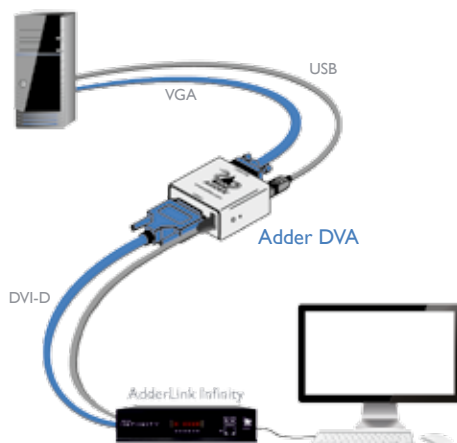
VGA to DVI-D, USB powered, video converter



### PRODUCT IN BRIEF

ADDER DVA is a high performance VGA to DVI-D video converter that transforms analog signals to digital. Placed in-line and USB powered this solution fits well with the AdderLink Infinity range of products. It converts VGA signals, up to 1920 x 1200 @ 60Hz, into a DVI standard equivalent.

- Analog to digital video conversion up to 1920 x 1200 (165MHz max. pixel frequency)
- EDID management to ensure clean operation
- Adjustment control for alignment, tone, sharpness and brightness
- USB powered with USB feed through
- Plug and play – no drivers required



### FEATURES

**High quality VGA to DVI-D conversion**  
Adder DVA is a high quality VGA to DVI-D converter supporting most resolutions up to 1920 x 1200 @ 60Hz.

**Auto calibration**  
Adder DVA auto calibrates for horizontal and vertical position. Manual adjustment is also available through the Virtual Control Panel (VCP) app, if required.

**EDID management**  
EDID management is a critical element in VGA/DVI-D conversion, to ensure the correct settings are passed to the computer's graphics card.

**USB powered with pass through**  
Adder DVA requires no separate power adapter and instead draws less than 300mA in operation from a spare USB port on the computer. A USB pass-through port is made available on the Adder DVA to allow a low-powered USB device to be connected; thus, the same total number of USB ports remain available for other uses.

**Flash upgradeable**  
Adder DVA is flash upgradeable, allowing custom EDID adjustment for non-standard operations. Upgrades are achieved via the USB port.

### Virtual control panel app over DDC-CI

Adder DVA is supplied with a Virtual Control Panel (VCP) app which allows brightness, tone and sharpness to be adjusted. Vertical and horizontal video alignment can also be adjusted, where necessary. The VCP app contains a test pattern to accurately display the changes. EDID management options can also be changed and the EDID's of the monitors can be displayed.



Pictured above:  
Adder DVA calibration software as part of the Virtual Control App

# ADDER DVA

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## ABOUT ADDER

Adder is a leading developer and thought leader in connectivity solutions. Adder's advanced range of high performance KVM switches, extenders and IP solutions enable the control of local, remote and global IT systems across the enterprise. The company distributes its products in more than 60 countries through a network of distributors, resellers and OEMs. Adder has offices in the United States, United Kingdom, Germany, the Netherlands, Sweden, China and Singapore.

To find out more, visit:  
<http://www.adder.com>

## RELATED PRODUCTS

Adder offer a vast range of products to suit your needs. Other products you may find useful are:

XDI50



X-DVIPRO



AdderLink Infinity  
Dual 2020



AdderLink Infinity  
Dual



## TECHNICAL SPECIFICATIONS

### Hardware compatibility

All computers with VGA output

### VGA input

The system supports resolutions to a maximum of 1920 x 1200 @ 60Hz with pixel frequencies up to 165MHz

### DVI Output

Conforms to the DVI 1.0 standard. Resolutions supported to a maximum of 1920 x 1200 @ 60Hz with pixel frequencies up to 165MHz

### Software compatibility for VCP app

Windows 7 and above with .NET v3.5

### Computer connections

VGA DB15 x 1, USB type B x 1

### Peripheral connections

DVI-D x 1, USB type A x 1

### Physical design

Compact case, robust metal construction. 55mm/2.16" (w), 25mm/1.0" (h), 70mm/2.75" (d), 0.1kg/0.2lbs.

### Power

USB powered – less than 300mA (1.5W)

### Operating temperature

0 to 40°C / 32 to 104°F

### Approvals

CE, FCC

## ORDERING INFORMATION

Adder DVA: VGA to DVI-D converter

## WHAT'S IN THE BOX

1 x Adder DVA module  
1 x 41cm VGA cable (male to male)  
1 x 45cm USB A to B cable



Pictured above:  
Adder DVA with VGA and USB attached

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## ADDER TECHNOLOGY

Head Office  
Tel: +44 (0)1954 780044 Fax: +44 (0)1954 780081  
email: [sales@adder.com](mailto:sales@adder.com) [www.adder.com](http://www.adder.com)

## ADDER CORPORATION

USA and Canada  
Tel: +1 888 932 3337 Fax: +1 888 275 1117  
email: [usasales@adder.com](mailto:usasales@adder.com) [www.adder.com](http://www.adder.com)

## ADDER ASIA

Asia Pacific  
Tel: +65 6288 5767 Fax: +65 6284 1150  
email: [asiasales@adder.com](mailto:asiasales@adder.com) [www.adder.com](http://www.adder.com)



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