

MALE TO VGA FEMALE DISPLAY PORT ADAPTOR

The ADDPMVGAF is a display port to VGA signal format converter for interfacing next generation display port based PC and notebook computers with conventional VGA displays, such as CRT, LCD monitors, and projectors.

The display port offers a unified, scalable and cost effective interface for embedded and external display applications. The interface is primarily used to connect a video source to a display device such as a computer monitor, though it can also be used to transmit audio, USB, and other forms of data. Backward compatibility to VGA and DVI by using adapter dongles enables consumers to use display port fitted video sources without replacing existing display devices.

A VGA connector is a three-row 15-pin connector. The 15-pin VGA connector is found on many video cards, computer monitors, and some high definition television sets. (On laptop computers or other small devices, a mini-VGA port is sometimes used in place of the full-sized VGA connector.)

As desktop and notebook PCs are increasingly transitioning from conventional analog type interfaces to display port, the converter facilitates the transition by offering seamless connectivity between new display port PC and notebooks and the installed base VGA monitors and projectors.

It offers solutions for digital entertainment centre, projector factory, noisy space and security concerns, conference room presentation, school and corporate training environments.



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HADDPMVGAF**

ADAPTOR DISPLAY PORT MALE TO VGA FEMALE

Features and Benefits

- Display port 1.1a compliant receiver offering 5.4 Gbps bandwidth over 2 lanes
- Integrate triple 10-bit, 162Mhz video DAC for analog VGA signal output
- VGA output pixel rate up to 240Mhz
- Supports up to 1080p, 1920 x 1200 reduced blanking video resolution
- Supports automatic monitor plug and unplug detect for VGA output
- EDID pass-through from PC source to display
- Supports ultra-fast video image recovery
- Spread Spectrum (de-spreading) for EMI reduction
- Automatic sink detection
- Low power standby mode operation initiated based on sink detection status
- Power from Display port source
- 3.3V power supplies for IO, 1.2V for IC core and 5V output pin available for VGA interface
- Low power operation – Active 400mW, standby mode 15mW

Package Contents

1. Main adaptor unit
2. User manual

Specifications

Part No.	ADDPMVGAF	
Signal Inputs/Output	Maximum Single Link Range	1920 x 1200, 1080p
Video Format Supported	VGA	Max to 1920 x 1200
Operating Frequency	Vertical Frequency Range	50/60Hz
	Video Amplifier Bandwidth	162Mhz
Mechanical	Size (L x W x H)	65 x 35 x 17mm
	Weight (Net)	28g
Environmental	Operating Temperature	0°C to +70°C
	Operating Humidity	10% to 85% RH (no condensation)
	Storage Temperature	-10°C to +80°C
	External Power requirement	No