

RoHS
Compliant



Description

The Mini DisplayPort to VGA signal format converter seamlessly connect next generation DisplayPort based MacBook, MacBook Pro, or MacBook Air with a Mini DisplayPort to conventional VGA displays, such as CRT, LCD monitors and projectors. Mini DisplayPort offers a unified, scalable, and cost effective interface for embedded and external display applications. It not only has an elegant appearance with the white colour but also brings much convenience with its small size.

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

Features

- Compliant with VESA Mini DisplayPort™ 1.2 Standard with 1.1a backward compatibility.
- Compliant with VESA e Mini DP v1.3 Standard.
- 2 lane high speed differential input with configurable speed: 2.7Gbps or 1.62Gbps.
- Down spread Spectrum (SSC) support.
- Support resolution with pixel rate up to 180MHz
- Supports resolutions up to WQXGA(1920x1200@60HZ, reduced blanking, 24bpp)
- VGA output meets VESA VSIS v1r2 clock jitter specification
- Low power standby mode with automatic monitor plug and unplug detect.
- DDC Speed control for use with longer VGA cables.
- EDID pass-through from PC source to display
- Spread Spectrum (de-spreading) for EMI reduction
- Low power operation – Active 485mW, standby mode 12mW

Specifications

Signal Inputs/Output	
Max. Single Link Range	1920×1200, 1080P
Video format supported	
VGA	Max to 1920 × 1200
Operating Frequency	
Vertical Frequency Range	50/60Hz
Video Amplifier Bandwidth	180MHz
Mechanical	
Weight (Net)	28g
Environmental	
Operating Temperature	0°C to +45°C
Operating Humidity	10% to 85 % RH (no condensation)

Mini DisplayPort1.2 to VGA Converter



Storage Temperature	-10°C to +80°C
Storage Humidity	5% to 90 % RH (no condensation)
Power Requirement	
External Power Supply	No
Warranty	
Limited Warranty	12 Months
Accessories Adapter	
User Manual	English

Connection and Operation

- 1) Connect the Mini DisplayPort male to Mini DisplayPort source device
- 2) Connect the VGA female to display by VGA M/M cable

Part Number Table

Description	Part Number
Mini DisplayPort1.2 to VGA Converter, White	PSG91094

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