

RoHS  
Compliant



## Description

This kind of HDMI to VGA with pigtail converts digital HDMI signal into analog VGA video. It allows you to enjoy their high definition image when you watch movies or play games on traditional VGA monitors or projectors. Besides, it doesn't need to be supplied extra power adapter.

## Features

- Easy to Use: Install in seconds, no need of setting.
- Conversion: It can convert complete HDMI into VGA video.
- Supports 165MHz/1.65Gbps per channel (6.75Gbps all channel) bandwidth for HDMI Input.
- Supports Analogue Video output up to UXGA and 1080p with 10-bit DAC.

## Specifications

Signal Inputs/Output	
Input Video Signal	0.5-1.0 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Input connection	HDMI A male(19pin)
Output connection	VGA
HDMI video input format	480p/576p/720p/1080p
VGA video output format	480p/576p/720p/1080p
Operating Frequency	
Vertical Frequency Range	50/60Hz
Input Video Amplifier Bandwidth	1.65Gbps/165MHz
Mechanical	
Shell Size (W×H×D)	38mm×8mm×460mm
HDMI Line length	100 ±10mm
Weight(Net)	0.037 ±0.001kg
Environmental	
Operating Temperature	0°C to +70°C
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-10°C to +80°C
Storage Humidity	5% to 90 % RH (no condensation)
Power Requirement	
External Power Supply	No
Power consumption (Max)	2W

<b>Warranty</b>	
Limited Warranty	12 Months
<b>Regulatory Approvals</b>	
Converter Unit	FCC, CE
<b>Accessories Adapter</b>	
AC Power Adapter	US standard, UK standard and so on
User Manual	English Version

## Connection and Operation

- 1) Connect the HDMI input of this product to HDMI source.
- 2) Connect the VGA output of this product to display with VGA input.
- 3) Power on all connected devices.

Note: HDMI to VGA conversion may existing the following compatibility problems

1. If the VGA port of Display doesn't support Refresh Rate at 50HZ, the connected Display will have no image when the HDMI Source setting at 50 Hz.
2. If the VGA port of Display does not support resolution at 720p, 1080i and 1080p, the connected Display will have no image when the HDMI Source setting at 720p, 1080i and 1080p.
3. If the VGA Display connected does not support interlaced resolution, it will have no image when the HDMI Source setting at 1080i, 480i or 567i.
4. If the HDMI output of source device can not supply 5V/500mA power, the connected Display might have no image or image with snow or image color distortion, particularly for 1080P.

## Panel Descriptions



- 1) VGA output port  
Connect this port to VGA display
- 2) HDMI input port  
Connect this port to HDMI source, such as DVD, Blu-Ray DVD, PS3, x360 Box, etc.

## Part Number Table

Description	Part Number
HDMI to VGA with Pigtail, Black	PSG03770

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. pro-SIGNAL is the registered trademark of Premier Farnell Limited 2019.