



RoHS  
Compliant

## Description

This Adapter fully converts HDMI signal into standard DisplayPort signal. It perfectly connects different source devices to DisplayPort Displays by using the provided conversion cables.

## Features

- Support HDMI: Link rate up to 2.97 Gbps/data pair  
Colour depth up to 48 bits  
3D video timings
- Support DisplayPort: DP++
  - Compliant with DP 1.2a and lower versions
  - Link rate HBR2/HBR/RBR
  - AUX CH 1 Mbps
  - Supports eDP operation
  - HDMI / DVI operation with level translator
  - Max resolution up to 4Kx2K@30Hz
- Supports Video Convert: RGB/YCC (4:4:4) – 16-bit colour  
YCC (4:2:2) – 16-bit colour  
Colour space conversion – YUV to RGB and RGB to YUV
- Supports Video Resolution up to 4Kx2K@30Hz
- Supports Audio: 7.1 Ch up to 192 kHz sample rate

## Specifications

Input/Output Connector	
Input	HDMI Female x1
Output	DisplayPort Female x1
Max. Resolution	
HDMI	4096x2160@30Hz, 3840x2160@30Hz
DisplayPort	4096x2160@30Hz, 3840x2160@30Hz
Environmental	
Operating Temperature	0°C to +45°C
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-10°C to +70°C
Storage Humidity	5% to 90 % RH (no condensation)

# HDMI to DisplayPort 1.2 Converter

pro-SIGNAL

Power Requirement	
Power Consumption (Max)	2.5W (5V/500mA)
Power Supply	5W (5V/1A)
Warranty	
Limited Warranty	12 Months
Accessory	
User Manual	English Version

## Operation

- 1) Connect the input port to an HDMI source via an HDMI cable
- 2) Connect the output port to a DP display via a DP Cable

## Part Number Table

Description	Part Number
HDMI to DisplayPort 1.2 Converter	PSG3238

**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.

Newark.com/exclusive-brands  
Farnell.com/exclusive-brands  
Element14.com/exclusive-brands

pro-SIGNAL