

# DisplayPort to HDMI Cable Adapter with Audio 15CM W/IC

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## Description

This is a DisplayPort to HDMI Cable Adapter for interfacing next generation DisplayPort based PC and notebook computers with high definition displays. DisplayPort offers a unified, scalable, and cost effective interface for embedded and external display applications. As desktop and notebook PCs are increasingly transitioning from conventional analog type interfaces to DisplayPort, the converter facilitates the transition by offering seamless connectivity between new DisplayPort PC and the installed base HDMI monitors and projectors.

It offers solutions for digital entertainment centre, HDTV retail and show site, HDTV, STB, DVD and Projector factory, noise space and security concerns, data centre control, information distribution, conference room presentation, school and corporate training environments.

## Features

- Support DisplayPort 1.1a input and HDMI output.
- Support HDMI highest video resolution 1080p.
- Support HDMI 225MHz/2.25Gbps per channel (6.75Gbps all channel) bandwidth.
- Support HDMI 12bit per channel (36bit all channel) deep colour.
- Supports uncompressed audio such as LPCM.
- Powered from DisplayPort source

## Specifications

Signal Inputs/Output	
Input Video Signal	5 Volts p-p (TTL)
Maximum Single Link Range	1920x1080P
Output Video	HDMI
Input/Output Connector	Input: DisplayPort Male 20pin Output: HDMI Female Type A 19pin
Operating Frequency	
Vertical Frequency Range	50/60Hz
Input Video Amplifier Bandwidth	2.25Gbps/225MHz
Resolutions(HDTV)	
Interlaced(50&60Hz)	480i,576i,1080i
Progressive(50&60Hz)	480p,576p,720p,1080p
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)

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<b>Power Requirement</b>	
External Power Supply	No external power needed
Power consumption (Max)	3 watts
<b>Warranty</b>	
Limited Warranty	12 Months
<b>Regulatory Approvals</b>	
Converter Unit	FCC, CE, UL
Power Supply	UL, CE, FCC
<b>Accessories Adapter</b>	
User Manual	English Version

## Connection and Operation

- 1) Connect the DisplayPort male to DisplayPort source device
  - 2) Connect the HDMI female to display by HDMI M/M cable.
- If you use DisplayPort F/F coupler, please use special DisplayPort cable with 20th pin connected

## Part Number Table

Description	Part Number
DispalyPort to HDMI Cable Adapter with Audio 15CM W/IC	PSG08062

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