

## Active Mini DisplayPort to HDMI Adapter with 4K Support

GMDPHD4KA



- Active Mini DisplayPort to HDMI Video and Audio Adapter
- Supports 4K Ultra High Definition (UHD) resolutions of up to 3840x2160
- Supports up to 8 Channels of LPCM and High Bit Rate (HBR) audio formats
- Compatible with AMD® Radeon™ Eyefinity Graphics Processing Units (GPUs)
- DisplayPort 1.2 and HDMI 1.4 Compliant
- Supports DisplayPort Content Protection (DPCP) and High Definition Content Protection Compliant (HDCP)
- Plug-N-Play Solution, No Software or Driver installation necessary
- Powered by Mini DisplayPort Output- No external power adapter needed

### Active Mini DisplayPort® to HDMI® Video and Audio Adapter

IOGEAR's Active Mini DisplayPort to HDMI Adapter is the ideal hardware solution to convert any Mini DisplayPort or Thunderbolt® output to an HDMI output. This allows you to connect your Mini DisplayPort or Thunderbolt equipped video source (i.e. Apple MacBook Air®, MacBook Pro®, Mac Pro®, iMac®, Microsoft® Surface®, Computer, Laptop or Mini DisplayPort Graphics Card) to a HDMI based display, projector or HDTV.

### DisplayPort 1.2 and 4K Ultra High Definition (UHD) Video Resolution Support

The GMDPHD4KA Active Mini DisplayPort to HDMI supports the latest DisplayPort 1.2 standard for UHD (Ultra HD) video playback, with resolutions of up to 3840 x 2160. This results in the highest level of visual fidelity currently available on the consumer market, giving you the ability to display 4K content from your Mini DisplayPort equipped device on the latest UHD televisions, projectors and displays.

### High Definition, Multi-Channel Audio pass-through

Many current Mini-DisplayPort devices support audio via the Mini-DisplayPort output. The GMDPHD4KA Active Mini DisplayPort to HDMI adapter supports multi-channel digital audio signal pass-through, preventing the need to carry an additional audio cable when connecting to an external display with audio playback support.

### Active vs. Passive Adapter: Which one do I need?

A passive adapter is the most basic type of Mini DisplayPort to HDMI adapter that is available. A passive Mini DisplayPort video adapter allows the Graphics Processing Unit (GPU) to communicate with any HDMI monitor that does not support the Mini DisplayPort video output on the computer.

In contrast, IOGEAR's Active Mini DisplayPort to HDMI adapter will actively convert the display's HDMI signal into a Mini DisplayPort signal for your GPU to interpret. These active adapters are required when connecting more than 2 displays to a video card such as an AMD Radeon™ GPU that supports Eyefinity technology. The native Mini DisplayPort signals are able to be recognized and controlled by the GPU, ensuring all the connected monitors are synchronized.

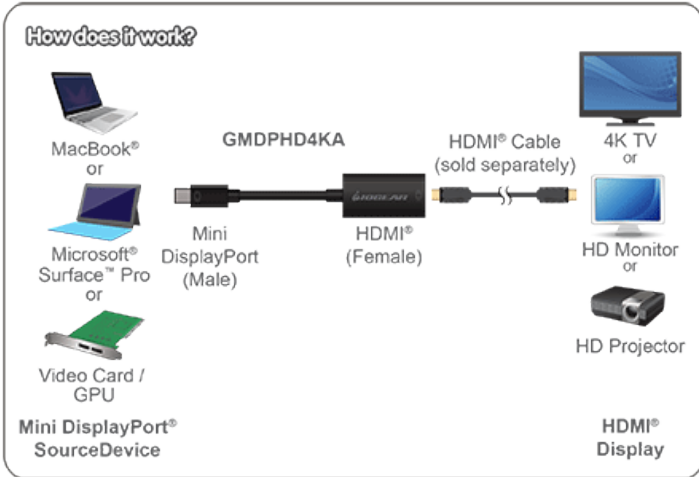
### Easy Set Up, Plug-N-Play Solution

IOGEAR's Active Mini DisplayPort to HDMI adapter features an extremely easy to use, plug-n-play design and requires no external power, software or drivers to be installed. Simply connect the adapter to the Mini DisplayPort or Thunderbolt video out on your PC/Mac and connect an HDMI cable to your monitor and you are ready to go.

### Flexibility through Connectivity

IOGEAR offers a wide selection of <http://www.iogear.com/solutions/av/?view=1079> and <http://www.iogear.com/solutions/av/?view=1079>, providing cost-effective solutions to integrate the latest technology into your existing equipment setup.

# Active Mini DisplayPort to HDMI Adapter with 4K Support



## Product Requirements

- Input
- 1 x Mini Display Port Source
- Output
- 1 x Projector or Display with HDMI Port

## Package Contents

- 1 x Active Mini Display Port to HDMI Adapter

## Specifications

Function	GMDPHD4KA	Dimensions	GMDPHD4KA
Operating Temperature	32~158°F (0~70°C)	Unit Dimensions	
Storage Temperature	14~176°F (-10~80°C)	Height	0.875" (2.2cm)
Connectors		Depth	0.5" (1.3cm)
Video Input	Mini DisplayPort Male 20 Pin	Length	6.8" (17.3cm)
Video Output	HDMI Female Type A 19 Pin	Inner Pack	
Video Resolution	Up to 3840 x 2160	Width	8.7" (22cm)
Power Consumption	1W	Height	9.45" (24cm)
Humidity	Operating: 10-85% RH (Non Condensing), Storage: 5-90% RH (Non Condensing)	Depth	4.3" (11cm)
Cable Length	3.5" (8.9cm)	Inner Pack Qty.	12
		Unit Package Dimensions	
		Width	4" (10.2cm)
		Height	10" (25.4cm)
		Depth	0.5" (1.3cm)
		Master Carton	
		Width	10.2" (26cm)
		Height	18.1" (46cm)
		Depth	9.45" (24cm)
		Master Carton Qty.	48