

DisplayPort to HDMI 4K Active Adapter with HDR - M/F, 4K @ 60 Hz, DP 1.2, HDMI 2.0, HDCP 2.2, White

MODEL NUMBER: P136-06N-HDR-W



4K adapter with HDR support connects an HDMI display to the DisplayPort (DP) 1.2 output on your Chromebook, MacBook or Surface.

Features

DisplayPort to HDMI Adapter Connects a 4K HDMI Monitor to Your Computer

Expand the potential of your DisplayPort computer or notebook by connecting it to a 4K HDMI-enabled television, monitor or projector. This active converter helps you transmit digital audio and 4K video from the DisplayPort 1.2 output on your PC, Mac, Chromebook, MacBook, Microsoft Surface or other compatible computer or tablet. It's an ideal tool for working in high-definition photography, videography or cinematography, as well as streaming video for digital signage in crystal-clear 4K.

More Convenient, Less Expensive Way to Watch 4K Video

This active adapter features a male DP connector and a female HDMI connector, allowing you to continue using your existing HDMI display and HDMI cable (such as Tripp Lite's P568-Series cables) to transmit video signals without the expense of a new DP display.

Transmits Crystal-Clear 4K HDMI Video with HDR and 4:4:4 Color

The P136-06N-HDR-W supports Ultra HD video resolutions up to 3840 x 2160 (4K x 2K) at 60 Hz. It's compatible with HDMI 2.0 standards for carrying HDR signals, which provides a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks. HDCP 2.2 compliance allows you to stream iTunes and Netflix content with no complications. This adapter supports YCBCR 4:4:4 8-bit, YCBCR 4:2:2 8-bit and YCBCR 4:2:0 10-bit chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor.

Ready to Use Right from the Package, So You Can Plug and Play Immediately

The plug-and-play DisplayPort to HDMI active converter requires no software, drivers or external power. It's compatible with both Single- and Dual-Mode (DP++) DP output and is recommended for use with graphics cards that do not output DP++ signals. The compact unit fits easily into a briefcase or laptop bag for connecting on the go. The P136-06N-HDR-W is backward compatible with 1080p displays and pre-1.2 DisplayPort sources, allowing you to use the adapter with older equipment.

Highlights

- Delivers Ultra HD picture quality at resolutions up to 3840 x 2160 (4K x 2K) @ 30 Hz
- Supports High Dynamic Range (HDR) for richer contrast and expanded color accuracy
- Active adapter converts Single- and Dual-Mode DP++ output for viewing on display
- Compact unit fits easily into pocket, briefcase or laptop bag for instant use anywhere
- Plug-and-play operation with no software required for easy, immediate installation

Applications

- Watch 4K video content from a DisplayPort-enabled PC, Mac or Surface on an Ultra HD television or projector
- Edit HDR production video or digital photos using a 4K monitor
- Connect a Chromebook or MacBook to a conference table's A/V box to give a video presentation on a large screen
- Upgrade the video quality of your trade show presentation or digital signage installation in a commercial or educational setting to 4K x 2K

System Requirements

- Source device with DisplayPort output
- Display device with HDMI input



- DisplayPort 1.2 and HDMI 2.0 required for 4K resolution @ 60 Hz

Package Includes

- P136-06N-HDR-W DisplayPort to HDMI 4K Adapter - M/F, White
- Quick Start Guide

Specifications

OVERVIEW	
UPC Code	037332241252
INPUT	
Built-In Cable Length (ft.)	0.328
Built-In Cable Length (m)	0.1
Built-In Cable Length (in.)	3.94
Built-In Cable Length (cm)	10
Bus Powered	Yes
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	N/A
PHYSICAL	
Cable Jacket Rating	VW-1
Cable Jacket Type	VW-1
Cable Outer Diameter (OD)	4.8mm
Color	White
Material of Construction	ABS, PVC
Unit Dimensions (hwd / cm)	1.2 x 2.2 x 4.17
Unit Dimensions (hwd / in.)	0.47 x 0.87 x 1.64
Unit Weight (kg)	0.04
Unit Weight (lbs.)	0.088
Wire Gauge (AWG)	32 AWG



ENVIRONMENTAL	
Operating Temperature Range	32 ~ 113F (0 ~ 45C)
Storage Temperature Range	14 ~ 158F (-10 ~ 70C)
Operating Humidity Range	10% to 85% RH (No Condensation)
Storage Humidity Range	5% to 90% RH (No Condensation)
CONNECTIONS	
Side A - Connector 1	(1) DISPLAYPORT (MALE)
Side B - Connector 1	(1) HDMI (FEMALE)
FEATURES & SPECIFICATIONS	
Max Supported Video Resolution	3840 x 2160 (4K x 2K) @ 60 Hz
Displayport Specification	1.2
HDMI Specification	2.0
HDCP Specification	2.2
EDID Compatible	Yes
3D Video Supported	Yes
Consumer Electronics Control (CEC) Supported	No
Technology	DisplayPort; HDMI; HDR
Chroma Sub Sampling	4:2:0; 4:2:2; 4:4:4
SPECIAL FEATURES	
HDR Support	Yes
CERTIFICATIONS	
Certifications	Certified to RoHS, REACH, CE, FCC
WARRANTY	
Product Warranty Period (Worldwide)	3-year limited warranty

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