

Active USB Type-C to DisplayPort 8K60Hz HDR Adapter

No. WST-UAD004



Introduction

WST-UAD004 is an active USB Type-C to DisplayPort 8K60Hz HDR adapter designed for high-refresh-rate gaming and high-resolution video applications.

It allows USB Type-C desktop computers, laptops, and compatible mobile devices that support DisplayPort Alt Mode to connect to DisplayPort monitors. It supports video output up to 8K@60Hz, 4K@240Hz, and 2K@240Hz, fully utilizing the performance of high-refresh-rate gaming monitors.

Featuring DisplayPort1.4, 32.4Gbps high-speed bandwidth, DSC1.2, and HDR support, the adapter delivers smooth and detailed visual performance for fast-paced games, competitive gaming, and high-resolution video applications.

No driver installation or external power supply is required, providing convenient plug-and-play operation.

Key Features

- Supports high-refresh-rate video output up to 4K@240Hz, maximizing the performance of high-refresh-rate gaming monitors
- Supports ultra-high-resolution video output up to 8K@60Hz, ideal for both gaming and high-resolution video applications
- Supports HDR for enhanced brightness, contrast, and richer color reproduction
- Supports two display modes :
 - Mirror Mode : Duplicates the content of the primary display
 - Extend Mode : Extends the desktop workspace to a second display
- Supports DSC1.2, enabling ultra-high-resolution and high-refresh-rate transmission with visually lossless compression
- Compatible with USB Type-C devices that support DisplayPort Alternate Mode
- Connectors and contacts feature 24K gold plating for enhanced durability and reliable signal transmission
- Premium aluminum alloy housing provides robust protection for long-term reliable use
- Compact design with plug-and-play operation

Package Contents

Active USB Type-C to DisplayPort 8K60Hz HDR Adapter x 1

Specifications

Connector	
Input	USB Type-C (Male) x 1
Output	DisplayPort (Female) x 1
Connector Plating	Gold plated
Pin Plating	Gold plated
Housing	
Housing Material	Aluminum
Size W x D x H	USB Type-C Male : 37 x 12.5 x 6.5mm / DisplayPort Female : 70 x 24.5 x 12.5mm
Cable Construction	
Jacket Material	PVC
Jacket Color	Black
Jacker Diameter	5.0mm
Conductor Gauge	32AWG / 32AWG / 24AWG
Conductor Material	Tinned copper
Type	Round
Shielding	Tinned Copper Braiding
Minimum Bend Radius	30mm
Lengths	150mm
Technical Specifications	
Standard	DisplayPort1.4
Supported Bandwidth	32.4Gbps
Supported Max Resolutions	7680x4320@60Hz
Supported Color Depth	8 / 10 / 12bit
Environment	
Operating Temperature	0° C ~ 55° C
Storage Temperature	-10° C ~ 60° C
Package	
Package Style	Bag
Barcode EAN	4710582481505
Weight	37.4g
Country of Origin	China
Certification	
Safety & Emission	CE / FCC / RoHS / REACH

Connection Diagram

