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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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## USB 3.1 Gen 1 USB-C to HDMI 4K Adapter (M/F), Thunderbolt 3 Compatibility, 4K @60Hz

MODEL NUMBER: **U444-06N-HD4K6B**



Connects your existing 4K HDMI TV, monitor or projector to the USB-C or Thunderbolt 3 port on your tablet, laptop, notebook, MacBook, Chromebook, smartphone or PC.

### Description

The U444-06N-HD4K6B USB 3.1 Gen 1 USB-C to HDMI 4K Adapter (M/F) helps you transmit digital audio and 4K video from your tablet, laptop, Chromebook, MacBook, smartphone or PC to an HDMI-enabled television, monitor or projector. It's an ideal tool for giving video presentations in conference rooms and classrooms, editing multiple documents on a larger screen or streaming video for digital signage in crystal-clear 4K.

With a source device that also supports USB DisplayPort Alternate Mode, you can extend video from your primary display to another, duplicate the same video on both displays or change the second display to your primary.

The plug-and-play U444-06N-HD4K6B requires no software, drivers or external power. Connect the reversible USB-C plug to your source device's USB-C or Thunderbolt 3 port. The fumble-free USB-C plug connects in either direction to ensure fast, easy connection every time. Then, connect the HDMI port to your display using an HDMI cable (sold separately).

The U444-06N-HD4K6B meets HDCP 2.2 specifications. It supports UHD video resolutions up to 4096 x 2160 (4K x 2K) at 60 Hz, 24-bit Deep Color (8 bits per channel), 7.1-channel surround sound and per-lane transfer rates of 5.4 Gbps (HBR2), 2.7 Gbps (HBR) and 1.62 Gbps (RBR).

### Features

#### Connects an HDMI Display to Your USB-C or Thunderbolt 3 Device

- Compatible with USB-C or Thunderbolt 3 source devices that support USB DisplayPort Alternate Mode
- Ideal for giving video presentations, editing multiple documents or streaming video for digital signage

### Highlights

- Supports USB DisplayPort Alternate Mode for transmitting audio/video
- Supports UHD video resolutions up to 4096 x 2160 (4K x 2K) @ 60 Hz
- Supports 7.1-channel surround sound
- Reversible USB-C plug connects in either direction
- Plug-and-play operation with no software or drivers required

### System Requirements

- Source device with USB-C or Thunderbolt 3 port that supports USB DisplayPort Alternate Mode
- Display device with HDMI input

### Package Includes

- U444-06N-HD4K6B USB 3.1 Gen 1 USB-C to HDMI 4K Adapter (M/F)
- Owner's manual



- Meets HDCP 2.2 specifications

#### Common Applications

- Extends video from your primary display to another
- Duplicates the same video on 2 displays
- Converts a secondary display to your primary display

#### Crystal-Clear 4K Video and Digital Audio

- Supports UHD video resolutions up to 4096 x 2160 (4K x 2K) @ 60 Hz
- Supports 24-bit Deep Color (8 bits per channel)
- Supports 7.1-channel surround sound
- Supports per-lane transfer rates of 5.4 Gbps (HBR2), 2.7 Gbps (HBR) and 1.62 Gbps (RBR)

#### Built-In Cable with Reversible USB-C Connector

- Fumble-free reversible USB-C plug connects in either direction for quick connection every time

#### Ready for Instant Use

- Plug-and-play operation with no software, drivers or external power required
- Half the footprint of a credit card for easy carrying in a pocket, purse or laptop bag
- Backward compatible with non-4K displays

## Specifications

OVERVIEW	
UPC Code	037332203366
Technology	HDMI (All types); USB (all versions); USB 3.0 (SuperSpeed); USB 3.1 (Gen 1)
INPUT	
Bus Powered	Yes
Product Length (in.)	6.00
PHYSICAL	
Shipping Dimensions (hwd / in.)	1.060 x 5.710 x 3.000
Shipping Dimensions (hwd / cm)	2.69 x 14.50 x 7.62
Shipping Weight (lbs.)	0.1100
Shipping Weight (kg)	0.05
Unit Packaging Type	Box
Unit Dimensions (hwd / in.)	0.55 x 1.8 x 1.1



Unit Weight (lbs.)	0.04
Unit Weight (kg)	0.02
Material of Construction	ABS
Color	Black
Cable Jacket Rating	VW-1
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	-4 to 158 F (-20 to 70 C)
Storage Temperature Range	-4 to 185 F (-20 to 85 C)
Relative Humidity	20% to 80% RH, Non-Condensing
BTUs	2.3 BTU/Hr
Power Consumption (Watts)	0.68
<b>CONNECTIONS</b>	
Ports	1
Side A - Connector 1	USB C (MALE)
Side B - Connector 1	HDMI (FEMALE)
Connector Plating	Nickel
Contact Plating	Gold
<b>FEATURES &amp; SPECIFICATIONS</b>	
Max Supported Video Resolution	4K x 2K (4096 x 2160) @60Hz
HDMI Specification	2.0a
HDCP Specification	2.2
USB Specification	USB 3.0 (up to 5 Gbps); USB 3.1 Gen 1 (up to 5 Gbps)
Audio Specification	7.1 Channel Surround Sound
Driver Required	No
<b>CERTIFICATIONS</b>	
Certifications	Tested to CE, FCC, RoHS, REACH
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	3-year limited warranty

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