**AVLAB I/O**
SINCE 1997

# USB 3.1 Type-C Hub with HDMI

**& PD charging Adapter - 4K**   <u>User Reference Guide</u>

# Introduction

The *USB 3.1 Type-C Hub with HDMI & PD charging Adapter -4K ready* easily adds three USB ports, an HDMI output and a USB PD (USB Power Delivery) port to USB Type-C enabled computers.

## Key Features and Benefits

- Adds one HDMI port, one USB Type-C charging port (PD) and triple USB 3.1 Gen 1 port instantly through USB Type-C connection

- Compatible with USB Type-C port with DisplayPort signal and power deliver (PD) protocol enabled such as new MacBook and Google Chromebook Pixel

- Multi-Function pocket size unit with no external power adapter required provides greater portability

- Delivers HDMI video/audio signal with maximum display resolution up to 4Kx2K@30Hz
- USB 3.1 Gen 1 ports support data transfer rates up to 5Gbps for fast data delivery
- Plug-n-Play, no software installation required

## Specifications

| | |
|---|---|
| Number of Connectors | 5 |
| Connectors | Input: 1x USB Type-C, Male<br>Output: 1x 19-pin HDMI, Female<br>3x 9-pin USB 3.1 Gen 1 Type-A, Female<br>1x USB Type-C (charging) , Female |
| Video Type | HDMI |
| Resolution | Up to 4Kx2K |
| Audio | Yes |
| Data Transfer Rate | Up to 5Gb/s (USB 3.1 Gen 1) |
| Power | USB Bus-powered |
| Housing Material | Metal (Aluminum) |
| Built-in Cable Length | 5.91" (15cm) |
| Color | Silver |
| Dimensions | 3.11" (W) x 0.63" (H) x 1.85" (D) |
| Weight | 0.15 lbs |

# Package Contents

- *USB 3.1 Type-C Hub with HDMI & PD charging Adapter - 4K ready*
- User Reference Guide

# System Requirements

- Computer with USB Type-C port
- USB Power Delivery Specification (USB PD) over USB Type-C
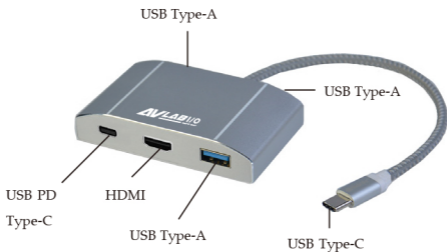- DisplayPort over USB Type-C

# Layout



**Figure 1: USB 3.1 Type-C Hub with HDMI & PD charging Adapter - 4K**

- **USB Type-C:** Connects to USB Type-C port of the computer

- **USB Type-A (x3):** Connects to USB peripherals such as mice, pen drives, or printers
- **HDMI:** Connects to an HDMI display by HDMI cable (cable not included)
- **USB PD Type-C:** Connects to a USB Type-C power source for powering or charging your laptop

# Application

*USB 3.1 Type-C Hub with HDMI &  PD charging Adapter -4K ready* provides HDMI, USB data and USB PD charging connection simultaneously in one ultra-slim unit.



**Note:** It's not recommended to connect power-hungry USB devices simultaneously

**Figure 2: Application**