

## i-tec USB-C HDMI Dual DP Docking Station with Power Delivery 100 W + i-tec Universal Charger 100 W

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### PRODUCT DESCRIPTION

A high-performance USB-C office dock that supports up to 3x external 4K monitors. The dock is compatible with any laptop equipped with a USB-C, USB4 or Thunderbolt 3/4 port. Of course, it supports charging of your laptop or tablet, up to 100 W. The integrated latest DP 1.4 DSC protocol also supports 5K/60 Hz resolution, which can be appreciated by professional graphic designers, data analysts, film editors or high-definition video lovers.

**The dock can be purchased in two variants:**

- **1. without the included USB-C charging adapter (product code [C31TRIPLE4KDOCKPDPRO](#))**
- **2. with the included 100W adapter (this variant)**

Note: macOS operating system does not support Multi Stream Transport (MST) video transfer technology, which means that if connected to macOS, the same image will be projected on both connected monitors.

- Connect up to three external 4K/30Hz monitors
- Refresh rate up to 360Hz (when connected to a single 1080p monitor)
- Power delivery: up to 100W
- 1x HDMI, 2x DisplayPort++
- 3x USB 3.1, 1x USB-C 3.2 Gen2 (10 Gbps) and 2x USB 2.0 allow you to easily connect your USB devices and peripherals. Gigabit Ethernet RJ-45 provides a reliable, robust and high-speed
- Internet connection with 10/100/1000 Mbps support
- Combination audio and microphone jack on the front panel
- Kensington lock provides anti-theft protection, especially in shared office environments or public areas
- Docking station power switch allows for maximum power savings
- Docking station supports a VESA mount for smart vertical installation behind a VESA-enabled monitor
- Supports Windows 10, macOS, Android, iPadOS, ChromeOS and Linux

The dock can be used without a power adapter connected. In this case, the video outputs, LAN (RJ-45), audio/mic and both USB 2.0 ports will always be functional. However, the USB 3.0 ports and the USB-C data port may not work when connecting devices with higher power requirements (e.g. SSDs, especially NVMe drives). In this case, the docking station power may shut down. We recommend using the docking station with a power adapter connected to ensure that all ports are used and that maximum data transfer speeds are achieved. (The adapter is included in the package).

Note: If connected to an Android device, the dock will only work with the power adapter connected. **(Adapter included).**

### PRODUCT FEATURES

## **DOCKING STATION**

- 1x integrated USB-C cable for connection to devices (100 cm)
- Docking station technology: USB-C (MST)
- Power Delivery: up to 100 W
  - Internal power consumption: 5-10W (more info here)
- Video Ports: 2x DisplayPort (supports DP++), 1x HDMI
- [Resolution:](#)
- **Host device with DisplayPort 1.2 support:**
  - 1 monitor - 1x HDMI or DP → up to 4K/30Hz
  - 1 monitor - 1x HDMI or DP → up to 1080p/120Hz
  - 2 monitors - 1x DP + 1x HDMI → up to 2x 1080p/60Hz\*
  - 2 monitors - 2x DP → up to 2x 1080p/60Hz\*
  - 3 monitors - 1x HDMI + 1x DP + 1x DP → up to 1x 1080p/60Hz + up to 2x 720p/60Hz\*
- **Host device with DisplayPort 1.4 support:**
  - 1 monitor - 1x HDMI → up to 4K/60Hz
  - 1 monitor - 1x DP → up to 4K/60Hz
  - 2 monitors - 1x DP + 1x HDMI → up to 2x 1440p/60Hz\*
  - 2 monitors - 1x DP + 1x HDMI → up to 2x 4K/30Hz\*
  - 2 monitors - 2x DP → up to 2x 4K/30Hz\*
  - 3 monitors - 1x HDMI + 1x DP + 1x DP → up to 3x 1080p/60Hz\*
- **Host device with DisplayPort 1.4 with DSC support:**
  - 1 monitor - 1x HDMI → up to 4K/60Hz
  - 1 monitor - 1x DP → up to 5K/60Hz
  - 1 monitor - 1x HDMI → up to 1440p/144Hz or 1080p/240Hz
  - 1 monitor - 1x DP → up to 4K/144Hz or 1440p/240Hz or 1080p/360Hz
  - 2 monitors - 1x DP + 1x HDMI → up to 2x 4K/60Hz\*
  - 2 monitors - 1x DP + 1x HDMI → up to 2x 1440p/144Hz\*
  - 3 monitors - 1x HDMI + 1x DP + 1x DP → up to 3x 4K/30Hz\*
- 1x USB-C 3.2 Gen. 2 port (10 Gbps)
- 1x USB-C 3.2 port Gen. 2 (10 Gbps) + PD (Power delivery)
- 3x USB-A 3.2 port Gen. 1 port (5 Gbps)
- 2x USB 2.0 port
- 1x Ethernet GLAN RJ-45 port
- 1x 3.5 mm Combo Audio port
- LED indication
- ON/OFF switch to turn the docking station on and off
- Support for Kensington lock
- OS: Windows 11, Windows 10, macOS\*, iPadOS\*\*, Android\*\*, Chrome OS and Linux with latest updates
- Product dimensions: 113 x 113 x 31.2 mm
- Product weight: 340 g
- Package dimensions: 250 x 242 x 50 mm

## **CHARGER:**

- Universal 100 W USB-C power adapter for powering laptops, tablets, smartphones and other devices equipped with a USB-C charging port
- Input voltage AC 100-240 V, 50-60 Hz, max. 2.3 A
- Output power (max.): 100 W
- Efficiency: more than 86 %
- USB-C output voltage: DC 5 V / 9 V / 12 V / 15 V / 19 V / 20 V
- USB-C output current: max. 5A
- Protection against current overload, overvoltage, short circuit and overheating.
- Operating temperature: 0 °C - 40 °C

- Relative humidity: 10 % - 100 %

\* The macOS operating system does not support Multi Stream Transport (MST), which means that when connected to macOS, the same image will be projected on all connected monitors.

\*\* iPadOS, Android do not support multi-screen video transport technology, nor the extended screen option. This means that when connected to an external monitor, only the mirrored screen will be displayed. (Not valid for androids with DEX and Easy Projection extension) The dock can be used without a power adapter connected. In this case, the video outputs, LAN (RJ-45), audio/mic and both USB 2.0 ports will always be functional. However, the USB 3.2 ports and the USB-C data port may not work when connecting devices with higher power requirements (e.g. SSDs, especially NVMe drives). In this case, the docking station may shut down. We recommend using the docking station with the power adapter connected to ensure that all ports are used and that maximum data transfer speeds are achieved. Note: If connected to an Android device, the dock will only work with the power adapter connected. **The adapter is included in the package.**

#### Hardware Requirements:

- Device with a free USB-C, USB4 or Thunderbolt™ 3/4 port

#### Power Delivery Requirements:

- Device with a free USB-C, USB4 or Thunderbolt™ 3/4 port with Power Delivery support

#### Video Output Requirements:

- Device with a free USB-C or USB4 port with DisplayPort Alternate Mode support or a Thunderbolt™ 3/4 port

#### Operating System:

- Windows 10 / 11, macOS\*, iPadOS\*\*, Android\*\*, Chrome OS and Linux with latest updates

\* macOS does not support Multi Stream Transport (MST) technology. Connecting two monitors to the station on macOS will result in both monitors showing the same image.

\*\* iPadOS, Android do not support multi-screen video transfer technology, nor the extended screen option. This means that when connected to an external monitor, only the mirrored screen will be displayed. (Not valid for androids with DEX and Easy Projection extension)

## SPECIFICATION

Part Number	Product Description & EAN
C31TRI4KDPDPRO100	i-tec USB-C HDMI Dual DP Docking Station with Power Delivery 100 W + i-tec Universal Charger 100 W EAN: 8595611706134
C31TRI4KDPDPRO100UK	i-tec USB-C HDMI Dual DP Docking Station with Power Delivery 100 W + i-tec Universal Charger 100 W EAN: 8595611706141
<b>Hardware</b>	

Bus type	USB-C, USB4, Thunderbolt-3, Thunderbolt-4
<b>Ports/Connectors</b>	
<b>System Requirements</b>	
Operating system	Windows 10/11 macOS X Android Linux Chrome OS R51 or later
<b>Other features</b>	
Colour	black
Housing Material	ABS
Product Dimensions	113 x 113 x 31.2 mm
Product Weight	340 g
Package Weight	
Packaging Dimensions (LxWxH)	250 x 242 x 50 mm
<b>Support</b>	
Warranty period	2 years
Technical support	lifetime
<b>Package contents</b>	
Product	
Manual	
USB-C 100W Charging Adapter	

For further information regarding setup or for answers to FAQ's, please visit our website [i-tec.pro](https://www.i-tec.pro). Specifications are subject to change without notice.

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