

i-tec C31QUATTRODOCKPDUK

i-tec USB-C Quattro Docking Station (C31QUATTRODOCKPDUK) User Manual

Model: C31QUATTRODOCKPDUK | Brand: i-tec

1. INTRODUCTION

The i-tec USB-C Quattro Docking Station is designed to expand the connectivity of your USB-C enabled laptop or tablet, allowing for connection of up to four external displays, multiple USB peripherals, Gigabit Ethernet, and audio devices. It also provides up to 85W Power Delivery to charge your host device. This manual provides detailed instructions for setting up, operating, and maintaining your docking station.

2. PACKAGE CONTENTS

Please verify that all items listed below are present in your package:

- i-tec USB-C Quattro Docking Station
- Power Adapter
- Power Cable
- USB-C to USB-C Cable
- Quick Start Guide



Figure 2.1: Package Contents. The image displays the docking station, its power adapter, a power cable, and a quick setup guide.

3. PRODUCT OVERVIEW

Familiarize yourself with the ports and indicators on your i-tec USB-C Quattro Docking Station.

3.1 Front Panel



Figure 3.1: Front Panel. This image shows the front of the docking station with a power button, microphone input jack, headphone output jack, one USB-C data port, and one USB 3.0 port.

- **Power Button:** To power on/off the docking station.
- **Microphone Jack (3.5mm):** Connect a microphone.
- **Headphone Jack (3.5mm):** Connect headphones or speakers.
- **USB-C Data Port:** For connecting USB-C peripherals.
- **USB 3.0 Port:** For connecting USB 3.0/2.0 peripherals.

3.2 Rear Panel



Figure 3.2: Rear Panel. This image displays the rear of the docking station, featuring the DC 20V power input, USB-C PD host connection, two DisplayPort outputs, two HDMI outputs, a Gigabit Ethernet (LAN) port, and four additional USB 3.0 ports.

- **DC 20V Power Input:** Connect the included power adapter.
- **USB-C PD Host Port:** Connect to your laptop/tablet for data, video, and power delivery.
- **2x DisplayPort:** Connect external monitors via DisplayPort cables.
- **2x HDMI:** Connect external monitors via HDMI cables.
- **GLAN (RJ-45) Port:** Connect to a wired network.
- **4x USB 3.0 Ports:** Connect USB 3.0/2.0 peripherals.

4. SETUP INSTRUCTIONS

Follow these steps to set up your i-tec USB-C Quattro Docking Station:

1. **Connect Power:** Connect the power adapter to the DC 20V input on the rear of the docking station, then plug the power cable into a wall outlet.
2. **Connect to Host Device:** Use the provided USB-C to USB-C cable to connect the docking station's USB-C PD Host Port to your laptop's USB-C port. Ensure your laptop's USB-C port supports DisplayPort Alternate Mode and Power Delivery for full functionality.
3. **Connect External Displays:** Connect your monitors to the DisplayPort and/or HDMI ports on the rear of the docking station. You can connect up to four displays simultaneously.
4. **Connect Peripherals:** Plug your USB devices (keyboard, mouse, external drives) into the available USB 3.0 or USB-C data ports. Connect an Ethernet cable to the GLAN port for wired network access. Connect headphones/speakers and a microphone to the respective audio jacks on the front panel.
5. **Power On:** Press the power button on the front of the docking station. Your operating system should automatically detect the connected devices.
6. **Driver Installation (if necessary):** For optimal performance or specific features, visit www.i-tec.cz/setup to download and install any required drivers for your operating system.

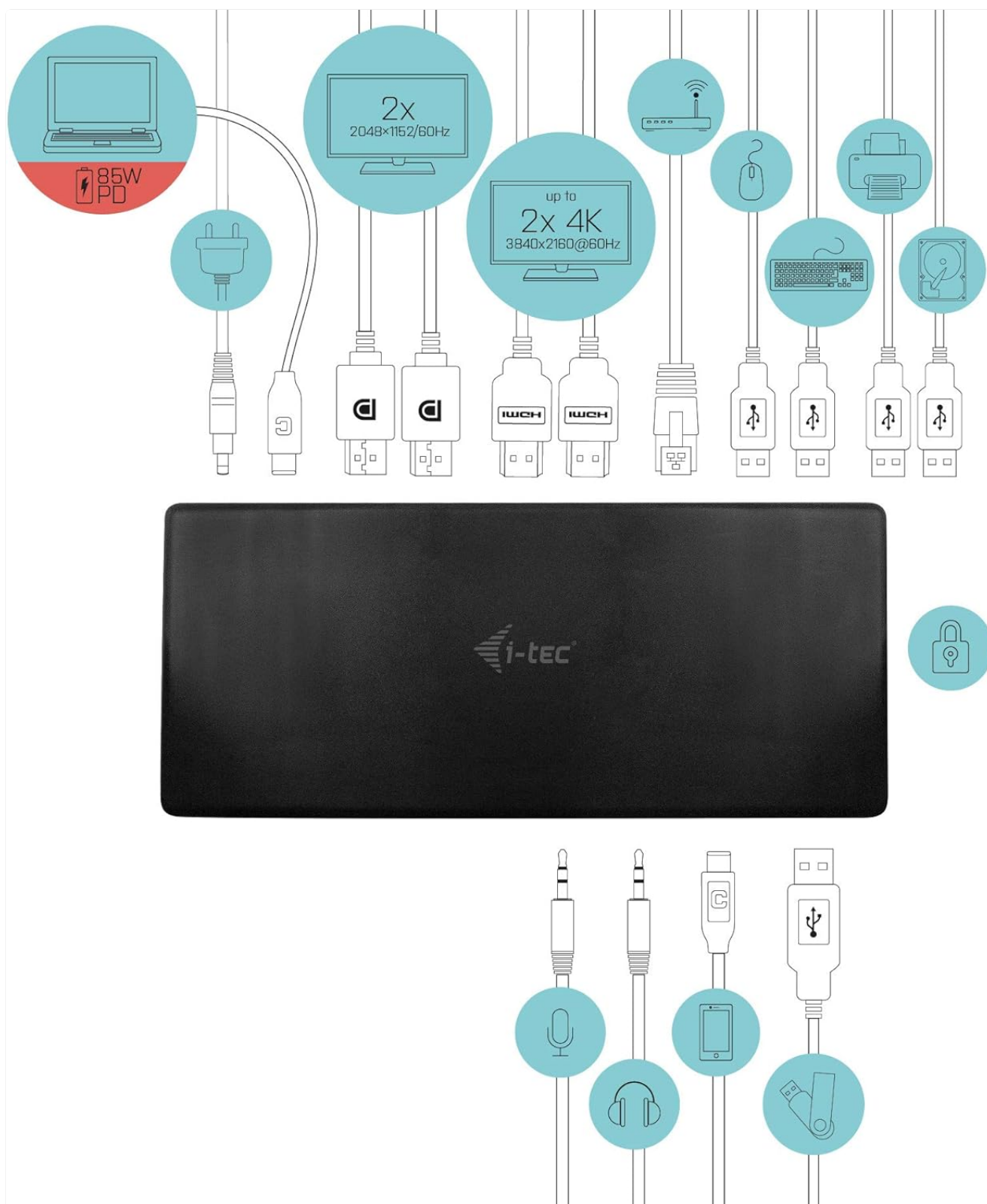


Figure 4.1: Connection Diagram. This diagram shows the various connections to the docking station, including power, host laptop, multiple monitors (DisplayPort and HDMI), Ethernet, and USB peripherals like a mouse, keyboard, and external storage.

5. OPERATING INSTRUCTIONS

Once set up, your docking station provides enhanced functionality for your workspace.

5.1 Multi-Display Configuration

The docking station supports up to four external displays. You can configure these displays in various modes (extended, mirrored) through your operating system's display settings.

- **Resolutions:** Supports up to 2x 2048x1152@60Hz and 2x 4K/60Hz, depending on your host device's capabilities and display connections.
- **Windows:** Right-click on the desktop, select 'Display settings' to arrange and configure your monitors.
- **macOS:** Go to 'System Preferences' > 'Displays' to adjust settings.



Figure 5.1: Four-Display Setup Example. This image illustrates a workstation with a laptop connected to the docking station, driving four external monitors simultaneously, showcasing a multi-tasking environment.

5.2 Power Delivery

The USB-C PD Host Port provides up to 85W of power to charge your connected laptop or tablet, eliminating the need for a separate power adapter for your host device.

5.3 USB Connectivity

Utilize the 5x USB 3.0 ports and 1x USB-C data port for connecting various peripherals such as external hard drives, USB flash drives, keyboards, mice, and printers. USB 3.0 ports offer high-speed data transfer.

5.4 Gigabit Ethernet

The GLAN RJ-45 port provides a stable and high-speed wired internet connection (10/100/1000 Mbps), which is often more reliable than Wi-Fi.

5.5 Audio Functionality

Connect your headphones, speakers, or microphone to the 3.5mm audio jacks on the front panel for integrated audio input and output.



Figure 5.2: Productivity Setup. This image shows a professional desk environment where the docking station facilitates a multi-monitor setup for enhanced productivity, displaying various applications and data across four screens.



Figure 5.3: VESA Mounting. The docking station is shown mounted vertically on the back of a VESA-compatible monitor, demonstrating its space-saving installation capability and organized cable routing.



Figure 5.4: Connected Workstation. This image provides a close-up of the docking station on a desk, connected to a laptop via USB-C, and featuring various peripherals plugged into its front ports, including a USB drive and audio devices.

6. MAINTENANCE

To ensure the longevity and optimal performance of your docking station, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the docking station. Do not use liquid cleaners or aerosols.
- **Ventilation:** Ensure the docking station is placed in a well-ventilated area to prevent overheating. Do not block any ventilation openings.
- **Handling:** Avoid dropping or subjecting the docking station to strong impacts.
- **Environment:** Keep the device away from extreme temperatures, humidity, and direct sunlight.
- **Cable Management:** Ensure cables are not excessively bent or strained to prevent damage to ports and cables.

7. TROUBLESHOOTING

If you encounter issues with your docking station, refer to the following common problems and solutions:

7.1 No Display Output

- **Check Connections:** Ensure all display cables (HDMI/DisplayPort) are securely connected to both the docking station and the monitors.
- **Host Connection:** Verify the USB-C cable from the docking station is firmly connected to your laptop's USB-C port.
- **Power:** Confirm the docking station is powered on and receiving power from the adapter.
- **Laptop Compatibility:** Ensure your laptop's USB-C port supports DisplayPort Alternate Mode.
- **Drivers:** Install the latest drivers from www.i-tec.cz/setup.
- **Display Settings:** Adjust your operating system's display settings to detect and extend/mirror displays.

7.2 USB Devices Not Working

- **Reconnect:** Disconnect and reconnect the USB device to a different port on the docking station.

- **Power:** Ensure the docking station is powered on.
- **Host Connection:** Verify the USB-C connection to your laptop.
- **Power Consumption:** If connecting high-power USB devices, ensure the docking station's power adapter is correctly connected and providing sufficient power.

7.3 No Network Connection (GLAN)

- **Cable Check:** Ensure the Ethernet cable is securely connected to both the docking station and your router/modem.
- **Router/Modem:** Verify your router/modem is working correctly.
- **Drivers:** Ensure the latest network drivers are installed for the docking station.

7.4 Laptop Not Charging (Power Delivery)

- **Power Adapter:** Confirm the docking station's power adapter is correctly connected and functioning.
- **USB-C Cable:** Ensure the USB-C cable connecting the dock to your laptop supports Power Delivery.
- **Laptop Compatibility:** Verify your laptop's USB-C port supports Power Delivery input.

8. SPECIFICATIONS

Feature	Detail
Model Number	C31QUATTRODOCKPDUK
Brand	i-tec
Product Dimensions	10 x 2 x 2.7 inches (25.4 x 5.08 x 6.86 cm)
Item Weight	10.2 ounces (0.29 kg)
Hardware Interface	DisplayPort, Ethernet, HDMI, USB, USB 3.0, USB Type C
Compatible Devices	Laptop, Monitor, Tablet with USB-C (DisplayPort Alt Mode & Power Delivery support recommended)
Total USB Ports	6 (5x USB 3.0, 1x USB-C Data)
Total HDMI Ports	2
Total DisplayPort	2
Ethernet	Gigabit Ethernet (RJ-45)
Audio Jacks	1x Microphone (3.5mm), 1x Headphone (3.5mm)
Power Delivery	Up to 85W to host device
Color	Black
Operating Systems	Windows 10, macOS, Android, Linux

9. WARRANTY INFORMATION

The i-tec USB-C Quattro Docking Station is covered by a manufacturer's warranty. Please refer to the warranty card included in your package or visit the official i-tec website for detailed warranty terms and conditions. Keep your proof of purchase for warranty claims.

10. CUSTOMER SUPPORT

For further assistance, technical support, or to download the latest drivers and firmware, please visit the official i-tec support website:

[i-tec Official Support Page](#)

You may also find helpful resources and FAQs on the product's dedicated setup page: www.i-tec.cz/setup