

i-tec C31FLAT2PDPRO

i-tec C31FLAT2PDPRO USB-C Docking Station User Manual

Model: C31FLAT2PDPRO

INTRODUCTION

This user manual provides detailed instructions for the i-tec C31FLAT2PDPRO USB-C Docking Station. Please read this manual carefully before using the device to ensure proper operation and to maximize its capabilities. Keep this manual for future reference.

The i-tec C31FLAT2PDPRO is a versatile USB-C docking station designed to expand the connectivity of your laptop, tablet, or other USB-C enabled devices. It allows for multiple external display connections, high-speed data transfer, network connectivity, and power delivery through a single USB-C cable.

SAFETY INFORMATION

- Do not expose the device to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the device to strong impacts.
- Do not attempt to disassemble or repair the device yourself. Refer to qualified service personnel.
- Use only compatible power adapters if external power is required for your setup (not included with this product).
- Ensure proper ventilation around the docking station during operation.

PACKAGE CONTENTS

- i-tec C31FLAT2PDPRO USB-C Docking Station
- Integrated USB-C cable (approx. 60 cm)
- User Manual (this document)

Note: An AC power adapter is not included and may be required for full functionality, especially for laptop charging (Power Delivery).

PRODUCT OVERVIEW

The i-tec C31FLAT2PDPRO features a comprehensive array of ports to enhance your workstation setup.



Image: The i-tec C31FLAT2PDPRO USB-C Docking Station, showcasing its sleek silver design and integrated USB-C cable. The top view displays various ports for connectivity.

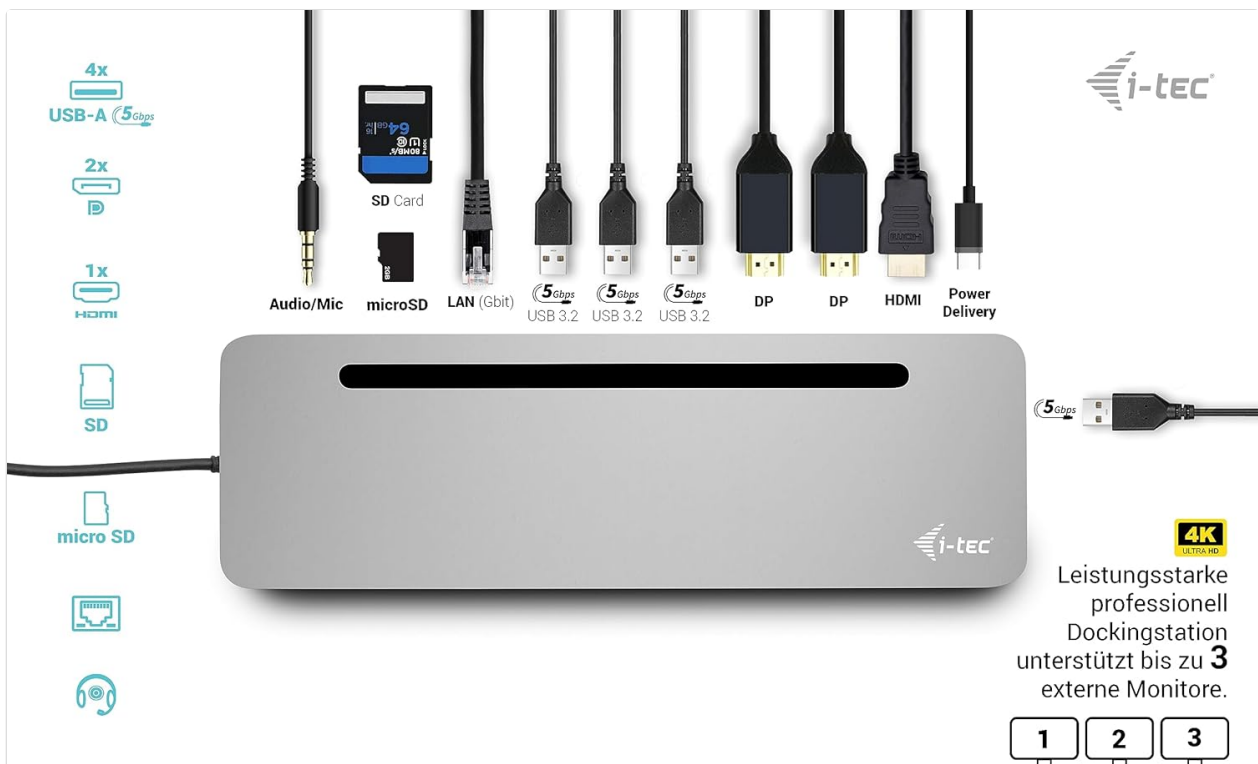


Image: Detailed view of the i-tec C31FLAT2PDPRO's ports, including Audio/Mic, Micro SD, SD Card, LAN (Gigabit Ethernet), USB 3.2 (5Gbps) ports, DisplayPort, HDMI, and Power Delivery USB-C input.

Port Descriptions:

- **USB-C (Host Connection):** Connects to your laptop/device.
- **USB-C (Power Delivery):** For connecting an external USB-C power adapter (up to 100W) to charge your host device.
- **USB 3.2 Gen 1 Type-A (x4):** For connecting USB peripherals like keyboards, mice, external drives. Supports up to 5 Gbps data transfer.
- **HDMI (x1):** Connects to an external monitor or TV.
- **DisplayPort (x2):** Connects to external monitors.
- **RJ45 (Gigabit Ethernet):** Provides a stable wired network connection.
- **SD Card Slot:** For reading standard SD memory cards.
- **Micro SD Card Slot:** For reading Micro SD memory cards.
- **3.5mm Audio Jack:** For connecting headphones or speakers.

SETUP AND INSTALLATION

Follow these steps to set up your i-tec C31FLAT2PDPRO docking station:

1. **Connect to Host Device:** Plug the integrated USB-C cable from the docking station into an available USB-C port on your laptop or compatible device. Ensure your device's USB-C port supports DisplayPort Alternate Mode (Alt Mode) and Power Delivery for full functionality.
2. **Connect Power (Optional but Recommended):** If your laptop requires charging via the docking station, connect your laptop's original USB-C power adapter (or a compatible 100W USB-C PD adapter) to the USB-C Power Delivery port on the docking station.

Laden bis 100 W



Image: Illustration showing the i-tec docking station connected to a power outlet and a laptop, demonstrating its 100W Power Delivery capability. An external power adapter is shown as not included.

- 3. Connect External Displays:** Connect your monitors to the HDMI and/or DisplayPort outputs on the docking station using appropriate cables. The docking station supports up to three external 4K displays simultaneously.

LEISTUNGSSTARKE grafiken

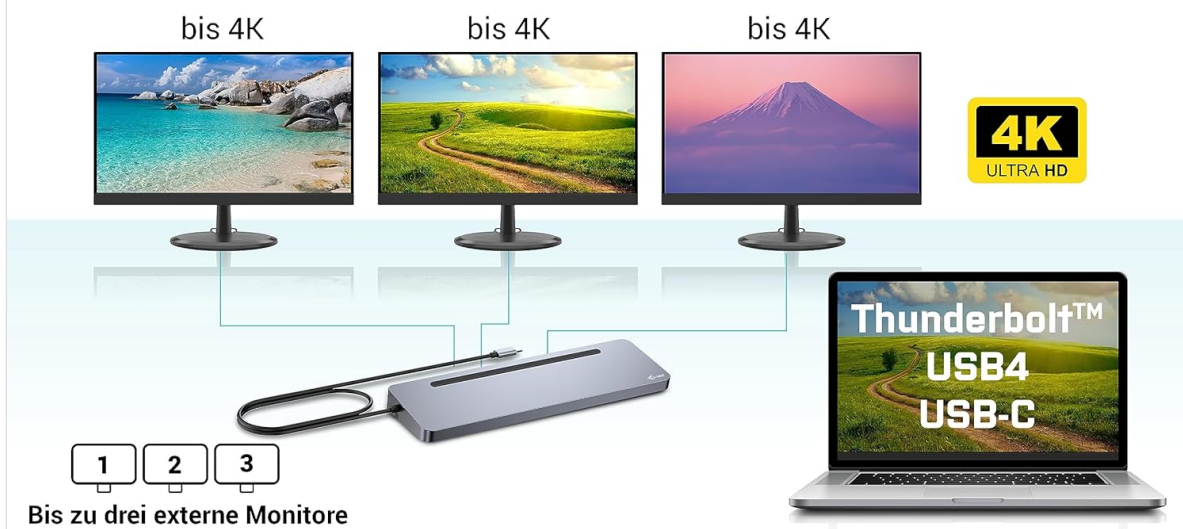


Image: Diagram illustrating how to connect up to three external 4K monitors to a laptop via the i-tec docking station, utilizing its HDMI and DisplayPort outputs.

- 4. Connect USB Peripherals:** Plug your USB devices (keyboard, mouse, external hard drive, etc.) into the USB 3.2 Type-A ports.

ALLE USB-ANSCHLÜSSE UNTERSTÜTZEN

superschnelle Datenübertragung
bis zu 5 Gbps



Image: Graphic demonstrating the high-speed data transfer capabilities of the USB ports on the i-tec docking station, supporting up to 5 Gbps, which is 10 times faster than USB 2.0.

5. **Connect to Network:** For a stable wired internet connection, connect an Ethernet cable from your router/modem to the RJ45 port on the docking station.
6. **Insert Memory Cards:** If needed, insert your SD or Micro SD cards into the respective slots.
7. **Connect Audio Devices:** Plug your headphones or speakers into the 3.5mm audio jack.

The docking station is plug-and-play for most modern operating systems, including Windows, macOS, Linux, and ChromeOS. Drivers should install automatically upon first connection.

The image shows a grey i-tec docking station connected to a laptop and a tablet. The laptop screen displays the following text: 'Thunderbolt™ 4', 'Thunderbolt™ 3', 'USB4', and 'USB-C'. The text 'Kompatibel mit allen MODERNEN NOTEBOOKS UND PAD' is prominently displayed in the center. At the bottom, there are five icons representing different operating systems: Windows, Apple (macOS), Linux (Tux penguin), Android, and ChromeOS. The i-tec logo is visible in the top right corner of the image area.

Image: Visual representation of the i-tec docking station's broad compatibility with modern notebooks and pads, supporting Thunderbolt 3, Thunderbolt 4, USB4, and USB-C interfaces across Windows, macOS, Linux, Android, and ChromeOS operating systems.

OPERATING INSTRUCTIONS

Display Configuration:

Once connected, your operating system should detect the external displays. You can configure display settings (extend, duplicate, primary display) through your system's display settings:

- **Windows:** Right-click on the desktop, select "Display settings".
- **macOS:** Go to System Settings > Displays.

Power Delivery:

If you connect a USB-C power adapter to the docking station's PD port, it will pass power through to charge your connected laptop. The docking station supports up to 100W Power Delivery. Ensure your laptop and power adapter support USB-C Power Delivery for this feature to work.

Data Transfer:

The USB 3.2 Gen 1 ports offer high-speed data transfer up to 5 Gbps, ideal for external hard drives, SSDs, and other high-bandwidth peripherals.

Network Connectivity:

The Gigabit Ethernet port provides a reliable and fast wired network connection, which is often more stable and faster than Wi-Fi, especially for large file transfers or online gaming.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the surface of the docking station. Do not use liquid cleaners or aerosols.
- **Storage:** When not in use for extended periods, store the docking station in a cool, dry place away from direct sunlight.
- **Cable Management:** Avoid sharp bends or kinks in the integrated USB-C cable to prevent damage. The 60 cm cable provides flexibility for ergonomic setups.

IHRE ERGONOMISCHE FREIHEIT

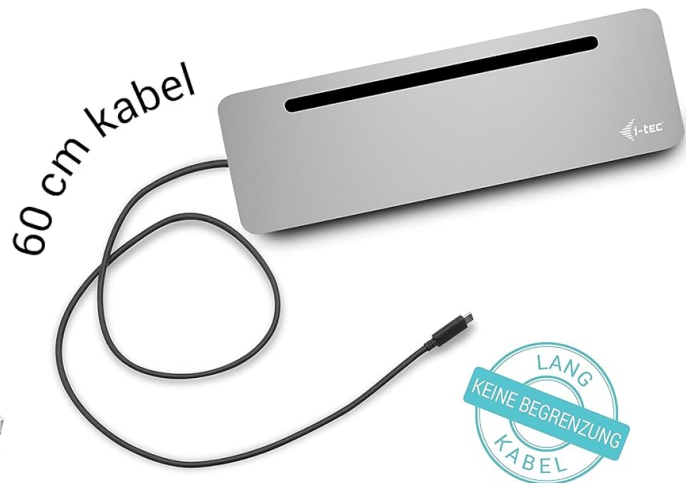


Image: The i-tec docking station with its 60 cm integrated USB-C cable, highlighting its length for ergonomic placement and flexibility.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|----------------------|--|--|
| No display output. | <ul style="list-style-type: none">◦ Incorrect cable connection.◦ Host USB-C port does not support DisplayPort Alt Mode.◦ Display settings not configured.◦ Monitor input not selected correctly. | <ul style="list-style-type: none">◦ Ensure all display cables (HDMI/DP) are securely connected.◦ Verify your laptop's USB-C port supports DisplayPort Alt Mode.◦ Check your operating system's display settings.◦ Select the correct input source on your monitor. |
| Laptop not charging. | <ul style="list-style-type: none">◦ No external power adapter connected to the docking station.◦ Power adapter not powerful enough.◦ Host USB-C port does not support Power Delivery.◦ Power adapter not connected to the correct USB-C port on the dock. | <ul style="list-style-type: none">◦ Connect a compatible USB-C power adapter (up to 100W) to the docking station's PD port.◦ Ensure your power adapter meets the power requirements of your laptop.◦ Verify your laptop's USB-C port supports Power Delivery.◦ Ensure the power adapter is connected to the USB-C port labeled for Power Delivery, not the host connection. |

| Problem | Possible Cause | Solution |
|---|---|--|
| USB devices not recognized. | <ul style="list-style-type: none">◦ Device not properly connected.◦ Driver issue.◦ Insufficient power for high-power USB devices. | <ul style="list-style-type: none">◦ Reconnect the USB device.◦ Try a different USB port on the docking station.◦ Ensure your operating system drivers are up to date.◦ If using high-power devices, ensure an external power adapter is connected to the docking station. |
| Ethernet connection unstable/not working. | <ul style="list-style-type: none">◦ Loose Ethernet cable.◦ Network driver issue.◦ Router/modem problem. | <ul style="list-style-type: none">◦ Ensure the Ethernet cable is securely connected to both the docking station and your router/modem.◦ Check your network settings on your computer.◦ Restart your router/modem. |

SPECIFICATIONS

| | |
|-----------------|--|
| Model Name | i-tec C31FLAT2PDPRO |
| Host Connection | USB-C (Integrated Cable) |
| Video Outputs | 1x HDMI, 2x DisplayPort (Supports up to 3 external 4K displays) |
| USB Ports | 4x USB 3.2 Gen 1 Type-A (5 Gbps), 1x USB-C (Power Delivery) |
| Ethernet | 1x RJ45 Gigabit Ethernet (10/100/1000 Mbps) |
| Card Reader | SD Card Slot, Micro SD Card Slot |
| Audio | 1x 3.5mm Audio Jack (Combo) |
| Power Delivery | Up to 100W (via USB-C PD port, external adapter not included) |
| Dimensions | Approx. 50 x 50 x 28 cm |
| Weight | Approx. 300 g |
| Cable Length | Integrated USB-C cable, approx. 60 cm |
| Compatibility | Windows, macOS, Linux, ChromeOS (Requires USB-C port with DisplayPort Alt Mode and Power Delivery support) |





WARRANTY AND SUPPORT





i-tec products are designed for reliability and performance. For warranty information and technical support, please refer to the official i-tec website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

For the latest drivers, firmware updates, and detailed support resources, please visit www.i-tec.pro

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Product specifications are subject to change without notice.

Related Documents - C31FLAT2PDPRO

| | |
|---|---|
|  | <p>i-tec USB-C Intelligent Triple Display Docking Station + Power Delivery 100W - User Guide</p> <p>Explore the features and specifications of the i-tec USB-C Intelligent Triple Display Docking Station. This guide covers connectivity options, power delivery, and setup for expanding your workstation.</p> |
|  | <p>i-tec Thunderbolt™4 Triple Display Docking Station + Power Delivery 96W User Guide</p> <p>Comprehensive user guide for the i-tec Thunderbolt™4 Triple Display Docking Station. Discover its features, specifications, system requirements, and safety guidelines for connecting multiple displays and peripherals with 96W Power Delivery.</p> |
|  | <p>i-tec USB-C/Thunderbolt Triple Display Docking Station + Power Delivery User Guide</p> <p>Comprehensive user guide for the i-tec USB-C/Thunderbolt Triple Display Docking Station with Power Delivery (Model C31TRIPLEDOCKPDPRO), covering setup, specifications, connectivity, and troubleshooting.</p> |
|  | <p>i-tec Thunderbolt 3/USB-C Dual 4K Docking Station Quick Start Guide</p> <p>This guide provides comprehensive information on the i-tec Thunderbolt 3/USB-C Dual 4K Docking Station, including specifications, system requirements, installation steps for Windows and macOS, and usage instructions for display configurations.</p> |

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| <div data-bbox="124 107 300 349"><div></div><div>i-tec USB-C KVM Docking station for 3 Hosts, Dual Display + Power Delivery 100W</div><div></div><div><small>User guide • Bedienungsanleitung • Manual d'emploi Manuel de l'utilisateur • Manual de l'utilisateur Technische details • Technische details * 100W Power Delivery • 100W Power Delivery • 100W Power Delivery</small></div></div> | <div data-bbox="341 152 1437 181">i-tec USB-C KVM Docking Station for 3 Hosts C31KVMDOCKPDPRO Dual Display, 100W PD</div> <div data-bbox="341 192 1473 300"><p>Discover the i-tec USB-C KVM Docking Station (Model C31KVMDOCKPDPRO) for seamless multi-host connectivity, dual display support, and 100W Power Delivery. Enhance your workspace with advanced docking solutions from i-tec Technologies.</p></div> |
| <div data-bbox="124 414 311 656"><div></div><div>i-tec USB-C Intelligent 2 Display Docking Station + Power Delivery 100W</div><div></div><div><small>User guide • Bedienungsanleitung • Manual d'emploi Manuel de l'utilisateur • Manual de l'utilisateur Technische details • Technische details * 100W Power Delivery • 100W Power Delivery • 100W Power Delivery</small></div></div> | <div data-bbox="341 461 1302 528">i-tec USB-C Intelligent Dual Display Docking Station + 100W Power Delivery Model CAINTGDUAL4KDOCPD</div> <div data-bbox="341 539 1444 607"><p>Enhance your workspace with the i-tec USB-C Intelligent Dual Display Docking Station. Supports dual monitors, 100W Power Delivery, and extensive connectivity for laptops and computers.</p></div> |