Manuals+ — User Manuals Simplified.

i-tec C31TRIPLE4KDOCKPD
USB-C Triple Display
Docking Station

i-tec C31TRIPLE4KDOCKPD USB-C Triple Display Docking Station User Guide

Contents

i-tec C31TRIPLE4KDOCKPD USB-C Triple Display Docking Station

Specifications:

- Host device with DisplayPort 1.2 support:
  - 1 monitor – 1x DP or HDMI up to 4K/30Hz
  - 1 monitor – 1x DP or HDMI 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 DP + 1x DP + 1x HDMI up to 1x 1080p/60Hz + u to 2x 720p/60Hz*
- Host device with DisplayPort 1.4 support:
  - 1 monitor – 1x DP or HDMI 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 DP + 1x DP + 1x HDMI up to 3x 1080p/60Hz*
- Host device with DisplayPort 1.4 with DSC support:
  - 1 monitor – 1x DP or HDMI up to 4K/60Hz
  - 2 monitors – 1x DP + 1x HDMI up to 2x 4K/60Hz*
  - 3 monitors – 1x DP + 1x DP + 1x HDMI up to 3x 4K/30Hz*

Product Usage Instructions

Connecting the Docking Station:

1. Connect the power input (DC) and Ethernet cable to the corresponding ports on the back panel of the docking station.
2. Connect your monitors using the available HDMI and DisplayPort connections based on your desired display configuration.
3. Connect your peripherals such as USB devices to the USB ports on the front and back panels of the docking station.
4. Use the USB-C port to connect the docking station to your laptop with USB-C or Thunderbolt™ 3/4.

LED Indication:
The LED indicators on the front panel provide visual feedback on the status of the docking station.

Audio Connection:

Utilize the 3.5mm Audio combo connector for connecting headphones or speakers for audio output.

Support for Kensington Lock:
To enhance security, you can use a Kensington lock with the docking station.

FAQ:

- **Q: Do macOS devices support multi-monitor configurations?**

  A: macOS does not support Multi Stream Transport (MST) technology, causing connected monitors to display the same image.
- **Q: Do iPadOS and Android systems support multi-screen image transfer?**

  A: iPadOS and Android systems do not support multi-screen image transfer technology, only displaying mirrored screens on external monitors.
- **Q: Where can I find LAN drivers for Windows?**

  A: If you encounter issues with the LAN adapter, download LAN drivers from the Manuals, Drivers section on the manufacturer's website.
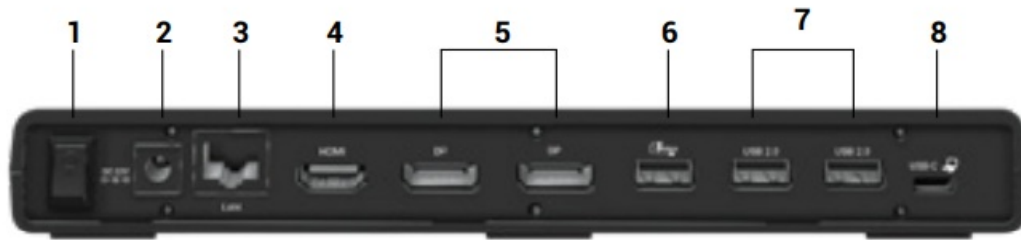
i- tec USB-C Triple Display Docking Station Gen 2
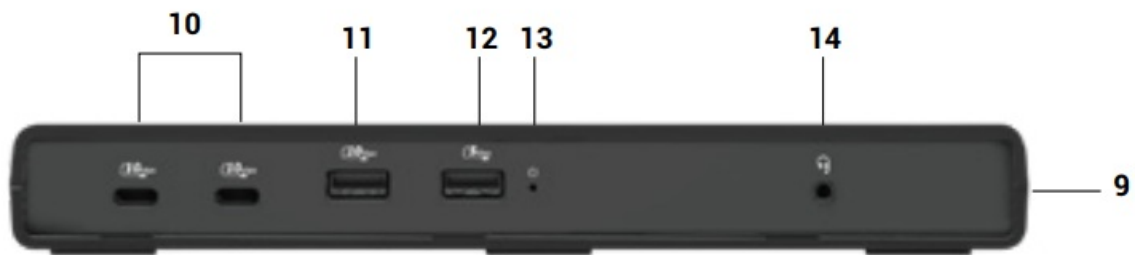+ Power Delivery 100W

User guide
Please read the entire instruction manual carefully. Detailed manual is available on our website **www.i-tec.cz/en/** in the tab „Manuals, drivers". In case of any issues, please contact our technical support at: **support@itecproduct.com**

DESCRIPTION

Back panel:

1. Power ON/OFF
2. 1. 1x power input (DC 22V/5.9A)
3. 1x Ethernet GLAN RJ-45 port
4. 1x HDMI
5. 2x DisplayPort
6. 1x USB-A 3.2 Gen1 port with fast charging support (BC 1.2)
7. 2x USB-A 2.0 port
8. 1x USB-C port for connection to a laptop with USB-C or ThunderboltTM 3/4

Front & Side Panel:

9. Support for Kensington lock
10. 2x USB-C 3.2 Gen2 port with fast charging support (BC 1.2) (data only)
11. 1x USB-A 3.2 Gen2 port with fast charging support (BC 1.2)
12. 1x USB-A 3.2 Gen1 port with fast charging support (BC 1.2)
13. LED indication
14. 3.5mm Audio combo connector

SPECIFICATIONS

- 1x USB-C port for connection to a laptop with USB-C or ThunderboltTM 3/4 (100 cm USB-C cable included)
- Docking Station Technology: USB-C (MST)
- Power Delivery: 100W
- Video ports:
  - 2x Display Port (DP++ supported)
  - 1x HDMI
- Resolution:
  - Host device with DisplayPort 1.2 support:
  - 1 monitor – 1x DP or HDMI   up to 4K/30Hz
  - 1 monitor – 1x DP or HDMI   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 DP + 1x DP + 1x HDMI   up to 1x 1080p/60Hz + up to 2x 720p/60Hz*
- Host device with DisplayPort 1.4 support:
- 1 monitor – 1x DP or HDMI   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 DP + 1x DP + 1x HDMI   up to 3x 1080p/60Hz*
- Host device with DisplayPort 1.4 with DSC support:
- 1 monitor – 1x DP or HDMI   up to 4K/60Hz
- 2 monitors – 1x DP + 1x HDMI   up to 2x 4K/60Hz*
- 3 monitors – 1x DP + 1x DP + 1x HDMI   up to 3x 4K/30Hz*
- 2x USB-C 3.2 Gen2 port with fast charging support (BC 1.2) (data only)
- 1x USB-A 3.2 Gen2 port with fast charging support (BC 1.2)
- 2x USB-A 3.2 Gen1 port with fast charging support (BC 1.2)
- 2x USB-A 2.0 port
- 1x Ethernet GLAN RJ-45 port (Realtek RTL8153)
- 1x 3.5mm Audio combo connector
- 1x power input (DC 22V/5.9A)
- MAC address cloning: yes (using i-tec Docker Pro software)
- VOL: S1, S2, S3
- ON/OFF switch to turn the docking station on and off
- LED indication
- Support for Kensington lock
- Support for VESA mounting
- USB-C cable (100 cm)
- OS: Windows 10/11, macOS, iPadOS, Android, Chrome OS and Linux with latest updates
- Product dimensions: 224 x 88 x 27 mm
- Product weight: 330 g
- Package dimensions: 250 x 250 x 50 mm
- Package weight: 503 g

Hardware requirements:

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

Requirements for the Power Delivery function:

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

Video output requirements:

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

Operating system:

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

* macOS does not support Multi Stream Transport (MST) technology. Connecting two monitors to a macOS station will cause both monitors to display the same image.
** iPadOS, Android systems do not support multi-screen image transfer technology or the expanded screen option. This means that only the mirrored screen will be displayed when connected to an external monitor. (Not valid for Android devices with DEX and Easy Projection extensions)

INSTALLING DRIVERS

Windows:

- Only if a problem is detected with the LAN adapter, for example:
- In case of outages, slow network and in case of poor or no LAN detection.
- You can download LAN drivers here in Manuals, Drivers section **https://i-tec.pro/en/produkt/c31triple4kdockpd-2/**

macOS:
No driver installation required

SAFETY INSTRUCTIONS FOR USING THE DOCKING STATION

- Do not expose to extreme temperatures and humidity.
- Use the device on flat pads to avoid slipping and falling on the ground.
- Keep the drivers and manual for later use.
- Avoid straining the USB-C port or cable.
- Restart the product periodically using the ON/OFF button or by removing it from the power supply. By switching off the ON/OFF switch or by switching off the power supply.
- Do not plug USB-C PD adapters into USB-C ports that are not marked as ports to connect USB-C PD power adapter.
- It is recommended that you switch off the docking station at the end of the day.

In cooperation with the service department:

- Check functionality after falling into water or on the ground.
- Verify functionality when the cover is cracked.
- Complain about the device not working according to the manual.

FREQUENTLY ASKED QUESTIONS
Available on our website **www-i-tec.pro** under "FAQ" for this product

GLOSSARY OF TERMS

- Interface / port / connector / input / slot – the place where two devices are physically connected.
- Controller – a semiconductor component (called a chipset) in a notebook/tablet that ensures the operation of one of the ports.

- Thunderbolt™ – is a fast hardware interface that allows you to connect devices (peripherals) to your computer via an expansion bus. Thunderbolt combines PCI-Express and DisplayPort into a serial
- data interface. It allows daisy chaining of up to 6 additional Thunderbolt™ devices, with Thunderbolt™ 3/4 transfer rates of up to 40Gbit/s.
- USB-C / USB Type-C / USB4 / Thunderbolt™ 3/4 – is a symmetrical connector Allows faster charging, power, dual-role (not only host, but also guest), support for alternative modes – Alt Mode (DisplayPort, MHL, Thunderbolt 3, Power Delivery) and error notification via Billboard device.
- USB-C Power Delivery (USB-C PD) – an optional feature of the USB-C connector. A connector with this support can both charge and be charged, and supports loads from 10W to 240W
- USB 3.2 / 3.1 / 3.0 / 2.0 – standard for USB interface/port for connecting various USB devices. Various USB devices can be connected to the docking station or adapter using USB Type-A interface. The
- USB Type B port is used to connect the docking station or adapter to a laptop/tablet.
- HDMI / Display Port – A standard for a digital graphics interface/port used to connect monitors andother graphic display devices.
- LAN (Local Area Network) – a local computer network, now the most common is the so-called Ethernet, which at the docking station reaches a theoretical transfer rate of up to 2.5 Gbit/s .
- Audio – a term for an audio input (microphone) or output device (headphones/speakers).

EUROPEAN UNION ONLY

NOTE: MARKING IS IN COMPLIANCE WITH EU WEEE DIRECTIVE

This equipment is marked with the above recycling symbol. It means that at the end of the life of the equipment you must dispose of it separately at an appropriate collection point and not place it in the normal domestic unsorted waste stream. This wil benefit the environment for all. (European Union only)

EU Declaration of Conformity

- Manufacturer, Der Hersteller,
- declares that this product
- Product,
- Model
- Determination,

We declare under our sole responsibility that the above named product is in conformity with the following European Union directives:

EC Directive 2014/30/EU,

EN 55032:2015+A11:2020+A1:2020; EN 55035:2017+A11:2020;

Ostrava 15. 01. 2024

Executive Name and Signature,

FCC COMPLIANCE STATEMENT

This equipment has been tested and found to comply within the limits of a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

Documents / Resources

i-tec C31TRIPLE4KDOCKPD USB-C Triple Display Docking Station [pdf] User Guide
C31TRIPLE4KDOCKPD, C31TRIPLE4KDOCKPD USB-C Triple Display Docking Station, USB-C Triple Display Docking Station, Triple Display Docking Station, Display Docking Station, Docking Station, Station

References

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