



IDATA USB2C-2C8K Type C Full Feature Bi Directional Switch



TECHly IDATA USB2C-2C8K Type C Full Feature Bi Directional Switch User Manual

[Home](#) » [TECHly](#) » **TECHly IDATA USB2C-2C8K Type C Full Feature Bi Directional Switch User Manual** 

Contents

- [1 TECHly IDATA USB2C-2C8K Type C Full Feature Bi Directional Switch](#)
- [2 SPECIFICATIONS](#)
- [3 PRODUCT INFORMATION](#)
- [4 FEATURES](#)
- [5 SPECIFICATIONS](#)
- [6 PACKAGE CONTENTS](#)
- [7 CONNECTION DIAGRAM](#)
- [8 Warranty](#)
- [9 MORE INFO](#)
- [10 FAQs](#)
- [11 Documents / Resources](#)
 - [11.1 References](#)



TECHly IDATA USB2C-2C8K Type C Full Feature Bi Directional Switch



SPECIFICATIONS

- **Input/Output Connector:**
 - **Input:**
 - Type-CTM Male x1 (SR/SR 50CM, full feature)
 - Type-CTM Female x1 (For 5V power supply)
 - **Output:**
 - Type-CTM Female x2 (full feature)
- **Physical:**
 - **Weight:** 61g
 - **Size:** Main subject: 55*55*15 (mm), Fixed Type-CTM cable: 50CM (SR/SR)
- **Environmental:**
 - **Operating Temperature:** Normal operating range
 - **Operating Humidity:** 10% to 90% RH (no condensation)
 - **Storage Temperature:** Normal storage range
 - **Storage Humidity:** 10% to 90% RH (no condensation)
- **Power Supply:**
 - Type-CTM Female x1 (For 5V power supply)
 - 5V@20mA

PRODUCT INFORMATION

TYPE-C™ FULL-FEATURE BI-DIRECTIONAL SWITCH FOR 8K

Dear Customer

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or using this product. Please keep this manual for future reference.

IMPORTANT SAFETY INSTRUCTIONS

INTENDED USE



We do not permit using the device in other ways like described in this user's manual. Use the product only in dry interior rooms. Not attending to these regulations and safety instruction might cause fatal accidents, injuries, and damages to persons and property. The manufacturer/supplier assumes no liability for damages caused by failure to comply with the intended use.



To reduce risk of electric shock, this product should ONLY be opened by an authorized technician when service is required. Disconnect the product from mains and other equipment if a problem should occur. Do not expose the product to water or moisture.

- Your product is not a toy and is not meant for children, because it contains small parts which can be swallowed and can injure when used inappropriately!
- Please install the system and devices attached to it in a way that persons cannot be injured, or objects not be damaged for example by dropping or stumbling.
- Please remove the packing materials, because children may cut themselves on them while playing. Furthermore, there is a risk of swallowing and inhalation of incidentals and insulating material.
- Avoid places with high temperatures or humidity, or places which might come into contact with water. Do not install the product close to openings of air conditioners, or at places with an excessive amount of dust or smoke. Keeps distance from flammable and explosive devices.
- Do not install the product at places subject to vibration, or oscillation.
- Do not modify and alter the product and any accessories! Do not use any damaged parts.
- Keep enough space around all devices for a good ventilation and free motion and to avoid damages.
- Keep this product away from strong static and magnetic environment.

INTRODUCTION

This is Type-C™ Full Feature Bi-directional Switch for 8K. It can switch either of two sources to one display or switch one source to either of two displays. Press the switch button to select channel 1 or channel 2. With a piece of 50cm length fixed Type-C™ cable (pigtail), this Switch not only reduces cost but also saves time for customers. This kind of Type-C™ Switcher supports ultra-high definition video (in multiple resolutions and up to 8K), or max 10Gbps data transmission, or PD3.0 max 100W PD charging. It can work on all Type-C™ host, compatible with Thunderbolt devices.

FEATURES

- Type-C™ full feature bidirectional switch, it can switch either of two sources to one display or switch one source to either of two displays
- Support DP1.4 with max 32.4Gbps bandwidth, and backward compatible with lower versions
- Support USB3.2 gen2 specification with max 10Gbps band width and backward compatible with lower versions
- Support video resolution up to 8K/60Hz(DSC) or 4K/120Hz
- Support max 8K video output or 10G data transmission or PD3.0 max 100W Charging
- HDCP pass-through
- Support uncompressed audio and compressed audio
- The toggle button can quickly switch between 2 video sources or 2 monitors, and the blue LED indicators on both sides indicate which port is chosen to work.
- Type-C™ 5V power supply port supports DC 5V power in. The product can work only after it is connected to 5V power in (≥5V@20mA).
- It's suggested to match a full featured Type-C™ cable (supporting DP1.4& USB3.2 Gen2& max 5A current) whose length is better within 1m, over this length the signal may be affected.

SPECIFICATIONS

INPUT/OUTPUT CONNECTOR	
Input	Type-C™ Male x1 (SR/SR 50CM, full feature) Type-C™ Female x1 (For 5V power supply)
Output	Type-C™ Female x2 (full feature)
PHYSICAL	
Weight	61g
Size	Main subject: 55*55*15 (mm) Fixed Type-C™ cable: 50CM (SR/SR)
ENVIRONMENTAL	
Operating Temperature	0°C to +45°C
Operating Humidity	10% to 90% RH (no condensation)
Storage Temperature	-10°C to +70°C
Storage Humidity	10% to 90% RH (no condensation)
POWER SUPPLY	
Type-C™ Female x1 (For 5V power supply)	≥5V@20mA

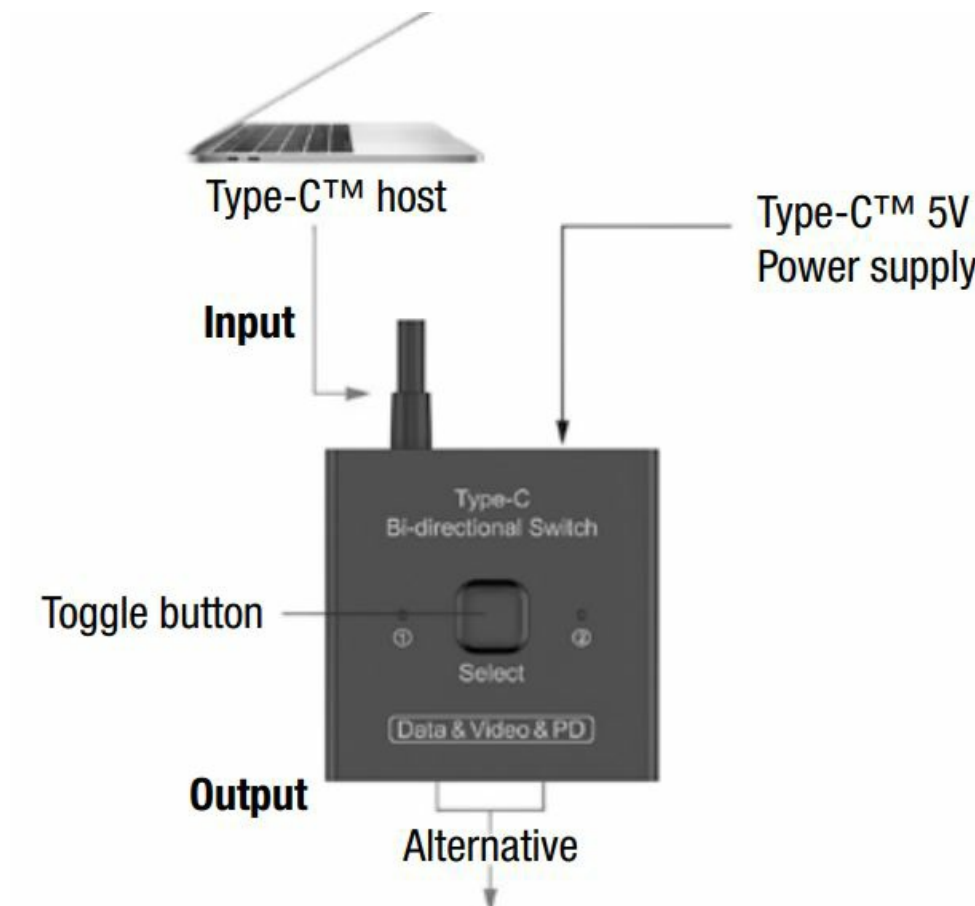
PACKAGE CONTENTS

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

- Main unit x1

CONNECTION DIAGRAM

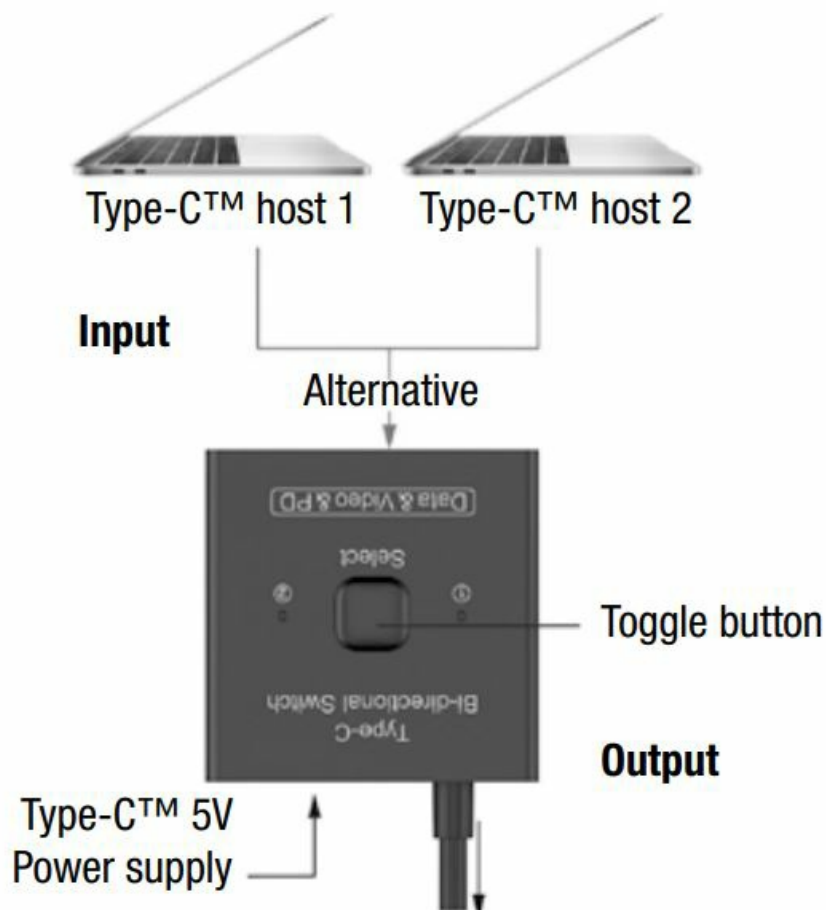
OPTION 1



Type-C™ Display: Max 8K or 10G or PDF max 100W



OPTION 2



Type-C™ Display: Max 8K or 10G or PDF max 100W




Maintenance:

Clean only with a dry cloth. Do not use cleaning solvents or abrasives.

Warranty

- No guarantee or liability can be accepted for any changes and modifications of the product or damage caused due to incorrect use of this product.



-  In compliance with EU Directive WEEE this product is marked with this symbol. It means that used electrical and electronic products should not be mixed with general household waste.
- There is a separate collections system for these products in compliance with WEEE directive, otherwise contaminative and hazardous substances can pollute the environment.



- With the CE sign, Techly® ensures that the product conforms to the basic European standards and directives.
- We also declare the product's compliance with the minimum requirements expressed in Chapter II of EU Regulation 2023/988 (GSPR) relating to general product safety.

MORE INFO

- WWW.TECHLY.COM.
- SCAN for MORE PRODUCT INFO



FAQs

Q: Can I use this product outdoors?

A: No, the product should only be used in dry interior rooms as stated in the manual to ensure safety and performance.

Q: What should I do if there is a problem with the product?

A: In case of any issues, disconnect the product from mains and other equipment and contact an authorized technician for assistance.

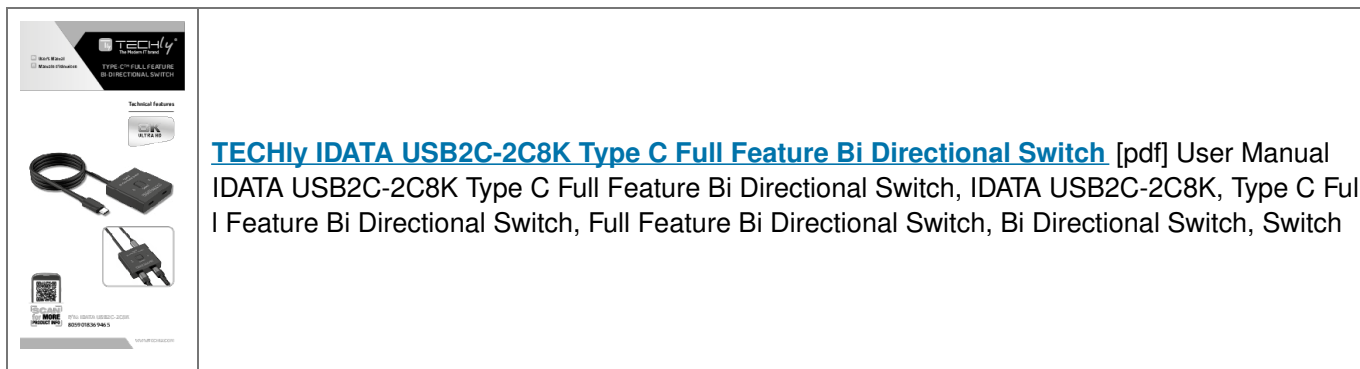
Q: What is the power supply requirement for this product?

A: The product requires a 5V power supply with a current of 20mA.

Q: Can I open the product for maintenance?

A: The product should **ONLY** be opened by an authorized technician when service is required to reduce the risk of electric shock.

Documents / Resources



[TECHly IDATA USB2C-2C8K Type C Full Feature Bi Directional Switch](#) [pdf] User Manual
IDATA USB2C-2C8K Type C Full Feature Bi Directional Switch, IDATA USB2C-2C8K, Type C Full
Feature Bi Directional Switch, Full Feature Bi Directional Switch, Bi Directional Switch, Switch

References

- [TV Brackets, Audio Video HDMI, Networking | TECHLY](#)
- [User Manual](#)

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