

# Owner's Manual

## **4-Port Presentation Switch, 4K 60 Hz (4:4:4) HDMI, DP, USB-C and 1080p VGA to HDMI with Built-In Cables**

**Model: B321-4X1-HDVC**

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## Package Contents

- B321-4X1-HDVC 4-Port Presentation Switch
- Owner's Manual

## Optional Accessories

- U420-Series USB 3.1 Gen 1 or Gen 2 USB-C Cables
- U038-Series USB-A to USB-C Cables

## Product Features

- Connects up to 4 sources to a single HDMI display with the built-in 8 ft. cable
- Switches between 4 sources using the front-panel push button
- Supports HDMI, DisplayPort, USB-C and VGA video formats
  - o HDMI: HDMI 2.0, HDCP 1.4/2.2, HDR, up to 4096 x 2160 @ 60 Hz (4:4:4)
  - o DisplayPort: DisplayPort 1.2a, up to 4096 x 2160 @ 60 Hz (4:4:4)
  - o USB-C: USB 3.1 Gen 1, 90W PD 3.0 Charging, up to 4096 x 2160 @ 60 Hz (4:4:4)
  - o VGA: up to 1920 x 1080 @ 60 Hz

## Product Features

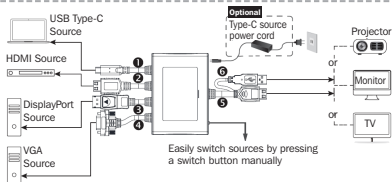
- Green and orange LED indicators signal active input and power
- Supports 3D and EDID
- Built-in USB-C PD 3.0 cable supports up to 100W (20V 5A) and provides 90W of charging power to the USB-C source\*
- Plug-and-play operation with no software required for easy, immediate installation

\*10W is reserved for the functionality of the USB Type-C chipset system.

# Installation

## B321-4X1-HDVC

- ❶ Up to 1 ft. (0.3 m) USB Type-C pigtail at 4K @ 60 Hz
- ❷ Up to 1 ft. (0.3 m) HDMI pigtail at 4K @ 60 Hz
- ❸ Up to 1 ft. (0.3 m) DisplayPort pigtail at 4K @ 60 Hz
- ❹ Up to 1 ft. (0.3 m) VGA pigtail at 1080p @ 60 Hz
- ❺ Up to 8 ft. (2.4 m) HDMI pigtail at 4K @ 60 Hz
- ❻ Up to 3 ft. (0.9 m) Power USB cable at 4K @ 60 Hz



## Specifications

|                             |                                                                                      |
|-----------------------------|--------------------------------------------------------------------------------------|
| Input Connections (Male)    | HDMI, DisplayPort, USB-C, VGA                                                        |
| Output Connections          | HDMI (Male), USB-A (Male), USB-C (Female)                                            |
| Maximum Resolution          | HDMI, DisplayPort, USB-C:<br>4096 x 2160 @ 60 Hz (4:4:4)<br>VGA: 1920 x 1080 @ 60 Hz |
| Unit Dimensions (H x W x D) | 4.25 x 3 x 0.9 in. /<br>10.8 x 7.5 x 2.4 cm                                          |
| Unit Weight                 | 0.77 lb. / 0.35 kg                                                                   |
| Operating Temperature       | 32° to 104°F / 0° to 40°C                                                            |
| Storage Temperature         | 5° to 122°F / -15° to 50°C                                                           |
| Relative Humidity           | 0 to 85%, Non-Condensing                                                             |
| PD 3.0 Charging             | 20V 5A (90W)                                                                         |



## **Warranty and Product Registration**

### **1-Year Limited Warranty**

Seller warrants this product, if used in accordance with all applicable instructions, to be free from original defects in material and workmanship for a period of one (1) year from the date of initial purchase. If the product should prove defective in material or workmanship within that period, Seller will repair or replace the product, at its sole discretion.

THIS WARRANTY DOES NOT APPLY TO NORMAL WEAR OR TO DAMAGE RESULTING FROM ACCIDENT, MISUSE, ABUSE OR NEGLIGENCE. SELLER MAKES NO EXPRESS WARRANTIES OTHER THAN THE WARRANTY EXPRESSLY SET FORTH HEREIN. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ALL IMPLIED WARRANTIES, INCLUDING ALL WARRANTIES OF MERCHANTABILITY OR FITNESS, ARE LIMITED IN DURATION TO THE WARRANTY PERIOD SET FORTH ABOVE; AND THIS WARRANTY EXPRESSLY EXCLUDES ALL INCIDENTAL AND CONSEQUENTIAL DAMAGES. (Some states do not allow limitations on how long an implied warranty lasts, and some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from jurisdiction to jurisdiction.)

**WARNING:** The individual user should take care to determine prior to use whether this device is suitable, adequate or safe for the use intended. Since individual applications are subject to great variation, the manufacturer makes no representation or warranty as to the suitability or fitness of these devices for any specific application.

## Warranty and Product Registration

### Product Registration

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Under the Waste Electrical and Electronic Equipment (WEEE) Directive and implementing regulations, when customers buy new electrical and electronic equipment from Tripp Lite, they are entitled to:

- Send old equipment for recycling on a one-for-one, like-for-like basis (this varies depending on the country)
- Send the new equipment back for recycling when this ultimately becomes waste

Use of this equipment in life support applications where failure of this equipment can reasonably be expected to cause the failure of the life support equipment or to significantly affect its safety or effectiveness is not recommended.

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