

SI-452TB4 Thunderbolt™ 4 KVM Dock Specification



Revision Notice

R.1.0 2020.09.17

Initial release.

TABLE OF CONTENTS

1. Appearance.....	4
2. Specification	4
3. Features.....	4
4. Operating System Support	5
5. Block Diagram	5
6. Power & Accessories.....	5

1. Appearance



2. Specification

2.1 IC Controllers

- A. 2 x Thunderbolt™4 40Gbps (upstream)
- B. 3 x Thunderbolt™4 40Gbps (downstream)
- C. 4 x USB3.2 10Gbps USB-A

3. Features

Material: High-quality Aluminum + High-strength ABS+PC plastic

Dimensions: 165.0 x 71.60x 17.0 mm (Not contained button)

- A. Compact size.
- B. Supports 2x thunderbolt3 40Gbps.
- C. **KVM mode can connect 2x computers and switch between PC1 or PC2.**
- D. Supports DisplayPort1.4 up to 8K@60Hz(DSC1.2 enable), 5K@60Hz output(needs TBT3 to DP dongle or USB-C to DP dongle).
- E. Backward compatible with USB-C computers.
- F. USB3.1 type A supports 10Gbps and BC1.2 5V@2.4A charge for iPad, cell phone.
- G. Supports PD3.0 85W charging.
- H. Be compatible with Thunderbolt™3 and legacy USB host.

4. Operating System Support

- A. Mac OS X 10.14.4 and future releases
- B. Windows 10 ,11 and future releases

5. Power & Accessories

- I. External universal Power adaptor (120W)
- J. Thunderbolt™4 40G cable (optional)
- K. Retail Color Box