Manuals+ — User Manuals Simplified.

TRIPP-LITE B002-DP2A2-N4 Secure KVM Switch 2-Port Dual Head DisplayPort to DisplayPort User Manual

Contents

TRIPP-LITE B002-DP2A2-N4 Secure KVM Switch 2-Port Dual Head DisplayPort to DisplayPort User

Secure KVM Switch, 2-Port, Dual Head, DisplayPort to DisplayPort, 4K, NIAP PP4.0, Audio, TAA

MODEL NUMBER: B002-DP2A2-N4

Features

2-Port DisplayPort KVM Switch Is Ideal for Applications That Demand Secure Networks This KVM switch is recommended for any government, military, finance, education or healthcare environment where tight security of sensitive data is of utmost importance in a world of constantly changing cyberthreats. Each KVM port is an electronically isolated channel, making it impossible for data to be transferred between connected computers through the KVM, even when the computers are of different security levels. The dual-monitor switch supports crystal-clear Ultra HD video resolutions up to 3840 x 2160 (4K x 2K) at 30 Hz.

NIAP PP4.0 Certified to Meet Today's Top Information Assurance Standards

This KVM switch is certified by NIAP (National Information Assurance Partnership), which is operated by the National Security Agency (NSA), to the latest Common Criteria Protection Profile for Peripheral Sharing Switches Version 4.0. Discrete processing paths to each connected system prevent data leakage, transfer and crosstalk between adjacent ports. Peripheral isolation enables data to flow from device to host only.

Top-of-the-Line Security Features Keep Your Data Safe
Special protection prevents re-programming of firmware, so the switch's KVM logic remains unaltered. The keyboard buffer clears automatically after data transmission, ensuring no information is left stored. Plus, you can only access connected computers via buttons on the switch's panel. Other port-switching\ methods, such as on-screen display (OSD) and hotkey commands, have been excluded to further ensure data integrity.

Anti-Tampering Protection Prevents Physical Breeches
If the housing is opened, internal anti-tamper switches will disable the unit, causing it to become inoperable and the front-panel LEDs to flash repeatedly. Seals on the enclosure will provide visual evidence of tampering.

Highlights

- Safely and securely switches between 2 isolated computers with different security levels
- Ideal for applications where tight security of sensitive data is vitally important
- Certified to NIAP/Common Criteria Protection Profile for Peripheral Sharing Switches v4.0
- Supports UHD resolutions up to 4K @ 30 Hz for crystal-clear video
- Complies with Federal Trade Agreements Act (TAA) for GSA Schedule purchases

System Requirements

- DisplayPort monitors
- Wired USB mouse/keyboard with no internal hub or composite device functions (wireless mouse/keyboard not supported)
- Computer with DisplayPort and USB ports
- Computer and speakers with 3.5 mm stereo audio port (optional)
- Any major operating system

Package Includes

- B002-DP2A2-N4 2-Port Dual- Monitor NIAP PP4.0-Certified DisplayPort KVM Switch
- External power supply w/ NEMA 1-15P plug (Input: 100–240V, 50/60 Hz, 1.3A; Output: 12V 3A). Includes 4 interchangeable power supply heads (US, UK, EU & Australia)
- Owner's manual

Maintains Constant Keyboard and Mouse Emulation for Smooth No-Delay Switching

Full USB device filtering ensures support for keyboard and mouse only — no flash drives allowed. This KVM switch also supports secure video emulation and EDID learning, which prevents unwanted data from transmitting through the DDC lines. Both keyboard/mouse and video emulation controllers restrict discovery of newly connected peripherals or monitors during switching operations, shielding your computers from potential vulnerabilities.

Accessory Cable Kits – P783-006-DP and P783-010-DP

Tripp Lite's P783-006-DP and P783-010-DP KVM cable kits (sold separately) help eliminate unnecessary clutter and save you money by combining cables into one convenient kit. These cables comply with HDCP 2.2 and DisplayPort 1.2 standards and support USB 2.0 speeds up to 480 Mbps.

TAA-Compliant for GSA Schedule Purchases

The B002-DP2A2-N4 is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

Specifications

OVERVIEW	
UPC Code	037332274267
Technology	DisplayPort
VIDEO	
Max Supported Video Resolution	3840 x 2160 @ 30Hz
Max Supported Color Depth	36-bit Deep Color
Chroma Sub Sampling	4:4:4
AUDIO	
Audio Specification	Input: (2) Connector stereo 3.5 mm female Output: (1) Connector stereo 3.5 mm female
INPUT	
Voltage Compatibility (VAC)	100; 110; 125; 127; 200; 208; 220; 230; 240
Input Frequency	50/60Hz
Redundancy – Dual Power Inputs	No
Bus Powered	No
POWER	
External Power Supply Input Specs (V / Hz / A)	100-240V / 50/60Hz / 1.3A
External Power Supply Output Specs (V / A)	12V / 3A
External Power Supply Cord Length (ft.)	5
External Power Supply Cord Length (m.)	1.5

External Power Supply Plug(s)	AS/NZS 3112 Australia; BS 1363 UK; CEE 7/7 Schuko; NEMA 1-15P North America

USER INTERFACE, ALERTS & CONTROLS

LED Indicators	(x2) GREEN / PORT SELECTION/ EDID (PUSH-BUTTON), (x2) GREEN / VIDEO CONSOLE

PHYSICAL

Color	Black
Material of Construction	Metal
Rackmountable	No
Shipping Dimensions (hwd / in.)	3.90 x 9.30 x 12.00
Shipping Dimensions (hwd / cm)	9.91 x 23.62 x 30.48
Shipping Weight (lbs.)	4.41
Shipping Weight (kg)	2.00
Unit Dimensions (hwd / cm)	22.3 x 6.6 x 16.9
Unit Packaging Type	Box
Unit Weight (lbs.)	3.85
Unit Weight (kg)	1.75

ENVIRONMENTAL

Operating Temperature Range	32 to 104 F (0 to 40 C)
Storage Temperature Range	4 to 140 F (-20 to 60 C)
Relative Humidity	0% to 80%, Non-Condensing

COMMUNICATIONS

IP Remote Access	No

CONNECTIONS

Number of Ports	2
PC/Server Connections	DisplayPort; USB
Side A – Connector 1	3.5MM (FEMALE)
Side A – Connector 2	(2) DISPLAYPORT (FEMALE)
Side A – Connector 3	(2) USB A (FEMALE)
Side B – Connector 1	(2) 3.5MM (FEMALE)
Side B – Connector 2	(4) DISPLAYPORT (FEMALE)

Side B – Connector 3	(2) USB B (FEMALE)
Computer Keyboard and Mouse Interface	USB
Computer Monitor Interface	Displayport

Console Keyboard and Mouse Interface	USB
Console Monitor Interface	Displayport
FEATURES & SPECIFICATIONS	
Number of Users	1
NIAP-Certified Secure	Yes
On-Screen Display (OSD)	No
Port Selection	Pushbutton
Displayport Specification	1.2
HDCP Specification	2.2
USB Specification	USB 1.1 (up to 12 Mbps)
Driver Required	No
Cat5 KVM Switch	No
Common Access Card (CAC) Support	No
REMOTE ACCESS	
Modem Port	No
STANDARDS & COMPLIANCE	
External Power Supply Certifications	CE; UKCA; cUL
Product Certifications	NOM (Mexico)
Product Compliance	NIAP PP4.0; RoHS; CE (Europe); UKCA; FCC (USA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

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not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice.
Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies:
https://www.tripplite.com/products/product-certification-agencies

Documents / Resources

	TRIPP-LITE B002-DP2A2-N4 Secure KVM Switch 2-Port Dual Head DisplayPort to Display Port [pdf] User Manual B002-DP2A2-N4 Secure KVM Switch 2-Port Dual Head DisplayPort to DisplayPort, B002-DP2A 2-N4, Secure KVM Switch 2-Port Dual Head DisplayPort to DisplayPort, Secure KVM Switch, K VM Switch, Switch
	TRIPP-LITE B002-DP2A2-N4 Secure KVM Switch [pdf] Owner's Manual B002-DP1A2-N4, B002-DP2A2-N4, B002-DP1A4-N4, B002-DP2A4-N4, B002-H1A2-N4, B002-H2A2-N4, B002-H1A4-N4, B002-H2A4-N4, B002-HD1A2-N4, B002-HD2A2-N4, B002-HD1A4-N4, B002-HD2A4-N4, B002-DV1A2-N4, B002-DV2A2-N4, B002-DV1A4-N4, B002-DV2A4-N4., B002-DP2A2-N4 Secure KVM Switch, Secure KVM Switch, KVM Switch

References

- **Eaton - Power and Connectivity Solutions**
- **Help Center | Eaton**
- **Product Registration | Eaton**
- **Product Certification Agencies | Eaton**