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TRIPP LITE B095-003-1E-M 3 Port Console Server

# TRIPP LITE B095-003-1E-M 3 Port Console Server User Manual

**Contents**

**TRIPP LITE B095-003-1E-M 3 Port Console Server**

**Specifications:**

- **Model Number:** B095-003-1E-M
- **Features**: Built-In Modem, GbE NIC, 2 Gb Flash
- **Connectivity**: Three RJ45 ports, USB 2.0 port
- **Security Features:** FIPS 140-2, SSL, SSH, OpenVPN, IPSec VPN
- **Power Support:** Powerman PDU, UPS support

## Product Usage Instructions

1. **Simple and Flexible Accessibility:**
   Use standard Cat5e/6 patch cables to connect to Cisco devices. Integrate with directory servers using TACACS+, RADIUS, LDAP, and Kerberos authentication. Utilize the 2 Gb internal USB flash memory for log and file storage.

2. **Built-In Modem for Out-of-Band Access:**
   Enable out-of-band access with the serial data/fax modem for remote sites experiencing network outages. Dial into the console from anywhere at any time without needing additional USB modems.

3. **Router/Gateway Functionality:**
   Port forward to multiple locally networked hosts, utilize built-in stateful firewall, and embedded DHCP server for separate management LAN hosting.

4. **Security Measures:**
   Utilize FIPS 140-2, SSL, SSH, OpenVPN, and IPSec VPN for utmost data security. Embedded FIPS 140-2 OpenSSL cryptographic module ensures data privacy.

5. **Power Management Support:**
   Support PowerMan for PDU and RPC management, and Network UPS Tools for UPS monitoring and management. Remotely manage power to connected equipment.

6. **USB Port Connectivity:**
   Connect to devices with USB console ports using the USB 2.0 port. Compatible with Tripp Lite's PDUs and UPS systems with remote management cards.

**MODEL NUMBER:** B095-003-1E-M



IP terminal server lets you securely monitor, access and control switches, firewalls and other devices in your data center.

## Features

- **3-Port IP Console Server Accesses**

  Your Serial and Network Devices from Anywhere 24/7The B095-003-1E-M provides secure in-band (primary network) and out-of-band (alternate channel) remote access to serial- and network-connected routers, servers, network switches, firewalls, UPS systems, PDUs and other devices. You can use it in a wide variety of locations, including data centers, wiring closets, branch offices, point-of-sale and other remote sites where quick resolution of network issues is imperative.

- **Simple and Flexible Accessibility**

  Three RJ45 ports are configured to use standard Cat5e/6 patch cable when connecting to Cisco devices. They integrate with industry-standard directory servers using TACACS+, RADIUS, LDAP and Kerberos authentication. Two Gb of internal USB flash memory can be used for log storage and file storage.

- **Built-In Modem for Out-of-Band Access**

  A serial data/fax modem enables out-of-band (alternate channel) access when remote sites experience a network outage. You can dial into the console from anywhere at any time, eliminating the costly need for additional USB modems that can be accidentally disconnected or have compatibility issues.

- **Router/Gateway**

  Each gateway can port forward to an unlimited number of locally networked hosts (computers, routers). This console also includes a built-in stateful firewall and embedded DHCP server to host a separate management LAN for critical traffic.

- **The Utmost in Security to Keep Your Sensitive Data Private**

  This IP serial server supports the following security features and standards: FIPS 140-2, SSL and SSH, stateful firewall, OpenVPN and IPSec VPN. The embedded FIPS 140-2 OpenSSL cryptographic module is validated to meet FIPS 140-2 standards and has received Certificate #1050.

- **PowerMan PDU and UPS Support**

This IP terminal server uses PowerMan for PDU and RPC management and Network UPS Tools for UPS system monitoring and management. It provides support for Tripp Lite and other power products, so you can remotely manage power to your connected equipment.

- **USB Port**

  A USB 2.0 port allows connection to newer devices with USB console ports, such as Tripp Lite's wide variety of PDUs and UPS systems with WEBCARDLX or other LX Platform remote management cards.

- **Compact Design for Convenient Desktop Installation**

  The heavy-duty steel housing comes with an external power supply, including a NEMA 1-15P plug and three international plug adapters (Europe, U.K., Australia).

- **TAA-Compliant for GSA Schedule Purchases**

  The B095-003-1E-M 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 | 037332154958 |
| **INPUT** | |
| AC Power Adapter Plug(s) | AS/NZS 3112 Australia; BS 1363 UK; CEE 7/16 Schuko; NEMA 1-15P North America |
| AC Power Adapter Input Specs (V / Hz / A) | 100-240V / 47/63Hz / 0.4A |
| AC Power Adapter Output Specs (V / A) | 12V / 1.25A |
| AC Power Adapter Cord Length (ft.) | 6.0 |
| Maximum Input Amps | 0.3 |
| Voltage Compatibility (VAC) | 100; 110; 120; 127; 200; 208; 220; 230; 240 |
| **POWER** | |
| Power Consumption (Watts) | 6 |

## CONNECTIONS

| | |
|---|---|
| Number of Ports | 3 |
| Side A – Connector 1 | USB A (FEMALE) |
| Side A – Connector 2 | RJ45 (FEMALE) |
| Side A – Connector 3 | RJ11 (FEMALE) |
| Side B – Connector 1 | (3) RJ45 (FEMALE) |

## PHYSICAL

| | |
|---|---|
| Color | Black |
| Rackmountable | Yes |
| Shipping Dimensions (hwd / in.) | 2.80 x 6.60 x 11.50 |
| Shipping Dimensions (hwd / cm) | 7.11 x 16.76 x 29.21 |
| Shipping Weight (lbs.) | 2.20 |
| Shipping Weight (kg) | 1.00 |
| Unit Dimensions (hwd / in.) | 1.125 x 3.500 x 4.000 |

| | |
|---|---|
| Unit Weight (lbs.) | 0.75 |
| Unit Weight (kg) | 0.34 |

## ENVIRONMENTAL

| | |
|---|---|
| Operating Temperature Range | 41 to 122 F (5 to 50 C) |
| Storage Temperature Range | -22 to 140 F (-30 to 60 C) |
| Relative Humidity | 5% to 90% RH, Non-Condensing |
| BTUs | 120V: 21 BTU/hr |

## COMMUNICATIONS

| | |
|---|---|
| IP Remote Access | Yes |
| Network Compatibility | 100 Mbps (Fast Ethernet) |

## FEATURES & SPECIFICATIONS

| | |
|---|---|
| Port Selection | GUI |
| Driver Required | No |
| Authentication Supported | LDAP; RADIUS; TACACS |

## REMOTE ACCESS

| | |
|---|---|
| Modem Port | Yes |

## WARRANTY & SUPPORT

| | |
|---|---|
| Product Warranty Period (Worldwide) | 4-year limited warranty |

## Highlights

- Manage routers, UPS systems and other serial-based equipment from anywhere 24/7
- Validated to meet FIPS 140-2 standards to ensure utmost protection of private data
- Advanced authentication with LDAP, RADIUS, TACACS+ and Kerberos servers
- Designed for standard Cat5e/6 patch cable when connecting to Cisco devices

- USB port connects to PDUs and UPS systems with remote management abilities

## Applications

- Securely access and control servers, routers, KVM switches and other serial-connected devices in your data center 24/7
- Manage diverse server and device platforms using a network connection
- Oversee IT infrastructure remotely via network connection
- Troubleshoot equipment issues without spending time/money traveling to remote locations

## Package Includes

- B095-003-1E-M 3-Port IP Serial Server with USB
- (2) Cat5 UTP patch cables
- DB9 to RJ45 straight connector DB9 to RJ45 crossover connector
- External power supply w/NEMA 1-15P plug (Input: 100–240V, 47/63 Hz, 0.4A; Output: 12V 1.25A)
- (3) International plug adapters (Europe, U.K., Australia)
- CD with owner's manual
- Quick Start Guide

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## FAQ

**Q: What devices can be connected to the IP terminal server?**
A: You can securely monitor, access, and control switches, firewalls, servers, routers, KVM switches, and other serial-connected devices in your data center.

**Q: What authentication methods are supported?**
A: The IP terminal server supports advanced authentication methods including LDAP, RADIUS, TACACS+, and Kerberos servers.

**Q: How is the product powered?**
A: The product comes with an external power supply that includes a NEMA 1-15P plug and three international plug adapters for convenient desktop installation.

## Documents / Resources

**TRIPP LITE B095-003-1E-M 3 Port Console Server** [pdf] User Manual
B095-003-1E-M 3 Port Console Server, B095-003-1E-M, 3 Port Console Server, Console Server, Server

# References

- [**User Manual**](#)