

16-Port Console Server, USB Ports (2) - 4G LTE, Dual GbE NIC, 16Gb Flash, SD Card, Wi-Fi, Desktop/1U Rack, TAA

MODEL NUMBER: **B098-016-V**



16-port serial console server lets you remotely access and control serial-based networking equipment through one highly secure gateway.

Features

Access All Your Serial and Network Devices from Anywhere in the World at Any Time This USB console server provides secure in-band (primary network) and out-of-band (alternate channel) remote access to serial- and network-connected routers, network switches, firewalls, PBX systems, UPS systems, PDUs and other devices. It offers reliable network connectivity with dual Gigabit primary and failover Ethernet ports, dual SFP ports for fiber optic network connections, and dual power supplies. You can use it in a wide variety of applications, including wiring closets, branch offices, kiosks, point-of-sale and other remote sites where a quick identification and resolution of network issues is imperative. You'll be able to manage a critical equipment outage quickly and remotely without making a costly and time-consuming physical visit to the site.

Cellular Modem for Out-of-Band Access A multi-carrier 4G LTE cellular modem allows alternate remote access to the rack console in case the primary network goes down. The modem defaults to the Verizon network, but you can switch to AT&T, Rogers (Canada) and Telus (Canada) via the web GUI. This flexibility in networks saves you money by eliminating the need to buy a different modem for each carrier. Configurable port triggers and actions with SNMP, SMS and email alerts, such as pattern recognition and network connection.

Simple and Flexible Accessibility The 16 RJ45 console 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. Provides 16 Gb of internal NAND flash memory, which can be used for log storage and file storage, and is expandable with an SD card.

Wi-Fi Diversity Antenna Included The 16-port serial console server includes Wi-Fi, which supports either Client or WAP mode. Just attach the included 2.4 GHz SMA Wi-Fi diversity antenna to the console server's main Wi-Fi port. For a stronger wireless signal, connect a second antenna (not included) to the server's auxiliary Wi-Fi port.

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

Highlights

- Manage routers, UPS systems and other serial-based equipment from anywhere 24/7
- Built-in 4G LTE cellular modem with dual SIM card slots for out-of-band remote access
- Dual Gigabit Ethernet ports for primary network connection and automatic failover
- Designed for standard Cat5e/6 patch cable when connecting to Cisco devices
- Included Wi-Fi feature supports either Client or Access Point (WAP) mode

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
- Diagnose and fix issues with your IT infrastructure remotely with little or no downtime
- Troubleshoot equipment issues without spending time/money traveling to remote locations

Package Includes

- B098-016-V 16-Port Serial Console Server
- (2) C13 to NEMA 5-15P power cords, 6 ft.
- (2) Cat5 patch cables, 6 ft.
- 2.4 GHz SMA Wi-Fi diversity antenna
- (2) 4G swivel-blade antenna
- Coaxial cable antenna extender w/magnetic base, 10 ft.
- Straight-through serial adapter, DB9 to RJ45 (F/F)
- Crossover serial adapter, DB9 to RJ45 (F/F)
- Modular serial adapter, DB9 to RJ45 (M/F)
- Cisco rolled straight-through serial adapter, DB9 to RJ45 (F/F)
- Cisco rolled crossover serial adapter, DB9 to RJ45 (F/F)



The Utmost in Security to Keep Your Sensitive Data PrivateThe B098-016-V supports the following security features and standards: PCI DSS 3.2, FIPS 140-2, SSL and SSH, stateful firewall, OpenVPN and IPSec VPN support. The embedded FIPS 140-2 OpenSSL cryptographic module is validated to meet FIPS 140-2 standards and has received Certificate #2473.

PowerMan PDU and UPS SupportThis USB console 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 ConsoleTwo USB 2.0 console ports allow 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 MountingThe heavy-duty steel housing comes with mounting brackets for 1U installation in an EIA-standard 19-inch rack. Its fanless form factor also allows desktop deployment on included rubber feet that help prevent the unit from sliding.

TAA-Compliant for GSA Schedule PurchasesThe B098-016-V is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

- Cisco rolled modular serial adapter, DB9 to RJ45 (M/F)
- Cisco straight pinout (x2) loopback, black
- Cisco rollover pinout (x1) loopback, red
- Rack-mounting hardware
- Quick Start Guide

Specifications

| OVERVIEW | |
|-----------------------------------|--|
| UPC Code | 037332218070 |
| Multi-User | Yes |
| INPUT | |
| Voltage Compatibility (VAC) | 100; 110; 120; 125; 127; 200; 208; 220; 230; 240 |
| Power Input Receptacle | IEC-320-C14 |
| Redundancy - Dual Power Inputs | Yes |
| POWER | |
| Power Consumption (Watts) | 15 |
| USER INTERFACE, ALERTS & CONTROLS | |
| LED Indicators | 10 LEDs for Power, Heartbeat-Firmware Running, Serial Connectivity, Cellular Connectivity, Network Ports, and Wifi |
| PHYSICAL | |
| Material of Construction | Metal |
| Color | Black |
| Rackmountable | Yes |
| Shipping Dimensions (hwd / cm) | 8.38 x 40.89 x 48.77 |
| Shipping Dimensions (hwd / in.) | 3.30 x 16.10 x 19.20 |



| | |
|--------------------------------------|------------------------------|
| Shipping Weight (kg) | 4.72 |
| Shipping Weight (lbs.) | 10.40 |
| Unit Dimensions (hwd / in.) | 17 x 10 x 1.75 |
| Unit Dimensions (hwd / cm) | 43.2 x 25.4 x 4.45 |
| Unit Packaging Type | Box |
| Unit Weight (lbs.) | 10 |
| Unit Weight (kg) | 4.54 |
| 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 | 51.2 BTU/Hr |
| COMMUNICATIONS | |
| IP Remote Access | Yes |
| Network Compatibility | 1 Gbps (Gigabit) |
| IEEE Standards Supported | 802.3; 802.3ab; 802.3ad |
| CONNECTIONS | |
| Number of Ports | 16 |
| Side A - Connector 1 | RJ45 (FEMALE) |
| Side A - Connector 2 | RJ11 (FEMALE) |
| Side A - Connector 3 | (2) USB A (FEMALE) |
| Side A - Connector 4 | SD (FEMALE) |
| Side B - Connector 1 | (16) RJ45 (FEMALE) |
| Side B - Connector 2 | (2) RJ45 (FEMALE) |
| Side B - Connector 3 | (2) SFP (FEMALE) |
| FEATURES & SPECIFICATIONS | |
| Port Selection | CLI; GUI |
| Driver Required | No |
| Authentication Supported | RADIUS; LDAP; TACACS |
| Common Access Card (CAC) Support | No |
| REMOTE ACCESS | |
| Modem Port | No |



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| WARRANTY | |
|-------------------------------------|-------------------------|
| Product Warranty Period (Worldwide) | 2-year limited warranty |

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