Model #: B092-016

16-Port Serial Console Server with Built-in PowerAlert

Highlights

- 16-Port Serial Console Server with Built-in PowerAlert
- Secure In-band and Out-of-band access
- Manage All Equipment in the Rack: Servers, UPS, Routers, Switches, etc
- LINUX with Source Code Access allows custom scripts
- Made in USA

Description

Tripp Lites B092-016 Console Server with PowerAlert lets you to manage all the equipment in your data center or computer room. This can be done either remotely or from the rack itself (by connecting the console server to an LCD Console Drawer).

Manage your computers at the service processor level (IPMI, SoL, web browser), operating system level (Windows, Linux, VMWare) and right up to the applications layers (RDP, VNC, HTTP). Use the 4 USB ports or 16 serial ports to control your UPS power units and PDU switches, manage the serial consoles on your routers and the web browser network ports on your firewalls and other devices. This local access to all the consoles gives you complete control over the entire headed and headless infrastructure in your racks.

The B092-016 provides full in-band and out-of-band remote control access. You can operate locally at the rack, while monitoring and managing these operations from a remote site. Or you can access and control all the computers, datacomm and power devices from a remote site directly through the B092-016 using your browser or the SDT Connector client.
The B092-016 enhances the capability for monitoring all devices in the rack and spotting problems with servers, storage networking or power equipment. The time and cost to diagnose and fix problems is minimized, reducing maintenance costs and improving data center and NOC uptime and service levels.

You can customize monitoring, alert and alarm management, and maintain extensive logs. SDT for Nagios-support then provides an even more sophisticated and comprehensive alarm and notification mechanism with escalation rules to alert you of breached thresholds and potential problems. You can monitor network services (SMTP, POP3, HTTP, NNTP, ICMP, SNMP, FTP, SSH), host resources (processor load, disk usage, system logs) and probes (temperature, alarms...) with automatic alerts for defined system events sent via e-mail, SNMP and SMS to mitigate system and network disasters.

Auditing and tracking of all access helps your organization conform to mandatory compliance requirements like Sarbanes-Oxley, GLBA and HIPAA.

Remote management access to the B092-016 (using browsers, VNC, RDP, SSH, Telnet) is securely tunneled with strong selectable encryption

(3DES, Blowfish, AES, Arcfour) and flexible authentication (Public Key, One-Time Password, Kerberos, LDAP, TACACS) and access control (trusted networks, dial back, restricted user access zones).

Package Includes

- B092-016, 16-Port IP Console Server w/PowerAlert
- Rackmount hardware
- 2 x 6ft, Cat5e Patch cables
- 1 x DB9F - RJ45 Crossover Adapter
- 1 x DB9F - RJ45 Straight-Through Adapter
- 1 x 6ft, 5-15P to C13 Power cable

Features

LAN Device Management

- Remote Desktop (RDP) access to Windows XP/Vista/2003/Terminal Services
- VNC access to Sun/Windows /Linux computers
- ICA access to Citrix
- Firefox HTTP(S) access to browser controlled appliances with Java support (SUN JRE)
- Native IPMI 1.5 and 2.0 (RMCP/RMCP+) support for BMC and service processor access and control
- Secure SOL (Serial over LAN) access to BIOS, EMS and ACS
- Service processor access (IPMI, ILO, LOM and more)
- Access to KVM built in to service processors (DRAC, RSA)
- SSH and Telnet access

Serial Console Port Management

- Windows 2003 Server ACS and EMS support
- SUN / Solaris ready (no inadvertent breaks)
- Break over SSH support
- Port triggers with SMNP and email alerts
- Offline data logging (Syslog, NFS, CIFS)
- Online data buffering and logging
- Multiple users per port (with port sniffing)
- Access by TCP port
- Telnet/SSH/Raw TCP connect
- RFC 2217 - port redirection

Security and Authentication

- Secure Shell (SSH V2 and V3)
- TACACS+ , RADIUS and LDAP authentication
- PAP/CHAP authentication (dial up) and dial back
- Local authentication
- System event syslog
- SSH port and IP forwarding support
- IP packet filtering
- Unlimited user accounts

SDTConnector remote clients

- Easy for the end user to install with point and click operation
- Simple for the administrator to configure and manager
- Failover to out-of-band connection
- Runs on any OS with JRE 1.4.2 or later (Windows, Linux, UNIX, Solaris, Mac OS, X)
- SSH tunnels provide out-of-band access to network console ports
- Specify custom tunneled services using arbitrary TCP/UDP port numbers and client applications

- Strong Encryption (3DES, Blowfish, AES, Arcfour)
- Strong Authentication (Public Key, One-Time Password, Kerberos)

Other Protocols Supported

- NUT for UPS power management
- DHCP server and client for dynamic IP assignment
- NTP for time synchronization
- PPP for dial up access

Software and Upgrades

- Flash upgradeable
- HTTP, FTP, TFTP client for file transfer
- Linux with source code access
- Custom development kit

Specifications

OVERVIEW	
Warranty	4 Year LTD
IP Remote Access	YES, BUILT IN
INPUT	
UPS input connection type	IEC-320-C14, Auto-Switching 100-240VAC
PHYSICAL	
UPS / Power Module weight (lbs)	8.50
Mounting accessories included	Yes
Color	Black
ENVIRONMENTAL	
Operating Temperature Range	41F to 122F (5C to 50C)
Storage Temperature Range	-20F to +140F (-30C to +60C)
Relative Humidity	5% to 90%
CONNECTIONS	
Ports	16 x RJ45
Local Console Ports - Port 3	PS/2 x 2
Local Console Ports - Port 4	HD15 VGA
Other Ports - Port 1	DB9 Male (Modem)
Other Ports - Port 2	USB x 2
Remote Console Port	RJ45 10/100 Ethernet
CERTIFICATIONS	
Approvals	FCC Part 15 A, UL 1950, CE (EN55022 A, EN55024, EN60950), TUV, C-Tick

Related Items

Cables and Accessories		
B090-A9F-X	DB9F - RJ45 Modular Serial Adapter	Qty: [optional]
B090-A9F	DB9F - RJ45 Modular Serial Adapter	Qty: [optional]
B090-A9M	DB9M - RJ45 Modular Serial Adapter	Qty: [optional]

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/en/products/model.cfm?txtModelID=4306.

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