

## Server Remote Control, External KVM over IP

MODEL NUMBER: **B051-000**



### Description

Tripp Lite's B051-000 is an IP implemented KVM solution that allows network administrators to access a server or KVM switch from any station connected to the network, whether from the LAN, WAN, or the Internet. Network administrators can enjoy freedom from being bound to the server room; work from anywhere in the office, remote locations, or even from home! Since the B051-000 uses TCP/IP as its communication protocol, network administrators can remotely access attached KVM switches, allowing remote control of the attached servers to perform many tasks with ease and speed, such as installing and running GUI applications, BIOS level troubleshooting, routine monitoring, system maintenance, system administration, and rebooting. It supports 10Base-T, 100Base-T, TCP/IP, and HTTP through the Java Client. The server can be accessed whether it is down the hall, on the other side of town, or thousands of miles away! Utilizing advanced security technologies, the B051-000 provides password protection, advanced encryption technologies, sophisticated user filters and user management, stealth mode and automatic lockout to make sure that remote access is secure. The B051-000 offers high resolution (up to 1600 x 1200 @ 60Hz), user-friendly Windows GUI Client Software and Java client software. Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

### Features

- Provides IP Access to KVM switches or servers that do not have built-in IP functionality.
- Virtual Media lets the connected computer access media such as flash drives, DVD/CD drives, and Smart Card / CAC readers
- Supports both IPv4 and IPv6
- Features an RS-232 serial port for connection of a serial device, such as a switch or router
- Remote authentication support: RADIUS, LDAP, LDAPS and MS Active Directory
- Track critical events on the installation, such as user logins and system reboot, via SMTP email notification, SNMP traps, the included Windows-based Log Server, or Syslog server.
- Multi-level authentication - Up to 64 accounts can be created, with any combination of Administrators, Users, and Select accounts.
- Advanced encryption technology - 1024 bit RSA, 56 bit DES, 256 bit AED and 128 bit SSL

### Highlights

- Remotely access a server or KVM switch via LAN, WAN, or the Internet
- Supports both IPv4 and IPv6
- Features an RS-232 serial port for connection of a serial device, such as a switch or router
- Virtual Media lets the connected computer access media such as flash drives, DVD/CD drives, and Smart Card / CAC readers
- Remote authentication support: RADIUS, LDAP, LDAPS and MS Active Directory
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

### Applications

Where remote (off-site) access is needed to KVM switches and their connected servers.

### System Requirements

#### Remote Console Computer Requirements

- Browsers must support 128-bit SSL encryption
- For the browser-based Java Applet and non-browser AP Java Client, the latest version of Sun's Java Runtime Environment (JRE) must be installed, and 250 MB of memory available after installation
- For the Log Server, you must have the Microsoft Jet OLEDB 4.0 or higher driver installed
- For best results we recommend that the computers used to access the B051-000 have at least a Pentium III, 1 GHz processor, with their screen resolution set to 1024 x 768

- Message board feature allows users to communicate with each other, and allows a user to take exclusive control of the KVM switch.
- Export/import user account and configuration settings directly to the B051-000 IP Remote Access Unit.
- Access the connected server or KVM switch via your web browser using the browser-based Windows or Java applications
- Access the connected server or KVM switch without a browser using the non-browser Windows or Java applications
- Supports TCP/IP, HTTP, HTTPS, UDP, DHCP, SSL, ARP, DNS, ICMP, CHAP, PPP, 10Base-T and 100Base-T.
- Superior video resolution: up to 1600 x 1200 @ 60Hz; 24-bit color depth for remote sessions.
- PPP mode (modem) dial-up support for out-of-band, and low bandwidth operation.
- Supports importing third party CA certificates]
- Multi-Language Support - Administrator Utility can be displayed in English, German, Russian, Japanese, Korean, Traditional Chinese and Simplified Chinese
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

- For best results, a network transfer speed of at least 512 kbps is recommended
- For the browser-based Windows Client, at least 60 MB of memory must be available after installation
- For the non-browser Windows Client, at least 25 MB of memory must be available after installation

#### Connected Computer/Server or KVM Requirements

- VGA, SVGA or Multisync port
- An available type A USB port or (x2) PS/2 keyboard/mouse ports

#### Package Includes

- B051-000 IP Remote Access Unit
- USB KVM Cable Kit
- PS/2 KVM Cable Kit
- USB - PS/2 Console Connector Kit
- USB 2.0 Virtual Media Cable
- Power Adapter
- 0U Rackmount Kit
- Software CD with Owners' Manual
- Quick Start Guide

## Specifications

OVERVIEW	
AC Adapter	INPUT: 100-240V~0.5A, 50-60Hz Output: 5V, 2.6A Max 13W
Model Type	IP Remote Units
PHYSICAL	
Unit weight (lbs)	1.08
Unit weight (kg)	0.49
Material of construction	Metal
Mounting accessories included	0U Bracket
ENVIRONMENTAL	
Storage Temperature Range	-20 to +60 C
Relative Humidity	0 - 80% RH Non-Condensing
Operating Temperature	0 to 50 C
BTUs	25.605
CONNECTIONS	
Other Ports	RJ45 LAN ( Female )
Computer/Server Ports - Port 1	Modified HD15F ( 18 pin )

Included Cable (Side A) - Connector 1	Modified HD15F ( 18 pin )
Included Cable (Side B) - Connector 1	HD15F
Included Cable (Side B) - Connector 2	PS/2 Female
Included Cable (Side B) - Connector 3	PS/2 Female
Included Cable (Side B) - Connector 4	USB-A Female
Included Cable (Side B) - Connector 5	USB-A Female
Local Console Ports - Port 1	Modified HD15M ( 18pin )
Other Ports - Port 1	USB Mini-5 Pin
Other Ports - Port 2	DB9M Serial Port

#### **WARRANTY**

Product Warranty Period (Worldwide)	1-year limited warranty
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## **Related Items**

### **Required Products**

Model Number	Description	Qty.
<a href="#">N001-007-GY</a>	7-ft. Cat5e 350MHz Snagless Molded Cable (RJ45 M/M) - Gray	1
<a href="#">N001-014-GY</a>	14-ft. Cat5e 350MHz Snagless Molded Cable (RJ45 M/M) - Gray	1
<a href="#">N201-007-GY</a>	7-ft. Cat6 Gigabit Snagless Molded Patch Cable (RJ45 M/M) - Gray	1
<a href="#">N201-014-GY</a>	14-ft. Cat6 Gigabit Snagless Molded Patch Cable (RJ45 M/M) - Gray	1
<a href="#">P502-006</a>	6-ft. SVGA/VGA Monitor Cable with RGB Coax (HD15 M/M)	1
<a href="#">P502-010</a>	10-ft. SVGA/VGA Monitor Cable with RGB Coax (HD15 M/M)	1
<a href="#">P520-006</a>	6-ft. RS-232 Serial Extension Cable (DB9 M/F)	1

### **Optional Products**

Model Number	Description	Qty.
<a href="#">B051-000-AC</a>	Server Remote Control with One Controlled Power Port and Serial Control, External KVM over IP	1
<a href="#">WEXT-KVM-A1</a>	1-Year Warranty Extension - For select KVM Switches (see specific models for eligibility)	1
<a href="#">WEXT-KVM-A2</a>	2-Year Warranty Extension - For select KVM Switches (see specific models for eligibility)	1
<a href="#">WEXT-KVM-A3</a>	3-Year Warranty Extension - For select KVM Switches (see specific models for eligibility)	1
<a href="#">WEXT-KVM-A4</a>	4-Year Warranty Extension - For select KVM Switches (see specific models for eligibility)	1



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More information, including related products, owner's manuals, and additional technical specifications, can be found online at:  
<http://www.tripplite.com/sku/B051-000>.

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