

# IP Remote Access Unit for KVM Switches and Servers

MODEL NUMBER: **B051-000**



Provides IP access to a KVM switch or server that doesn't have built-in IP functionality, so you can control it remotely.

## Features

**Control Your KVM Switch or Server from Anywhere in the World** Recommended for high-density IT applications like data centers, server rooms and network closets, this IP access device adds IP functionality to a KVM switch or server that is not equipped with built-in IP capabilities. It allows you full BIOS-level control of your connected device via LAN, WAN or internet, and includes an SNMP protocol for tracking critical events, such as user logins and system reboots. Instead of being tied to your server room, you can work from another office, a remote location or even your living room.

**All-in-One Network Management for Critical Systems** The B051-000 uses TCP/IP as its communication protocol. This allows you to remotely access attached KVM switches and servers to perform tasks with ease and speed, such as installing and running GUI applications, BIOS-level troubleshooting, routine monitoring, system maintenance, system administration and rebooting. A Laptop USB Console (LUC) port allows direct connection of a laptop for easy console operation of the unit. An RS-232 serial port permits out-of-band and low-bandwidth modem and serial terminal connections. The auto-sensing RJ45 LAN port supports 10/100/1000 Mbps data transmission speeds.

**Network-Wide Storage Media Access** Virtual Media capability allows the B051-000 to access DVD/CD drives, flash drives, Smart Card/CAC readers and other storage media from a remote computer, as if it were directly connected.

**Heightened Security of Every Connection** The B051-000 offers password protection, advanced encryption technologies, sophisticated user filters and user management and automatic lockout to make sure remote access is secure. Remote authentication support is provided via RADIUS, LDAP, LDAPS and Active Directory. For added security, 1024-bit RSA, 56-bit DES, 256-bit AED and 128-bit SSL advanced security encryptions are used to prevent any breaches.

**High-Resolution On-Screen Display** With a maximum resolution of 1920 x 1200 (@ 60 Hz) and 24-bit color depth support for remote sessions, the B051-000 provides premium display quality. You won't miss a detail, even when physically separated hundreds or thousands of miles away from your network. The remote session can be viewed in either full-screen or an adjustable window mode for multitasking and higher productivity.

**Supports All Major Operating Systems and Browsers** The B051-000 supports all major operating systems and web browsers. You can connect it to most KVM switches, making it the ideal add-on device to preserve existing investments in aging IT devices.

## Highlights

- Provides 24/7 remote access and control of a connected KVM switch or server
- Allows Virtual Media access to storage media on remote computers for file transfers
- Supports HD video resolutions up to 1920 x 1200 (@ 60 Hz) for premium remote viewing
- Compact design adaptable to DIN rail mounting or vertical 0U rack mounting
- Works with all major operating systems and web browsers for maximum convenience

## Applications

- High-density IT applications, including data centers, server rooms and network closets

## 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 the computers used to access the switch have at least a Pentium III 1 GHz processor with their screen resolution set to 1024 x 768
- For best results, we recommend a network transfer speed of at least 512 Kbps
- 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 Requirements

Computers/servers to be connected to the B051-000 must



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**Convenient and Flexible Mounting Options** This IP remote access unit includes hardware for 0U vertical mounting in an EIA-standard 19-inch rack or mounting on a DIN rail.

**TAA-Compliant for GSA Schedule Purchases** The B051-000 is compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

**3-Year Warranty** The B051-000 is backed by a 3-year warranty, ensuring reliability and performance.

have the following:

- VGA, SVGA or Multisync port
- For USB Connections: USB port and USB host controller
- For PS/2 Connections: 6-pin mini-DIN keyboard and mouse ports

#### Package Includes

- B051-000 IP Remote Access Unit
- USB/PS/2 combo cable kit, 4 ft.
- USB/PS/2 combo console cable kit, 10 in.
- USB 2.0 LUC cable (5-pin USB Mini-B to USB-A M/M), 6 ft.
- External power adapter w/NEMA 1-15P plug & 5 ft. cord (Input: 100–240V, 50/60 Hz, 0.5A; Output: 5V 2.6A, Max 13W)
- Rack-mounting bracket
- DIN rail-mounting brackets
- CD w/software and owner's manual
- Quick Start Guide

## Specifications

| OVERVIEW                                  |                           |
|-------------------------------------------|---------------------------|
| UPC Code                                  | 037332146915              |
| Accessory Type                            | Remote Management         |
| Technology                                | PS/2; VGA/SVGA            |
| Accessory Class                           | KVM Switch Accessories    |
| INPUT                                     |                           |
| AC Power Adapter Plug(s)                  | NEMA 1-15P North America  |
| AC Power Adapter Input Specs (V / Hz / A) | 100-240V / 50/60Hz / 0.5A |
| AC Power Adapter Output Specs (V / A)     | 5.3V / 2.4A               |
| AC Power Adapter Cord Length (ft.)        | 4.9                       |
| AC Power Adapter Cord Length (m)          | 1.5                       |
| POWER                                     |                           |
| Power Source Type                         | AC Adapter                |



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**TRIPP-LITE**  
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|                                       |                                                           |
|---------------------------------------|-----------------------------------------------------------|
| AC Adapter                            | Input: 100-240V~0.5A, 50-60Hz / Output: 5V, 2.6A, Max 13W |
| <b>CONNECTIONS</b>                    |                                                           |
| Computer/Server Ports - Port 1        | Modified HD15F ( 18 pin )                                 |
| Included Cable (Side A) - Connector 1 | Modified HD15F ( 18 pin )                                 |
| 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                                              |
| <b>PHYSICAL</b>                       |                                                           |
| Material of Construction              | Metal                                                     |
| Included Mounting Accessories         | 0U Bracket                                                |
| Shipping Dimensions (hwd / in.)       | 3.70 x 10.40 x 8.60                                       |
| Shipping Dimensions (hwd / cm)        | 9.40 x 26.42 x 21.84                                      |
| Shipping Weight (lbs.)                | 2.80                                                      |
| Shipping Weight (kg)                  | 1.27                                                      |
| Unit Dimensions (hwd / in.)           | 1.000 x 7.900 x 3.000                                     |
| Unit Weight (lbs.)                    | 1.08                                                      |
| Unit Weight (kg)                      | 0.49                                                      |
| <b>ENVIRONMENTAL</b>                  |                                                           |
| Operating Temperature Range           | 32° to 122°F (0° to 50°C)                                 |
| Storage Temperature Range             | -4° to 140°F (-20° to 60°C)                               |
| Relative Humidity                     | 0% to 80% RH, Non-Condensing                              |
| BTUs                                  | 25.605                                                    |
| <b>STANDARDS &amp; COMPLIANCE</b>     |                                                           |
| External Power Supply Certifications  | FCC; TUV; UL; cUL                                         |
| Product Compliance                    | Trade Agreements Act (TAA)                                |
| <b>WARRANTY &amp; SUPPORT</b>         |                                                           |
| Product Warranty Period (Worldwide)   | 3-year limited warranty                                   |



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