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## Model #: B064-016-04-IP

### 16-Port, 5-User NetDirector Cat5 IP KVM Switch

#### Highlights

- Supports up to 5 simultaneous users: One Local, Four Remote
- Features two, 10/100/1000 RJ45 Network connections for redundant or dual-IP operation
- Panel array mode
- Multi-Platform support: Windows, Linux, UNIX, Novell, Mac and DOS
- On-Screen keyboard; choose from multiple keyboard languages
- Windows based log server
- Remote authentication: RADIUS, LDAP, LDAPS and active directory
- Expand the number of connected computers/servers by cascading a second level of B007-008 KVM switches. (Up to 128 computers/servers can be connected when a B007-008 is cascaded from each of the 16 ports)
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases
- 3 Year limited warranty



#### Description

Tripp Lite's 16-port NetDirector® IP KVM Switch is the optimal solution for remotely controlling multiple computers (combination of PS/2 and USB) by up to 4 independent, simultaneous users. Up to 5 users (1 Local and 4 Remote) can simultaneously access the KVM switch. A single unit occupies a mere 1U of rack space, yet can control up to 16 computers, and a maximum of 128 computers when a second level of B007-008 KVM switches are cascaded. A full-screen graphical OSD with multi-level authentication (Super Administrator, Administrator and User) allows you to quickly and efficiently manage your installation, while the provided Windows-based log server tracks all of the events that take place on the installation. Accessing the connected computers is a breeze; view multiple computers at the same time using panel array mode, automatically sync USB mice, access the on-screen keyboard feature in numerous language formats. Other features include remote authentication support via RADIUS, LDAP, LDAPS and Active Directory, dial-in modem access and non-browser access using Windows and Java applications.

For Government purchasers, B064-016-04-IP is Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

#### System Requirements

- Remote Console Computers (Web browser) - To access the KVM switch via browser, your computer needs to be running Sun's Java Runtime Environment (JRE) v.6, Update 3 or higher, and your browser must support 128-bit SSL encryption.
- Browsers - The NetDirector Cat5 IP KVM switch supports the following browsers; Internet Explorer 6 and higher, Firefox 1.5 and higher, Mozilla 1.7 and higher, Safari 2.0 and higher, Opera 9.0 and higher, and Netscape 8.1 and higher.
- Remote Console Computers (non-Browser Windows or Java Client) - To access the KVM switch using the non-browser based Windows client, your computer/server must be running Windows, and DirectX 7.0 or higher must be installed. To access the non-browser based Java client, your computer must be running Sun's Java Runtime Environment (JRE) v.6, Update 3 or higher.
- Connected Computers/Servers - Computers/servers being connected to the KVM switch must have a VGA port and USB or PS/2 Keyboard and Mouse ports.
- Operating Systems - The NetDirector Cat5 IP KVM switch supports connected computers/servers with the following operating systems: Windows 2000 and higher, Linux Red Hat 7.1 and higher, Linux Fedora Core 2 and higher, Linux SuSE 9.0 and higher, Linux Mandriva 9.0 and higher, UNIX AIX 4.3 and higher, UNIX FreeBSD 4.2 and higher, UNIX Sun Solaris 8 and higher, Novell Netware 5.0 and higher, Mac OS 9 and higher, and DOS 6.2 and higher.

## Package Includes

- NetDirector Cat5 IP KVM Switch
- Power Cord
- CD with Owner's Manual, IP Installer, Non-Browser Java Client, Non-Browser Windows Client and Windows-Based Log Server
- RJ45 to DB9 Adapter for Dial-In Modem functionality
- Console Cable Kit (includes both USB and PS/2 connectors)
- Rackmount hardware

## Features

- Up to 5 users ( 1 Local, 4 Remote ) can simultaneously access the connected computers/servers
- Features 2 RJ45 10/100/1000Mbps network ports for redundant or dual-IP operation
- Directly connect up to 16 computers/servers, or up to 128 by cascading a second level of B007-008 KVM switches
- Multi-level authentication; Super Administrator, Administrator and User
- Advanced security features include password protection and advanced encryption technologies - 1024 bit RSA; 56 bit DES; 256 bit AES and 128 bit SSL
- RJ45 connectors allow for a more efficient installation using Cat5 cables
- Access the connected computers/servers via local console, browser based Java application or non-browser based Windows and Java applications
- View multiple ports at the same time using the panel array mode feature
- Connect up to 3 additional USB1.1 devices using the USB ports on the front of the KVM switch
- Remote authentication support; RADIUS, LDAP, LDAPS and Active Directory
- Windows based Log Server records events that take place on the installation
- Dial-in modem support
- Graphical OSD and toolbars provide convenient, user friendly operation
- Full-screen or sizable remote desktop window; in full-screen mode the remote desktop display scales to user's monitor display size
- Supports up to 1600x1200 @ 60Hz resolutions
- Multi Language support: English, German, Traditional Chinese, Simplified Chinese and Japanese
- Features an on-screen keyboard with numerous language formats
- Automatically syncs USB mice
- Supports 10Base-T, 100Base-T, 1000Base-T, Auto-Sense, TCP/IP, HTTP, DNS, DHCP, UDP, ARP and Ping
- Flash upgradeable firmware over the network
- Message Board: Communicate instantly with other users
- UL/cUL
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases
- 3 Year limited warranty

## Specifications

OVERVIEW	
# Of Users	4
Console	No
Port Control	Push Buttons, Hotkeys, OSD
Max CPU	128
PC/Server	VGA, USB or PS/2
Cat5 KVM Switch	Yes
IP Remote Access	YES, BUILT IN
INPUT	
Input connection type	IEC-320-C14
Plug Type	IEC-320-C13
PHYSICAL	

<b>Unit weight (lbs)</b>	12.2
<b>Color</b>	Black
<b>Style</b>	1U Rackmount
<b>LCD Monitor (in.)</b>	Not Applicable
<b>CONNECTIONS</b>	
<b>Ports</b>	16
<b>FEATURES/SPECIFICATIONS</b>	
<b>BTUs</b>	135.2 to 136.6
<b>CERTIFICATIONS</b>	
<b>Approvals</b>	CE, FCC and RoHS

## Related Items

### Required Products

Product Type	Related Model	Description	Qty.
KVM Switches & Accessories	<a href="#">B054-001-USB</a>	KVM Switch Accessories - USB Server Interface Module for NetDirector Matrix KVM Switches	1
KVM Switches & Accessories	<a href="#">B054-001-PS2</a>	KVM Switch Accessories - PS/2 Server Interface Module for NetDirector Matrix KVM Switches	1

### Optional Products

Product Type	Related Model	Description	Qty.
Rackmount Consoles	<a href="#">B021-000-19-SH</a>	Rackmount Console - 1U Short-Depth Rackmount Console with 19" LCD	-
Rackmount Consoles	<a href="#">B021-000-19</a>	Rackmount Console - 1U Rackmount Console with 19" LCD	-
Rackmount Consoles	<a href="#">B021-000-17</a>	Rackmount Console - 1U Rackmount Console with 17" LCD	-
Patch Cables	<a href="#">N001-003-BK</a>	3-ft. Cat5e 350MHz Snagless Molded Cable (RJ45 M/M) - Black	-
Patch Cables	<a href="#">N001-005-BK</a>	5-ft. Cat5e 350MHz Snagless Molded Cable (RJ45 M/M) - Black	-
Patch Cables	<a href="#">N001-007-BK</a>	7-ft. Cat5e 350MHz Snagless Molded Cable (RJ45 M/M) - Black	-
Patch Cables	<a href="#">N001-010-BK</a>	10-ft. Cat5e 350MHz Snagless Molded Cable (RJ45 M/M) - Black	-
Patch Cables	<a href="#">N001-014-BK</a>	14-ft. Cat5e 350MHz Snagless Molded Cable (RJ45 M/M) - Black	-
Patch Cables	<a href="#">N001-025-BK</a>	25-ft. Cat5e 350MHz Snagless Molded Cable (RJ45 M/M) - Black	-
USB Cables & Adapters	<a href="#">U022-006</a>	6-ft. USB2.0 A/B Gold Device Cable (A Male to B Male)	-
USB Cables & Adapters	<a href="#">U022-010</a>	10-ft. USB2.0 A/B Gold Device Cable (A Male to B Male)	-

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=4204](http://www.tripplite.com/en/products/model.cfm?txtModelID=4204).

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