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16-Port IP KVM Switch – Cat5, 1U Rack-Mount, 2+1 User, TAA

MODEL NUMBER: **B064-016-02-IPG**



Cat5 KVM switch directly controls up to 16 computers and/or servers, including blade servers, at the same time.

Features

Control As Many As 16 Computers or Servers from Anywhere in the World

This NetDirector® Cat5 KVM switch is the smart solution for controlling multiple computers and servers in a complex, demanding IT environment. The B064-016-02-IPG provides complete control of up to 16 computers and/or servers directly, including blade servers, from a single monitor, USB keyboard and USB mouse. Redundant dual power supplies confirm the unit will continue running in the event one power supply fails. A Laptop USB Console (LUC) port allows direct connection of a laptop for easy console operation of the KVM switch.

All-in-One Network Management for Critical Systems

The B064-016-02-IPG offers a comprehensive, cost-effective network management solution that installs in 1U of space in an EIA-standard 19-inch rack using the included hardware. No server-resident software is required, so server performance and reliability are never compromised. Flash-upgradable firmware over an Ethernet network fine-tunes compatibility with emerging standards.

Supports All Major Operating Systems

The B064-016-02-IPG supports all major server platforms and VT100-based serial devices, in addition to all major operating systems and both USB and PS/2 connections. Because compatibility is based on common hardware standards, rather than system software dependencies, almost any platform can be accommodated.

Simple, Flexible Network Control

This Cat5 KVM switch is designed to ease multi-server management in data centers, server rooms and other high-density environments. Built-in IP capability allows up to three users—one local and two remote—to access the network independently and simultaneously. An optional dial-in connection is provided to ensure access in situations when the KVM switch is not available over the primary network. You may also select a connected computer using on-console pushbuttons or keyboard hotkey commands. An LED per KVM port indicates when a computer is connected to the port, when it is powered on and when it is selected.

High-Resolution On-Screen Display Offers Multi-Language Support

The advanced OSD with high-resolution video up to 1920 x 1080 provides a graphical user interface with management tools, including custom port labeling, auto-scanning and panel array mode. The OSD may be set to display in English, German, Russian, Japanese, traditional Chinese and simplified Chinese.

Highlights

- Up to 3 users (1 local, 2 remote) can control up to 16 computers/servers simultaneously
- Allows connection of either a DVI or VGA console monitor
- Virtual Media access of flash drives and other storage media from remote computers
- Redundant dual power cords keep the unit running in case one power supply fails
- Supports all major operating systems and both USB and PS/2 connections

Applications

- Maintaining access to distant or difficult-to-access equipment from a more convenient location for up to 2 remote users and a third local user
- Providing support and service to outsourced hardware
- Controlling multiple computers on a manufacturing line
- Keeping mission-critical servers in a data center up and running 24/7

System Requirements

- Any major operating system or web browser
- Connected computers: DisplayPort, DVI, VGA or HDMI port and USB or PS/2 keyboard/mouse port
- Remote console computers



Allows Connection of Either DVI or VGA Monitor

DVI and VGA console ports are included, though only one monitor may be connected at a time. Both the local and remote (up to 164 feet) displays support high-definition video resolutions up to 1920 x 1200 at 60 Hz with 24-bit color depth.

Supports Both IPv4 and IPv6 Addresses

The B064-016-02-IPG supports IPv4, Link Local IPv6 Address and IPv6 Stateless Auto configuration protocols. You may set the IP address manually or have it automatically assigned via DHCP server (the default method).

Heightened Security of Every Connection

The B064-016-02-IPG offers three levels of password protection (super administrator, administrator and user) to prevent unauthorized persons from gaining access to connected servers/computers. Remote authentication support is provided via RADIUS, LDAP, LDAPS and Active Directory. The B064-016-02-IPG also incorporates advanced encryption technologies: 1024-bit RSA, 56-bit DES, 256-bit AES and 128-bit SSL.

Network-Wide Storage Media Access

Virtual Media capability allows any computer connected to the KVM via a B055-001-USB-V2, B055-001-UDP, B055-001-UDV or B055-001-UHD server interface unit to access DVD/CD drives, flash drives and other storage media from a remote computer, as if it was directly connected. Three USB ports are provided on the front panel for use with Virtual Media or USB peripheral devices.

Energy-Efficient Operation

Temperature sensors automatically increase or decrease the speed of the unit's fans as necessary to ensure efficient cooling. This decreases the amount of energy consumed, while prolonging the life of the fans and KVM switch.

TAA-Compliant UPS for GSA Schedule Purchases

The B064-016-02-IPG is compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

3-Year Warranty and Environmentally Responsible Design

The heavy-duty steel B064-016-02-IPG comes with a 3-year warranty. It's manufactured in compliance with strict RoHS specifications, reflecting Tripp Lite's commitment to environmental responsibility.

(web browser): 128-bit SSL encryption and Sun JRE v6 Update 3 or higher

- Remote console computers (non-browser Windows Client): Windows w/DirectX 7.0 or higher
- Remote console computers (Java Client): Sun JRE v.6 Update 3 or higher

Package Includes

- B064-016-02-IPG 16-Port IP KVM Switch
- (2) C5 to NEMA 5-15P detachable power cords
- RJ45 to DB9 adapter
- USB/PS/2 combo console cable kit
- Grounding wire
- Foot pads
- Rack-mounting hardware
- CD w/owner's manual, Quick Start Guide and device files
- Quick Start Guide

Specifications

OVERVIEW	
UPC Code	037332151513
Users	3
Max CPU	16
Technology	Cat5/5e; DVI (all types); PS/2; Serial (RS232); USB (all versions); VGA/SVGA
INPUT	
Nominal Input Voltage(s) Supported	100V AC; 110V AC; 115V AC; 120V AC; 127V AC; 140V AC; 200V AC; 208V AC; 220V AC; 230V AC; 240V AC
Input Frequency	50/60Hz



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Input Current	120V (0.8A) / 230V (0.4A)
PHYSICAL	
Shipping Dimensions (hwd / in.)	7.000 x 22.500 x 21.000
Shipping Dimensions (hwd / cm)	17.78 x 57.15 x 53.34
Shipping Weight (lbs.)	19.4000
Shipping Weight (kg)	8.80
Unit Dimensions (hwd / in.)	1.75 x 17 x 16
Unit Dimensions (hwd / cm)	4.45 x 43.18 x 40.64
Unit Weight (lbs.)	17.00
Unit Weight (kg)	7.71
Color	Black
ENVIRONMENTAL	
Storage Temperature Range	-20 to 60 C (-4 to 140 F)
Relative Humidity	0 to 80% RH, Non-Condensing
Operating Temperature	0 to 50 C (32 to 122 F)
COMMUNICATIONS	
Port Control	Push Buttons, Hotkeys, OSD
IP Remote Access	Yes
CONNECTIONS	
Ports	16
Computer/Server Ports	(x16) RJ45 Female
PC/Server Connections	DVI; PS/2; Serial; USB; VGA
Local Console Ports - Port 3	(x2) PS/2 Female (via included console cable)
FEATURES & SPECIFICATIONS	
Autoscan (Y,N)	Y
Autoscan Duration	User-definable from 1 to 255 seconds; default of 5 seconds
CERTIFICATIONS	
Approvals	UL/cUL, FCC, CE, TAA, RoHS
WARRANTY	
Product Warranty Period (Worldwide)	3-year limited warranty



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