NetDirector 32-Port Cat5 KVM over IP Switch - Virtual Media, 1 Remote + 1 Local User, 1U Rack-Mount, TAA

MODEL NUMBER: **B064-032-01-IPG**









Cat5 KVM switch directly controls up to 32 computers and/or servers, including blade servers, at the same time.

Features

Control As Many As 32 Computers or Servers from Anywhere in the World This NetDirector® Cat5 KVM switch offers BIOS-level access to multiple computers and servers in a complex, demanding IT environment. The B064-032-01-IPG provides complete control of up to 32 computers and/or servers directly, including blade servers, from a single monitor, USB keyboard and USB mouse. Dual redundant power supplies confirm the unit will continue running in the event one power supply fails, ensuring 24/7 reliability. 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 B064-032-01-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 and Most Web Browsers The B064-032-01-IPG supports all major server platforms and VT100-based serial devices. Because compatibility is based on common hardware standards, rather than system software dependencies, almost any platform can be accommodated. Supported web browsers for users who log in remotely include Internet Explorer, Firefox, Mozilla, Safari, Opera and Netscape Navigator.

Simple Network Control That Gives You More Flexibility 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 two users—one local and one remote—to access the network independently and simultaneously. An optional dial-in connection (modem port) 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, GUI (graphical user interface), OSD (on-screen display) 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 1200 (at 60 Hz) with 24-bit color depth provides a GUI with management tools, including custom port labeling, auto-scanning and panel array mode. The OSD may be set to

Highlights

- Up to 2 users (1 local, 1 remote) can control up to 32 computers/servers simultaneously
- Virtual Media allows access to remote storage, including DVD/CD drives and flash drives
- Dual redundant C14 power inlets keep the unit running in case one power supply fails
- Dedicated LUC port connects directly to a laptop for easy console operation
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Applications

- Maintain access to distant or difficult-to-access equipment from a more convenient location for one remote user and one local user
- Provide support and service to outsourced hardware
- Control multiple computers on a manufacturing line
- Keep mission-critical servers in a data center up and running 24/7

System Requirements

- Any major operating system
- Internet Explorer, Firefox, Mozilla, Safari, Opera or Netscape Navigator web browser
- Connected computers: DisplayPort, DVI, VGA or HDMI port and USB keyboard/mouse port
- B055-001-USB, B055-001-USB-V2, B055-001-UDP, B055-001-UDV, B055-001-UHD, B055-001-SER, or B055-001-PS2 (PS/2) Server Interface Unit is required for each connected computer/server
- Remote console computers (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

display in English, German, Russian, Japanese, traditional Chinese and simplified Chinese.

Allows Connection of USB Keyboard and MouseUSB console ports are included. Only one keyboard/mouse combination may be connected at a time.

Supports Both IPv4 and IPv6 Addresses The B064-032-01-IPG supports IPv4, Link Local IPv6 Address and IPv6 Stateless Autoconfiguration 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 B064-032-01-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 B064-032-01-IPG also incorporates advanced encryption technologies: 1024-bit RSA, 56-bit DES, 256-bit AES and 128-bit SSL. It also supports high-grade FIPS 140-2 level 1 security standards.

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 were directly connected. This allows administrators to perform file transfers, install software and perform diagnostics across a network. Three USB ports are provided on the front panel for use with Virtual Media or USB peripheral devices.

Energy-Efficient Operation Prolongs the KVM's Lifespan 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.

Free Management Software Included Free NetDirector-AXS management software is available for accessing and controlling the B064-032-01-IPG. From a single interface, you can remotely access server ports and manage KVM settings. You can install this software from the included CD or download it at tripplite.eaton.com/support.

TAA-Compliant for GSA Schedule Purchases The B064-032-01-IPG is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

(Java Client): Sun JRE v.6 Update 3 or higher

Package Includes

- B064-032-01-IPG 32-Port IP KVM Switch
- (2) C13 to NEMA 5-15P detachable power cords
- RJ45 to DB9 adapter (F/M)
- Grounding wire
- Foot pads
- Rack-mounting hardware
- Quick Start Guide

Specifications

OVERVIEW	
UPC Code	037332236340
Max CPU	32
Technology	Cat5/5e; VGA/SVGA
VIDEO	
Number of Monitors Supported	1
Max Supported Video Resolution	1920 x 1200 @60 Hz
Max. Distance (Between any 2 Units)	164ft (50m)
Max Number of Ports (Entire Chain)	32
Extended Mode	No
Mirror Mode	No

INPUT	
AC Power Adapter Plug(s)	NEMA 5-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 1A
AC Power Adapter Cord Length (ft.)	6
AC Power Adapter Cord Length (m)	1.8
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
Input Frequency	50/60Hz
Input Current	1A
Power Input Receptacle	IEC-320-C14
Redundancy - Dual Power Inputs	Yes
OUTPUT	
Frequency Compatibility	50 / 60 Hz
CONNECTIONS	
Number of Ports	32
Computer/Server Ports	(x32) RJ45 Female
Daisy-Chain Port	No
Firmware Upgrade Port	No
PC/Server Connections	DVI; USB; VGA
Side A - Connector 1	(3) USB A (FEMALE)
Side A - Connector 2	(2) 3.5MM (FEMALE)
Side A - Connector 3	USB MINI-B 5-PIN (FEMALE)
Side B - Connector 1	(35) RJ45 (FEMALE)
Computer Keyboard and Mouse Interface	USB
Computer Monitor Interface	DVI-D Dual-Link; HD15
Console Keyboard and Mouse Interface	USB
Console Monitor Interface	HD15
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	PORT LEDS- GREEN (ONLINE), RED (SELECTED AND OFFLINE), ORANGE (SELECTED AND ONLINE); POWER 1 & 2 LEDS- BLUE; LINK 1 & 2 LEDS- RED (10MBPS), ORANGE (100MBPS), GREEN (1000MBPS)
PHYSICAL	
Color	Black
Material of Construction	Metal

Rackmountable	Yes
Shipping Dimensions (hwd / in.)	5.12 x 22.64 x 19.80
Shipping Dimensions (hwd / cm)	13.00 x 57.51 x 50.29
Shipping Weight (lbs.)	16.54
Shipping Weight (kg)	7.50
Unit Dimensions (hwd / in.)	1.720 x 17.060 x 15.980
Unit Packaging Type	Box
Unit Weight (lbs.)	7.75
Unit Weight (kg)	3.52
ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	-4° to 140°F (-20° to 60°C)
Relative Humidity	0-80% non-condensing
Operating Temperature	32° to 104°F (0° to 40°C)
COMMUNICATIONS	
Hotkey	Yes
Port Control	Push Buttons, Hotkeys, OSD, Remote Toolbar
IP Remote Access	Yes
Network Compatibility	1000 Mbps
PORT EXPANSION	
Daisy-chainable or Cascadable	Cascadable
FEATURES & SPECIFICATIONS	
NIAP-Certified Secure	No
Number of Users	2
Autoscan (Y,N)	Y
On-Screen Display (OSD)	Yes
Port Selection	GUI; Hotkey; OSD; Pushbutton
Driver Required	No
Authentication Supported	LDAP; LDAPS; RADIUS
Autoscan Duration	User-definable from 1 to 255 seconds; default of 5 seconds
Recommended Category Cable	Cat5/5e cables
REMOTE ACCESS	
Modem Port	Yes

STANDARDS & COMPLIANCE	
Product Compliance	RoHS; REACH; FCC (USA); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

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