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NetCommander 8-Port Cat5 KVM over IP Switch - 19 in. LCD, 1 Remote + 1 Local User, 1U Rack-Mount, TAA

MODEL NUMBER: **B070-008-19-IP**

Highlights

- Control computers/servers locally or via LAN, WAN or Internet
- Occupies just 1U of space in a rack-mountable drawer
- Low-cost Cat5 cabling allows longer distances, reduces cable clutter
- 19" LCD screen supports video resolutions up to 1366 x 768
- Simultaneous support for 2 users – 1 local, 1 remote
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases
- Free Management Software available to Access and Control all of your NetCommander IP KVM's (B070 and B072 IP series) from a single interface
- Fast Virtual Media KVM System patented under Pat. No. US 9,417,720

System Requirements

- Computer with HD15 port, and USB port or PS/2 keyboard/mouse ports
- User-supplied Cat 5e/6/6a cabling
- B078-101-USB-1 (USB) Server Interface Unit is required for each connected computer/server
- For computers with DisplayPort or HDMI, change to VGA using adapters P134-06N-VGA-V2 or P131-06N. Maximum video resolutions using adapters may vary.
- Compatible with Windows and Linux operating systems
- Remote access supported using Windows computers
- Remote console computers require minimum Pentium 4 with 2 GB memory
- Power consumption: 120V, 60Hz, 30W

Control up to 8 computers from virtually anywhere with one Cat5 KVM switch with integrated console. This KVM switch with IP remote access is a smart solution for efficient server control. Low-cost Cat5 cables let you locate servers up to 100 ft. away.

Description

The B070-008-19-IP KVM Switch gives you a rack-mountable full keyboard, LCD and touchpad in a single console that occupies only 1U of rack space. Easy to install and use, it's the optimal solution for controlling up to eight computers/servers locally from across the room, down the street or halfway around the globe on a LAN, WAN or Internet.

The B070-008-19-IP uses inexpensive user-supplied Cat5e/6/6a cabling with Server Interface Units so you can control computers/servers located up to 100 feet away from the switch. This switch features two 10/100 Mbps LAN ports, so if one fails, the other takes over, keeping remote access uninterrupted. Users can switch easily between the ports using an on-screen display (OSD). Multi-level password protection prohibits unauthorized users from accessing the connected computers, and a local user and a remote user can be logged on simultaneously. The built-in 19-inch LCD screen supports video resolutions up to 1366 x 768.

Two serial ports allow control of serial-manageable devices such as IP PDUs, firewalls and routers. You can assign individual ports to an IP PDU port to power on/off the server connected to that port. The B070-008-19-IP stores neatly in a rack drawer and pulls out when needed. This KVM console is compatible with both Windows and Linux operating systems, and provides remote access using a Windows computer. Heavy-duty steel housing stands up to frequent use. Complies with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

Free NetCommander-AXS Management Software is available for access and control of all of your NetCommander IP KVM switches (B070- and B072-Series). From a single interface, you can access server ports on any of your KVM switches, power cycle or power on/off outlets of IP PDUs and manage KVM settings. This software can be found on the model support page of the B070-008-19-IP.

Features

Package Includes

- B070-008-19-IP 1U rackmount console KVM switch with 19" LCD
- C13 to 5-15P power cord
- Rackmount hardware

Saves Space and Money
- Combines 8-port KVM switch, 19" LCD screen, keyboard and touchpad in a single 1U rack-mountable drawer

- Mounts into 19"-wide rack, 27"-42" deep; to mount in a 2-post rack, use B019-000

- Inexpensive Cat5e/6/6a cabling lets you locate servers up to 100 ft. from the switch

- Use Server Interface Unit B078-101-USB-1 (for USB) with each server that will be connected with Cat5 cable

- For computers with Displayport or HDMI, change to VGA using adapters P134-06N-VGA-V2 or P131-06N. Maximum video resolutions using adapters may vary.

IP Remote Access for Fewer Trips to the Server Room
- Remote access means there's no need to travel to the server room or network closet

- Java-based application allows Windows computers to control a target server via web browser from any location over a secured IP connection

- A non-browser client is available that allows Windows computers to remotely access the KVM without the need for a browser and without the need to install Java

- 1 local + 1 remote user can access different ports concurrently; up to 5 users can share a single session

- Supports both IPv4 and IPv6

- Free Management Software available to Access and Control all of your NetCommander IP KVM's (B070 and B072 IP series) from a single interface

Simplifies IT Tasks
- On-screen display, hot keys and remote toolbar for easy use

- 2 serial ports allow control of serial-manageable devices such as IP PDUs, firewalls and routers

- Add IP PDUs as devices that can be controlled by the KVM; assign individual ports to an IP PDU port to power on/off the server connected to that port

- Virtual Media allows a .iso file to be mounted to a target server and accessed as if it were directly stored on it

- Fast Virtual Media KVM System patented under Pat. No. US 9,417,720

- System-sent messages to SNMP server notify you of LAN failures

- Supports RADIUS and LDAP/S authentication

- Log tracks events on your installation

Large 19" LCD
- Supports video resolutions up to 1366 x 768; 1920 x 1080 remotely

- DDC emulation allows for optimal output to LCD

Advanced Security Features
- Multi-level password protection: create administrator accounts with full access and user accounts with limited access

- Supports TLS 1.2 security protocol

- You can install SSL certificates to ensure secure transactions between web servers and browsers

Expandability and Long-Lasting Reliability
- Flash-upgradeable firmware over the network

- Heavy-duty steel housing stands up to use

TAA Compliant
- Complies with the Federal Trade Agreements Act for GSA Schedule purchases

- Quick start guide

Specifications

OVERVIEW	
UPC Code	037332181879
Console	Yes
Technology	Cat5/5e; PS/2; VGA/SVGA

VIDEO	
Max Supported Video Resolution	Console: 1366 x 768 @60Hz; Remote: 1920 x 1080 @60Hz

INPUT	
Voltage Compatibility (VAC)	100; 110; 120; 127; 200; 208; 220; 230; 240
Input Frequency	50/60Hz
Input Current	120V (1.2A) / 230V (0.7A)
Power Input Receptacle	IEC-320-C14

POWER	
Power Consumption (Watts)	30
Power Consumption Detail	(Line Mode) 30W / (Standby Mode) 5W

CONNECTIONS	
Number of Ports	8
PC/Server Connections	PS/2; USB; VGA
Side A - Connector 1	(8) RJ45 (FEMALE)
Side B - Connector 1	(4) RJ45 (FEMALE)
Side B - Connector 2	(1) USB A (FEMALE)
Computer Keyboard and Mouse Interface	PS/2; USB
Computer Monitor Interface	VGA
Console Keyboard and Mouse Interface	PS/2; USB

USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Green (CAPS LOCK, SCROLL LOCK, NUM LOCK)

PHYSICAL	
Color	Black
Material of Construction	Steel (Steel, Electrogalvanized, Cold Rolled, Coil)

Rackmountable	Yes
Shipping Dimensions (hwd / in.)	6.10 x 23.30 x 32.25
Shipping Dimensions (hwd / cm)	15.49 x 59.18 x 81.92
Shipping Weight (lbs.)	39.90
Shipping Weight (kg)	18.10
Unit Dimensions (hwd / in.)	1.710 x 17.360 x 28.430
Unit Packaging Type	Box
Unit Weight (lbs.)	29.00
Unit Weight (kg)	13.15

ENVIRONMENTAL

Storage Temperature Range	-40° to 158°F (-40° to 70°C)
Relative Humidity	0% to 80% RH, Non-Condensing
Operating Temperature	32 to 104 F (0 to 40 C)
BTUs	(Line Mode) 102 BTU/Hr / (Standby Mode) 17.1 BTU/Hr

COMMUNICATIONS

IP Remote Access	Yes
Network Compatibility	100 Mbps (Fast Ethernet)

FEATURES & SPECIFICATIONS

USB Specification	USB 2.0 (up to 480 Mbps)
NIAP-Certified Secure	No
Number of Users	2
Autoscan (Y,N)	N
On-Screen Display (OSD)	Yes
Port Selection	Pushbutton; Hotkey; OSD
Authentication Supported	RADIUS; LDAPS
Recommended Category Cable	Cat5e/6/6a Cables

BUILT-IN CONSOLE

Console Screen Size (inches)	19
Console Screen Aspect Ratio	16:9

REMOTE ACCESS

Virtual Media Speed	Up to 12 Mbps (using B078-101-USB2)

STANDARDS & COMPLIANCE

Product Certifications	CAN/CSA C22.2; CAN/CSA-C22.2 No. 60950-1 (Canada); UL 60950-1
Product Compliance	RoHS; CE (Europe); REACH; FCC Part 15 Class A (USA); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty

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