



Powering Business Worldwide

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

MODEL NUMBER: **B064C-16-1-IP**



All-in-one KVM over IP switch with built-in console lets you connect computers and servers via Cat5 cabling.

Features

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

This NetDirector® Cat5 KVM over IP switch provides complete control of up to 16 computers and/or servers located up to 100 feet (30.5 meters) away. The B064C-16-1-IP is a comprehensive 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.

Simple Network Control That Gives You More Flexibility

This Cat5 switch gives you a rack-mountable keyboard, LCD and touchpad in a single console, designed to ease multi-server management in data centers, server rooms and other high-density environments. Built-in IP capability allows a local or a remote user to access the network independently. You may also select a connected computer using a remote toolbar, OSD (on-screen display), pushbuttons or hot keys. An LED per port indicates which connected computers are online or in use.

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

The advanced OSD with high-resolution video up to 1920 x 1200 (at 60 Hz) or 1280 x 1024 (at 75 Hz) provides a GUI with management tools, including auto-scanning and panel array mode. The OSD may be set to display in English, German, Russian, Japanese, traditional Chinese or simplified Chinese.

Allows Connection of Either PS/2 or USB Keyboard and Mouse

PS/2 and USB console ports are included. Only one keyboard/mouse combination may be connected at a time.

Supports Both IPv4 and IPv6 Addresses

The B064C-16-1-IP supports IPv4 and IPv6 protocols. Remote access avoids costly and time-consuming travel to the server room or network closet. You may set the IP address manually or have it automatically assigned via DHCP server (the default method). 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.

Heightened Security for Every Connection

Multi-level password protection helps prevent unauthorized persons from gaining access to connected servers/computers. Remote authentication support is provided via RADIUS and LDAP/S. The B064C-16-

Highlights

- Lets you control computers and servers locally or over LAN, WAN or Ethernet
- Remote or local user can control up to 16 computers or servers at the same time
- Daisy-chain up to 128 computers or servers to expand your network
- Built-in sliding console with large 19 in. LCD supports 1920 X 1200 @ 60 Hz
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

System Requirements

- Windows, Linux, UNIX, Novell, Sun, DOS or macOS operating system
- 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) or Netscape (8.1 and higher) web browser

Package Includes

- B064C-16-1-IP NetDirector 16-Port Cat5 KVM over IP Switch
- Detachable C13-to-C14 power cord
- Firmware upgrade cable
- Rail-mounting kit (pre-installed)
- L brackets (pre-installed)
- Installation instructions



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1-IP also incorporates advanced encryption technologies: 128-bit RC4, 168-bit 3DES, 256-bit AES and 56-bit DES. You can install SSL certificates to ensure secure transactions between web servers and browsers. An easy-to-access log tracks events on your installation.

TAA-Compliant for GSA Schedule Purchases

The B064C-16-1-IP is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

Specifications

OVERVIEW	
UPC Code	037332284532
Product Type	Console KVM Switch
Console	Yes
Max CPU	128
Technology	Cat5/5e; PS/2; USB 2.0 (High Speed); VGA/SVGA
VIDEO	
Number of Monitors Supported	1
Video Ports	VGA
Resolutions Supported	1920 x 1200 @ 60Hz
Max Supported Video Resolution	Local: 1920 X 1200 @ 60Hz Remote: 1920 X 1200 @ 60Hz Resolution: 1280 x 1024 @ 75Hz
Max Number of Ports (Entire Chain)	128
HDR Support	No
3D Video Supported	No
DISPLAY	
Response Time	5 ms
Viewing Angle	170° (H), 160° (V)
INPUT	
AC Power Adapter Plug(s)	IEC-320-C14
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 1A
AC Power Adapter Cord Length (ft.)	6.6
AC Power Adapter Cord Length (m)	2
Nominal Input Voltage Description	100-240VAC, 50-60HZ
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
Input Frequency	50/60Hz
Input Current	1A



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Power Input Receptacle	IEC-320-C14
POWER	
Power Source Type	Power Cord
CONNECTIONS	
Number of Ports	16
Computer/Server Ports	16
Daisy-Chain Port	Y
Firmware Upgrade Port	Y
PC/Server Connections	Serial
Side A - Connector 1	(16) RJ45 (FEMALE)
Local Console Ports - Port 3	1
Console Keyboard and Mouse Interface	PS/2; USB
Console Monitor Interface	VGA
Daisy-chainable / Cascadable	Yes
Daisy-chainable / Cascadable Details	1x DB-25 Male
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Online: 16 (Green); Selected: 16 (Orange); x1 Power, 1x Num Lock (Green), 1x Caps Lock (Green), 1x Scroll Lock (Green)
PHYSICAL	
Primary Form Factor	Rackmount
Color	Black
Material of Construction	Metal
Housing Color	Black
LCD Monitor (in.)	19
Rackmountable	Yes
Shipping Dimensions (hwd / in.)	32.67 x 26.37 x 5.51
Shipping Weight (lbs.)	40.34
Shipping Weight (kg)	18.30
Unit Dimensions (hwd / in.)	26.774 x 17.669 x 1.732
Unit Dimensions (hwd / cm)	68.01 x 44.88 x 4.40
Unit Packaging Type	Box
Unit Weight (lbs.)	31.3
Unit Weight (kg)	14.20



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Rack Units	1
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% to 80% RH, Non-Condensing
Operating Humidity Range	5% TO 85% RH, NON-CONDENSING
Storage Humidity Range	5% TO 85% RH, NON-CONDENSING
COMMUNICATIONS	
Hotkey	Y
Port Control	Push Buttons, Hotkeys, OSD
IP Remote Access	Yes
EDID Compatible	No
IR Remote Extension Support	No
PORT EXPANSION	
Daisy-chainable or Cascadable	128 (via Daisy-chain with B022-U08)
FEATURES & SPECIFICATIONS	
Mounting Accessory Included	Yes
NIAP-Certified Secure	No
Number of Users	1
Autoscan (Y,N)	Y
On-Screen Display (OSD)	No
Port Selection	Hotkey; OSD; Pushbutton
Driver Required	No
Authentication Supported	LDAP; LDAPS; MS Active Directory; RADIUS
Autoscan Duration	1-255 Sec
BUILT-IN CONSOLE	
Console Screen Size (inches)	19
REMOTE ACCESS	
Modem Port	No
STANDARDS & COMPLIANCE	
Product Certifications	EN 55032; EN 55035; ICES (Canada); NOM (Mexico); RCM (Australia & New Zealand)
Product Compliance	CE (Europe); FCC Part 15 Class A (USA); FCC Part 15 Class B (USA); RoHS; Trade Agreements Act (TAA); UKCA



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WARRANTY & SUPPORT

Product Warranty Period (Worldwide)	1-year limited warranty
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