

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

MODEL NUMBER: **B064C-16-1X1-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-16-1X1-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 up to two users, one local and one remote, to access the network independently and simultaneously. 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.

#### Supports Both IPv4 and IPv6 Addresses

The B064C-16-1X1-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 of 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-16-1X1-IP also incorporates advanced encryption technologies: 128-bit RC4, 168-bit 3DES, 256-bit AES and

### Highlights

- Lets you control computers and servers locally or over LAN, WAN or Ethernet
- 2 users (1 remote, 1 local) can control up to 16 computers or servers at the same time
- Daisy-chain up to 128 computers or servers to expand your network
- Virtual Media allows access to remote storage, including DVD/CD drives and flash drives
- 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-16-1X1-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)
- Quick Start Guide



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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.

#### Network-Wide Storage Media Access

Virtual Media capability allows any computer connected to the KVM via a B055-Series 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. A USB port is provided on the front panel for use with Virtual Media or USB peripheral devices.

#### TAA-Compliant for GSA Schedule Purchases

The B064C-16-1X1-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	037332284549
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



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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
<b>OUTPUT</b>	
Frequency Compatibility	50 / 60 Hz
<b>POWER</b>	
Power Source Type	Power Cord
<b>CONNECTIONS</b>	
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
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
LED Indicators	Online: 16 (Green); Selected: 16 (Orange); x1 Power, 1x Num Lock (Green), 1x Caps Lock (Green), 1x Scroll Lock (Green)
<b>PHYSICAL</b>	
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



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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
Rack Units	1
<b>ENVIRONMENTAL</b>	
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 Humidity Range	5% TO 85% RH, NON-CONDENSING
Storage Humidity Range	5% TO 85% RH, NON-CONDENSING
<b>COMMUNICATIONS</b>	
Hotkey	Y
Port Control	Push Buttons, Hotkeys, OSD
IP Remote Access	Yes
EDID Compatible	No
IR Remote Extension Support	No
<b>PORT EXPANSION</b>	
Daisy-chainable or Cascadable	128 (via Daisy-chain with B022-U08)
<b>FEATURES &amp; SPECIFICATIONS</b>	
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
<b>BUILT-IN CONSOLE</b>	
Console Screen Size (inches)	19



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REMOTE ACCESS	
Modem Port	No
Access Type	Remote
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
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty

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