NetDirector 16-Port 1U Rack-Mount Console IP KVM Switch w/19 in. LCD

MODEL NUMBER: **B020-U16-19-IP**

Description

The B020-U16-19-IP NetDirector 16-Port 1U Rack-Mount Console IP KVM Switch combines a 16-port KVM switch, keyboard, touch pad, numeric keypad, 19-inch LCD and built-in IP remote access into a compact housing that stores neatly in 1U of rack space. Ideal for data centers, server rooms and other environments with multiple servers, the B020-U16-19-IP lets you handle complex problems without needing to be on-site, which saves money and time.

You can control up to 16 servers or computers directly from the KVM switch or remotely from anywhere else via LAN, WAN or the Internet, including system administration, BIOS-level troubleshooting, GUI application installations and equipment reboots. The built-in 19-inch monitor supports VGA video resolution up to 1280 x 1024 (@ 75 Hz). Compatible with both USB and PS/2 connections using the included cable kits, the KVM switch allows you to select a connected computer using console buttons or keyboard hotkeys. It supports IPv4 and IPv6, as well as Link Local IPv6 Address and Stateless Auto Configuration protocol.

The B020-U16-19-IP is compatible with all major operating systems and web browsers. Three levels of password protection, as well as advanced encryption and activity logging, keep your confidential data secure. You can create up to 64 user accounts, which can communicate and manage port access through a message board. An external USB port lets you connect a flash drive or card reader to share external data among connected computers.

Features

Complete Control from Anywhere

- Built-in IP access lets you control up to 16 computers directly from the next room, next door, or the next continent
- Remotely access computers via LAN, WAN or the Internet via Windows or Java
- Panel Array Mode allows remote monitoring of multiple ports at the same time

Highlights

- Controls up to 16 computers remotely via LAN, WAN or Internet
- Installs in just 1U to save rack space
- Works with all major operating systems and browsers
- Protects data with 3 security levels (Admin, User and Select)
- Enables up to 64 secure user accounts

System Requirements

- Any major operating system
- Any major web browser
- Pentium III 1 GHz processor
- DirectX 7.0 or higher (Windows) or Java 2 1.4.2 or higher (Java)
- Network transfer speed of 128 Kbps or higher
- HD15 port
- USB or PS/2 keyboard/mouse ports

Package Includes

- B020-U16-19-IP NetDirector 16-Port 1U Rack-Mount Console IP KVM Switch
- (2) P778-Series USB/PS2 combo KVM cable kits, 6 ft.
- USB/PS2 combo external console cable kit
- Grounding wire
- RJ11 to DB9 firmware upgrade cable
- C13 to NEMA 5-15P power cord
- Mounting hardware
- CD with Owner's Manuals and device files

- Windows- and Java-based applications provide access without a browser
- Advanced on-screen display supports video resolutions up to 1280 x 1024 (@ 75 Hz) at the built-in 19-inch monitor and up to 1600 x 1200 (@ 60 Hz) at the remote console

Built-In Security to Keep Your Data Safe
- 3 levels of security (Admin, User and Select) allow you to delegate proper access
- Create up to 64 separate user accounts
- Features advanced encryption technologies, such as 512-bit RSA, 256-bit AES, 56-bit DES, 168-bit 3DES, 128-bit RC4 and 128-bit SSL
- Supports RADIUS and LDAP/S remote authentication
- LEDs indicate when a computer is connected, powered on and selected
- Included firmware upgrade cable keeps the software up to date

Versatile to Meet Your Specific Needs
- Compatible with all major operating systems
- User-friendly web management interface can be displayed in English, Spanish, French, German or Italian
- Included P778-Series cable kits let you use either USB or PS/2 keyboards and mice
- Supports both IPv4 and IPv6, as well as Link Local IPv6 Address and IPv6 Stateless Auto Configuration protocol
- External USB 1.1 port lets you add a flash drive or card reader to share external data among connected computers

Keep Your Colleagues in the Loop
- Windows-based log server records events and saves them to a searchable database
- Users who are logged in simultaneously can communicate via message board and manage port access

Rack-Mounted Convenience
- LCD folds down so the unit mounts into just 1U of rack space
- Mounts in racks from 26 in. to 38 in. deep
- Rugged steel housing and premium connectors built to last
- Console locks into place when not in use to prevent sliding out of the rack

Specifications

OVERVIEW	
Users	1
Max CPU	16
INPUT	
Recommended Electrical Service	100-250V
Maximum Input Amps	1
PHYSICAL	
Unit Dimensions (hwd / in.)	1.73 x 18.9 x 27
Unit Dimensions (hwd / cm)	4.39 x 48.00 x 68.58

Unit Weight (lbs.)	31
Unit Weight (kg)	14.06
Housing Color	Black
LCD Monitor (in.)	19
LCD Monitor (cm)	48.26

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
PC/Server Connections	PS/2; USB; VGA

SPECIAL FEATURES	
Cat5 KVM Switch	No

FEATURES & SPECIFICATIONS	
Autoscan (Y,N)	Y
Autoscan Duration	1 - 255 seconds

CERTIFICATIONS	
Certifications	UL 60950-1 (USA), CAN/CSA (Canada), FCC Part 15 Class A, CE, EN 60950-1
Approvals	UL, cUL, CE, FCC, RoHS
NIAP-Certified Secure	No

WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty