

To obtain a copy of the owner's manual for your B020-U08-19-IP or [B020-U16-19-IP](#) KVM, please contact Product/Technical Support – (773) 869-1234. You will need to have the serial number for your product at the time of the call. Should you experience any inconsistencies in upgrading firmware or lengthy load times, please contact the Product/Tech Support team at Tripp Lite.

## NetDirector 8-Port 1U Rack-Mount Console KVM Switch with 19-in. LCD and IP Remote Access

MODEL NUMBER: **B020-U08-19-IP**



Control up to 8 computers from anywhere in the world with a single KVM switch with integrated console and IP remote access. This KVM switch is a smart solution for secure server control that saves rack space and money.

### Description

Tripp Lite's B020-U08-19-IP KVM Switch gives you a rack-mountable keyboard, LCD and touchpad in a single console that occupies only 1U of rack space. From across the room, down the street or halfway around the globe, the B020-U08-19-IP can be accessed from any computer on the LAN, WAN or Internet. Easy to install and use, it's the optimal solution for controlling up to 8 computers/servers. Increase the number of connected computers up to 256 by daisy-chaining up to 31 B022-U08 KVM switches.

The B020-U08-19-IP has a built-in 19" LCD screen that supports video resolutions up to 1280 x 1024 @ 75Hz, with remote monitor resolutions up to 1600 x 1200 @ 60Hz. You can switch easily between the 8 ports using on-console push buttons, an on-screen display (OSD) or keyboard hot key commands. Up to 64 users can be authorized with any combination of admins and users. Multi-level security enhances protection of data and equipment.

This switch controls PS/2 or USB computers/servers using a P778-Series Combo KVM Cable Kit (two cable kits are included). A USB port on the front of the keyboard lets you connect an external mouse, plus an external USB 1.1 port means you can add a peripheral that can be shared across all connected servers. When not in use, the B020-U08-19-IP stores neatly in a rack drawer and pulls out when needed. This KVM console is compatible with all major operating systems. Heavy-duty steel housing stands up to frequent use.

### Features

### Highlights

- Control computers/servers locally or via LAN, WAN or Internet
- Occupies just 1U of space in a rack-mountable drawer
- 19" LCD screen supports video resolutions up to 1280 x 1024
- Allows up to 64 user accounts, with multi-level security
- Compatible with all operating systems

### System Requirements

- Servers being connected to the KVM must have a HD15 port, and a USB port or PS/2 Keyboard/Mouse ports; a P778-Series combo KVM cable kit is required for each connected computer
- Computers that access the KVM remotely should have at least a Pentium III, 1GHz processor
- If remote computer is accessing the switch with Windows Client, DirectX 7.0 or higher is needed; if accessing the switch with Java Client, Sun's Java 2 (1.4.2 or higher) runtime environment must be installed
- A network transfer speed of 128Kbps or higher is recommended
- Supports Internet Explorer, Firefox, Mozilla, Safari, Chrome, Opera and Netscape web browsers
- Compatible with all major

### **Saves Space and Money**

- Combines 8-port KVM switch, 19-in. LCD screen, keyboard and touchpad in a 1U rack-mountable drawer – ideal when rack space is at a premium
- Mounts into 19"-wide rack, 26"-38" deep
- Flip-up/fold-down screen keeps console from blocking access to rack equipment when not in use

### **IP Remote Access for Fewer Trips to the Server Room**

- Remote access offers convenience of controlling servers from anywhere...no need to travel to the server room or network closet
- Supports both IPv4 and IPv6 and network interfaces TCP/IP, HTTP, HTTPS, RADIUS, DHCP, SSL, ARP, DNS, 10Base-T/100Base-TX, Auto Sense and Ping

### **Simplifies IT Tasks**

- Switch easily between the 8 ports via on-console buttons, on-screen display or hot keys; OSD can be set to English, Spanish, French, German or Japanese
- Panel array mode lets you monitor multiple ports at same time
- Supports RADIUS and LDAP/S authentication
- Auto-scan mode automatically sequences through all active ports accessible to the user
- Includes USB port for an external mouse and a USB 1.1 port for sharing a peripheral across the installation
- Log server tracks events on your installation

### **Large 19" LCD**

- Extra-wide display makes multitasking easier
- Supports video resolutions up to 1280 x 1024; remote monitor resolutions up to 1600 x 1200
- DDC emulation allows for optimal output to the LCD

### **Advanced Security Features**

- Includes password protection and advanced encryption: 512-bit RSA, 256-bit AES, 56-bit DES, 168-bit 3DES, 128-bit RC4 and 128-bit SSL
- Allows up to 64 user accounts, with 3 levels of access

### **Expandability and Long-Lasting Reliability**

- Increase the number of connected computers up to 256 by daisy-chaining up to 31 B022-U08 KVM switches
- Compatible with all major operating systems for easy integration into existing structure
- Firmware is upgradable so your software remains up-to-date
- Heavy-duty steel housing stands up to frequent use

operating systems

- Power consumption: 120V, 60Hz, 33.5W; 230V, 50Hz, 34W

### **Package Includes**

- B020-U08-19-IP 8-Port console KVM switch with 19" LCD and built-in IP access
- (x2) P778-Series 6 ft. USB/PS2 combo KVM Cable Kits
- USB/PS2 combo external console Cable Kit
- Grounding wire
- RJ11 to DB9 firmware upgrade cable
- Rackmount hardware
- C13 to 5-15P power cord
- CD with owner's manual, quick start guide, and device files

## **Specifications**



<b>OVERVIEW</b>	
UPC Code	037332152886
Max CPU	8
<b>INPUT</b>	
Nominal Input Voltage(s) Supported	100V AC; 110V AC; 115V AC; 120V AC; 127V AC; 140V AC; 200V AC; 208V AC; 220V AC; 230V AC; 240V AC
Recommended Electrical Service	100-250V
Maximum Input Amps	1
Input Frequency	50/60Hz
Input Current	120V (0.8A) / 230V (0.4A)
<b>PHYSICAL</b>	
Housing Color	Black
LCD Monitor (cm)	48.26
LCD Monitor (in.)	19
Shipping Dimensions (hwd / cm)	13.00 x 66.50 x 83.01
Shipping Dimensions (hwd / in.)	5.12 x 26.18 x 32.68
Shipping Weight (kg)	18.14
Shipping Weight (lbs.)	40.00
Unit Dimensions (hwd / cm)	4.39 x 48.00 x 68.58
Unit Dimensions (hwd / in.)	1.73 x 18.9 x 27
Unit Weight (kg)	14.06
Unit Weight (lbs.)	31
<b>ENVIRONMENTAL</b>	
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)
<b>COMMUNICATIONS</b>	
Port Control	Push Buttons, Hotkeys, OSD
IP Remote Access	Yes
<b>CONNECTIONS</b>	
Ports	8
PC/Server Connections	PS/2; USB; VGA



<b>FEATURES &amp; SPECIFICATIONS</b>	
Autoscan (Y,N)	Y
Autoscan Duration	1 - 255 seconds
Number of Users	1
NIAP-Certified Secure	No
Cat5 KVM Switch	No
Technology	PS/2; USB; VGA/SVGA
<b>CERTIFICATIONS</b>	
Certifications	UL 60950-1 (USA), CAN/CSA (Canada), FCC Part 15 Class A, CE, EN 60950-1
Approvals	UL, cUL, CE, FCC, RoHS
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	1-year limited warranty

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