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## Model #: B020-U08-19-IP

### Console KVM Switch - 8-Port NetDirector 1U Rackmount Console IP KVM Switch w/19" LCD



#### Highlights

- 1U Console KVM Switch with built-in IP access – integrated 19 in. LCD monitor, keyboard and touchpad
- Control up to 8 directly connected computers, or expand the number of computers to up to 504 by daisy-chaining additional B022-U16 KVM switches
- Remotely access computers via LAN, WAN or Internet
- Supports RADIUS and LDAP/S authentication
- 3-level security (Admin, User and Select) – up to 64 accounts can be created
- Compatible with all major operating systems

#### Description

The B020-U08-19-IP Console KVM Switch with built-in IP access allows secure access to multiple computers from a single KVM (keyboard, monitor and mouse) console. A single B020-U08-19-IP can directly control up to 8 computers. By daisy-chaining up to 31 B022-U16 KVM switches, the number of connected computers can be expanded to 504. It consists of an integrated 19" LCD monitor, keyboard and touch pad in a 1U rackmountable, retractable sliding housing.

The B020-U08-19-IP uses TCP/IP for its communications protocol, allowing it to be accessed from any computer on the LAN, WAN or Internet whether that computer is located down the hall, down the street, or halfway around the world. Constructed of heavy-duty steel housing.

#### System Requirements

- Computers being connected to the KVM must have a HD15 port, and a USB port or PS/2 Keyboard/Mouse ports
- Computers that remotely access the KVM should have at least a Pentium III, 1GHz processor
- Users accessing the KVM with the Windows Client must have a Windows computer with DirectX 7.0 or higher installed. DirectX is available for free download at <http://www.microsoft.com/downloads>
- Users accessing the KVM with the Java Client must have Java 2 (1.4.2 or higher) installed on their computer. Java is available for free download at <http://www.java.sun.com>
- A network transfer speed of 128Kbps or higher is recommended for best results
- Supports Internet Explorer, Firefox, Mozilla, Safari, Chrome, Opera and Netscape web browsers
- Compatible with all major operating systems

#### Package Includes

- B020-U08-19-IP 8-Port console KVM switch with built-in IP access
- (x2) 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
- Quick start guide

#### Features

- 1U Console KVM Switch with built-in IP access, integrated 19 in. LCD monitor, keyboard and touchpad
- P778-Series USB/PS2 Combo KVM cable kits allow you to connect either USB or PS/2 computers
- Control up to 8 computers on a single KVM switch - expand the number of connected computers to up to 504 by daisy-chaining up to 31

B022-U16 KVM switches

- Remotely access computers via LAN, WAN or Internet
- AP Windows and Java Clients allow the KVM to be remotely accessed via the network without going through a browser
- External USB 1.1 port allows USB peripheral devices to be shared amongst connected computers
- An additional external USB port is conveniently located on the front of the keyboard panel for an optional external mouse
- 3-level security (Admin, User and Select); up to 64 accounts can be created
- Panel Array Mode - remotely monitor multiple ports at the same time
- CD includes a Windows-based log server that records events on the installation and writes them to a searchable database
- Advanced encryption technologies: 512-bit RSA, 256-bit AES, 56-bit DES, 168-bit 3DES, 128-bit RC4 and 128-bit SSL
- Supports RADIUS and LDAP/S authentication
- Network interfaces: TCP/IP, HTTP, HTTPS, RADIUS, DHCP, SSL, ARP, DNS, 10Base-T/100Base-TX, Auto Sense and Ping
- Supports video resolutions up to 1280 x 1024 @ 75Hz (built-in monitor) and 1600 x 1200 @ 60Hz (remote console)
- Compatible with all major operating systems
- Constructed of heavy-duty steel housing

## Specifications

OVERVIEW	
# Of Users	1
Port Control	Push Buttons, Hotkeys, OSD
Max CPU	504
Unit Dimensions (HWD/in.)	1.73 x 18.9 x 27
IP Remote Access	YES, BUILT IN
INPUT	
Recommended Electrical Service	100-250V
Maximum Input Amps (A)	1
PHYSICAL	
Unit Dimensions (HWD/cm)	4.39 x 48.00 x 68.58
Unit weight (lbs)	31
Unit weight (kg)	14.06
Housing Color	Black
Style	1U Rackmount Console
LCD Monitor (in.)	19
LCD Monitor (cm)	48.26
ENVIRONMENTAL	
Relative Humidity	0 to 80% RH, Non-Condensing
Operating Temperature	0 to 50 C (32 to 122 F)
Storage Temperature	-20 to 60 C (-4 to 140 F)
CONNECTIONS	
Ports	8
Daisy-Chain Port	1 x DB25 Male
FEATURES/SPECIFICATIONS	

<b>Autoscan (Y,N)</b>	Y
<b>Autoscan Duration</b>	1 - 255 seconds
<b>CERTIFICATIONS</b>	
<b>Approvals</b>	UL, cUL, CE, FCC, RoHS
<b>WARRANTY</b>	
<b>Product Warranty Period (Worldwide)</b>	1-year limited warranty

## Related Items

### Required Products

Related Model	Description	Qty.
<a href="#">P778-006</a>	6-ft. KVM Switch USB/PS2 Combo Cable for B020-U08/U16 and B022-U16 KVMs	1
<a href="#">P778-010</a>	10-ft. KVM Switch USB/PS2 Combo Cable for B020-U08/U16 and B022-U16 KVMs	1
<a href="#">P778-015</a>	15-ft. KVM Switch USB/PS2 Combo Cable for B020-U08/U16 and B022-U16 KVMs	1

### Optional Products

Related Model	Description	Qty.
<a href="#">B019-000</a>	KVM Switch Accessories - 2-Post Rackmount Bracket for B020,B021, B040, and B070 Consoles and KVM Consoles	1
<a href="#">B022-U16</a>	KVM Switch - 16-Port NetDirector 1U Rackmount KVM Switch	1
<a href="#">B070-016-19-IP</a>	NetCommander 19" Console w/ 16-Port Cat5 IP KVM Switch	1
<a href="#">N001-007-GY</a>	7-ft. Cat5e 350MHz Snagless Molded Cable (RJ45 M/M) - Gray	1
<a href="#">N001-010-GY</a>	10-ft. Cat5e 350MHz Snagless Molded Cable (RJ45 M/M) - Gray	1
<a href="#">N001-014-GY</a>	14-ft. Cat5e 350MHz Snagless Molded Cable (RJ45 M/M) - Gray	1
<a href="#">P032-007</a>	7-ft. 12AWG Heavy Duty Power cord ( IEC-320- C13 to IEC-320-C20	1
<a href="#">P054-006</a>	6-ft. Power cord (IEC-320-C13 to SCHUKO CEE 7/7)	1
<a href="#">P056-006</a>	6-ft. Power cord (IEC-320-C13 to BS-1363 UK Plug)	1
<a href="#">WEXT3-KVM-CONS</a>	3-Year Warranty (2-Year Extension) - For all Console KVMs	1
<a href="#">WEXT5-KVM-CONS</a>	5-Year Warranty (4-Year Extension) - For all Console KVMs	1

More information, including related products, owner's manuals, and additional technical specifications, can be found online at [www.tripplite.com/en/products/model.cfm?txtModelID=4584](http://www.tripplite.com/en/products/model.cfm?txtModelID=4584).

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