

## NetDirector 16-Port 1U Rack-Mount Console KVM Switch with 19-in. LCD + 8 PS2/USB Combo Cables

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



Control up to 16 computers with a single KVM switch with integrated console. This KVM switch is a smart solution for secure and centralized server control that saves rack space and money.

### Features

#### Saves Space and Money

- Combines a 16-port KVM switch, 19" LCD screen, full keyboard and touchpad in a 1U rack-mountable drawer
- Mounts into 19"-wide rack, 26"-38" deep
- Gives you control of up to 16 servers from a single, easily accessible console – ideal when rack space is at a premium
- Includes eight P778-Series cables that support computers with either PS/2 or USB connections
- Flip-up/fold-down screen keeps the console from blocking access to rack equipment when not in use
- Eliminates need to buy costly separate monitors, keyboards and mice for each computer/server

#### Simplifies IT Tasks

- Switch easily between the 16 ports via on-console buttons, on-screen display or hot keys; OSD can be set to English, Spanish, French, German or Japanese
- Hot pluggable; add or remove computers without having to power down the switch
- Auto-scan mode automatically sequences through all active ports that are accessible to the user

#### Large 19" LCD

- Extra-wide display makes multitasking easier
- Supports video resolutions up to 1280 x 1024
- DDC emulation allows the video settings of each computer to be automatically adjusted for optimal

### Highlights

- Occupies just 1U of space in a rack-mountable drawer
- 19" LCD screen supports video resolutions up to 1280 x 1024
- Simplifies IT tasks with easy switching between all 16 ports
- Provides 2-level password security (administrator and user)
- Combo cables (included) connect to PS/2 or USB servers

### System Requirements

- Computer with HD15 port, and USB port or PS/2 keyboard/mouse ports
- P778-006 USB/PS2 combo KVM cable kit is required for each connected computer/server
- Compatible with all major operating systems
- Power consumption: 120V, 60Hz, 28.5W; 230V, 50Hz, 29.1W

### Package Includes

- B020-U16-19-K 1U rackmount console KVM switch with 19" LCD
- (x8) P778-006 6-ft. (1.83 m) USB/PS2 combo KVM cable kits
- USB/PS2 combo console cable kit
- RJ11 to DB9 firmware upgrade cable
- C13 to 5-15P power cord
- Grounding wire
- Rackmount hardware



output to the LCD

#### Multi-Level Password Security

- Enhances security by limiting access to an administrator and up to 4 local users
- Two-level log-out allows for manual log-out or automatic log-out after a user-defined period of time has passed

#### Future Expandability and Long-Lasting Reliability

- Increase the number of connected computers up to 264 by daisy-chaining up to 31 B022-U08 KVM switches
- A console cable kit is included so you can connect the external console port to a keyboard, mouse or monitor, or a Tripp Lite B051-000 IP Remote Access Unit
- An additional USB port on the front of the unit lets you connect an external USB mouse; a USB port is also available to share a peripheral such as a flash drive or external hard drive with all the connected servers
- Compatible with all major operating systems for easy integration into your existing structure
- Firmware is upgradable with included cable and utility
- Heavy-duty steel housing stands up to frequent use

- CD with owner's manual
- Quick start guide

## Specifications

OVERVIEW	
UPC Code	037332150769
Console	Yes
Max CPU	16
Technology	PS/2; USB; VGA/SVGA
VIDEO	
Max Supported Video Resolution	1280 x 1024 @60Hz at the built-in 19-inch monitor and up to 2048 x 1536 @60Hz (external)
INPUT	
Nominal Input Voltage(s) Supported	100V AC; 110V AC; 120V AC; 127V AC; 200V AC; 208V AC; 220V AC; 230V AC; 240V AC
Input Frequency	50/60Hz
Input Current	120V (1.2A) / 230V (0.7A)
PHYSICAL	
Color	Black
Included Mounting Accessories	Yes



LCD Monitor (cm)	48.26
LCD Monitor (in.)	19
Shipping Dimensions (hwd / cm)	12.70 x 66.29 x 82.55
Shipping Dimensions (hwd / in.)	5.00 x 26.10 x 32.50
Shipping Weight (kg)	19.05
Shipping Weight (lbs.)	42.00
Unit Dimensions (hwd / cm)	4.45 x 43.18 x 68.58
Unit Dimensions (hwd / in.)	1.75 x 17 x 27
Unit Weight (kg)	14.20
Unit Weight (lbs.)	31.3
<b>ENVIRONMENTAL</b>	
Storage Temperature Range	-4 Degrees F to 140 degrees F (-20 to +60 C)
Relative Humidity	0 to 80% RH, Non-condensing
Operating Temperature	32 Degrees F to 120 Degrees F (0 to 50 C)
BTUs	26.9 BTUs at 120Vac /27.9 BTUs at 220Vac
<b>COMMUNICATIONS</b>	
Port Control	Push Buttons, Hotkeys, OSD
IP Remote Access	No
<b>CONNECTIONS</b>	
Ports	16
Computer/Server Ports	(x16) HD18 (Female)
Firmware Upgrade Port	RJ11
PC/Server Connections	PS/2; USB; VGA
Side A - Connector 1	(16) HD18 (FEMALE)
Side B - Connector 1	HD18 (MALE)
Side B - Connector 2	(1) DB25 (MALE)
Side B - Connector 3	(2) USB A (FEMALE)
Side B - Connector 4	(1) RJ11 (FEMALE)
Computer Keyboard and Mouse Interface	PS/2; USB
Computer Monitor Interface	VGA
Console Keyboard and Mouse Interface	PS/2
Console Monitor Interface	VGA



<b>FEATURES &amp; SPECIFICATIONS</b>	
Autoscan (Y,N)	Y
Autoscan Duration	1-255 Seconds
Number of Users	1
NIAP-Certified Secure	No
USB Specification	USB 2.0 (up to 480 Mbps)
Cat5 KVM Switch	No
<b>STANDARDS &amp; COMPLIANCE</b>	
Certifications	UL 60950-1 (USA), CAN/CSA (Canada), FCC Part 15 Class A, CE, IEC 60950-1
Approvals	UL, cUL, CE, FCC, RoHS
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	1-year limited warranty

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