

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

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



Control up to 8 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 an 8-port KVM switch, 19" LCD screen, full keyboard and touchpad in a 1U rack-mountable drawer
- Mounts into 19"-wide rack, 26"-38" deep
- Control up to 8 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 8 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 optimal 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

#### Expandability and Long-Lasting Reliability

- Increase the number of connected computers up to 256 by daisy-chaining up to 31 B022-U08 KVM switches

### 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 8 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-U08-19-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
- Quick start guide



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- A console cable kit is included so you can connect the external console port to a keyboard, mouse or monitor, or a 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

## Specifications

| OVERVIEW                                  |   |
|---|---|
| UPC Code                                  | 037332150776  |
| Console                                   | Yes   |
| Max CPU                                   | 8   |
| Technology                                | PS/2; VGA/SVGA  |
| VIDEO                                     |   |
| Number of Monitors Supported              | 1   |
| Max Supported Video Resolution            | 1280 x 1024 @60Hz   |
| Max Number of Ports (Entire Chain)        | 64  |
| Extended Mode                             | No  |
| Mirror Mode                               | No  |
| INPUT                                     |   |
| AC Power Adapter Plug(s)                  | NEMA 1-15P North America  |
| AC Power Adapter Input Specs (V / Hz / A) | 100-240V / 50/60Hz / 1A   |
| AC Power Adapter Cord Length (ft.)        | 6   |
| AC Power Adapter Cord Length (m)          | 1.8   |
| 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 |
| Input Frequency                           | 50/60Hz   |
| Input Current                             | 120V (0.8A) / 230V (0.4A)   |
| OUTPUT                                    |   |
| Frequency Compatibility                   | 50 / 60 Hz  |
| POWER                                     |   |
| Power Source Type                         | Power Cord  |
| Power Consumption (Watts)                 | 28.50   |



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|                                 |   |
|---------------------------------|---|
| Power Consumption Detail        | (28.5W at 120V, 60Hz) / (29.1W at 230V, 50Hz) |
| <b>CONNECTIONS</b>              |   |
| Number of Ports                 | 8   |
| Computer/Server Ports           | SPHD-18 (VGA, PS/2, USB)                      |
| Daisy-Chain Port                | Yes   |
| Firmware Upgrade Port           | Yes   |
| PC/Server Connections           | PS/2; USB; VGA                                |
| Side A - Connector 1            | (8) HD18 (FEMALE)                             |
| Side B - Connector 1            | (1) HD15 (MALE)                               |
| Side B - Connector 2            | (1) DB25 (MALE)                               |
| Side B - Connector 3            | (1) RJ11 (FEMALE)                             |
| Side B - Connector 4            | (2) USB A (FEMALE)                            |
| <b>PHYSICAL</b>                 |   |
| Color                           | Black   |
| Material of Construction        | Metal; Plastic                                |
| Cable Jacket Color              | Black   |
| LCD Monitor (cm)                | 48.26   |
| LCD Monitor (in.)               | 19  |
| Rackmountable                   | Yes   |
| Shipping Dimensions (hwd / in.) | 5.00 x 26.10 x 32.50                          |
| Shipping Dimensions (hwd / cm)  | 12.70 x 66.29 x 82.55                         |
| Shipping Weight (lbs.)          | 43.00   |
| Shipping Weight (kg)            | 19.50   |
| Unit Dimensions (hwd / in.)     | 1.750 x 19.000 x 27.000                       |
| Unit Dimensions (hwd / cm)      | 4.45 x 43.18 x 68.58                          |
| Unit Weight (lbs.)              | 30.6  |
| Unit Weight (kg)                | 13.88   |
| <b>ENVIRONMENTAL</b>            |   |
| Operating Temperature Range     | 32° to 122°F (0° to 50°C)                     |
| Storage Temperature Range       | -4° to 140°F (-20° to 60°C)                   |
| Relative Humidity               | 0-80% non-condensing                          |
| Operating Temperature           | 32° to 122°F (0° to 50°C)                     |
| BTUs                            | 26.1 BTUs at 120Vac/ 27.2 BTUs at 220Vac      |



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| COMMUNICATIONS                      |  |
|-------------------------------------|--|
| Hotkey                              | Yes  |
| Port Control                        | Push Buttons, Hotkeys, OSD Mouse Switching   |
| IP Remote Access                    | No   |
| FEATURES & SPECIFICATIONS           |  |
| USB Specification                   | USB 2.0 (up to 480 Mbps)   |
| NIAP-Certified Secure               | No   |
| Number of Users                     | 1  |
| Autoscan (Y,N)                      | Y  |
| Autoscan Duration                   | 1-255 Seconds  |
| STANDARDS & COMPLIANCE              |  |
| Product Certifications              | EN 60950-1; CAN/CSA C22.2; CAN/CSA-C22.2 No. 60950-1 (Canada); cUL Listed; UL 60950-1; UL Listed |
| Product Compliance                  | RoHS; CE (Europe); FCC Part 15 Class A (USA); Trade Agreements Act (TAA)                         |
| WARRANTY & SUPPORT                  |  |
| Product Warranty Period (Worldwide) | 1-year limited warranty  |

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