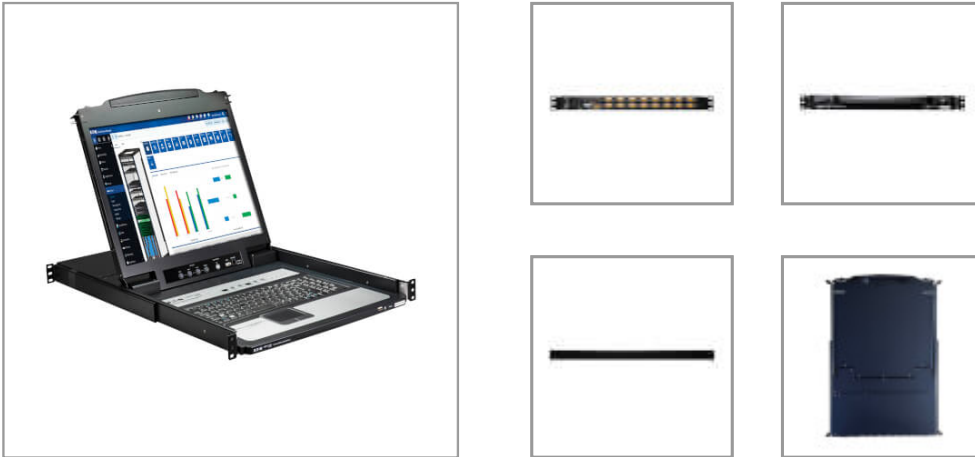


## NetDirector 16-Port 1U Rack-Mount Console KVM Switch with 19 in. LCD, French Keyboard

MODEL NUMBER: B020-U16-19-KF



Controls up to 16 servers or computers from one French keyboard, mouse and monitor housed in 1U of rack space.

### Features

#### Connect 16 Computers or Servers to a Single Monitor, Mouse and French Keyboard

This NetDirector® rack-mount KVM switch lets you access, control, boot and reboot up to 16 computers or servers at the same time. All 16 devices share one built-in 19-inch LCD, touchpad, mouse and 105-key French keyboard, allowing you to control the devices from the next room, next door or another continent.

#### Connect up to 264 Computers to One Original Console

You can also cascade up to 31 B020-U16-19-KF KVM switches, allowing centralized access to as many as 264 computers using a single monitor, French keyboard and mouse.

#### Switching Between Computers Is Fast and Easy

Use the front-panel push buttons, hotkey commands or multi-lingual On-Screen Display (OSD) with text-based interface for quick and easy toggling between computers. You can use Auto Scan mode to scan all connected computers in five-second intervals automatically. Adding and removing computers can be done without powering down the hot-pluggable KVM switch.

#### Cables Are Included for Fast and Simple Setup

The B020-U16-19-KF supports both PS/2 and USB connections using a P778-Series combo cable kit. Eight kits come included with the B020-U16-19-KF. Because compatibility is based on common hardware standards rather than system software dependencies, almost any platform can be accommodated. Connect multiple versions of multiple platforms in any combination, including Windows and Linux operating systems. The firmware is upgradable using the included cable to ensure software remains up to date.

#### USB Ports Let You Share Peripherals between Computers

The built-in USB ports allow you to share USB-A peripherals, such as a flash drive or card reader, among all connected computers.

#### Transmits High-Definition Video

The B020-U16-19-KF supports video resolutions up to 1280 x 1024 (at 75 Hz) at the built-in 19-inch monitor and 2048 x 1536 (at 60 Hz) at an external display. DDC emulation allows video settings of each connected computer to be automatically adjusted for optimal output to the LCD.

#### Multi-Level Password Security Keeps Your Data Safe

### Highlights

- Controls up to 16 servers or computers
- Can daisy-chain up to 31 KVM switches to control 264 computers from one console
- External USB ports let you share USB peripherals among connected computers
- Easy switching among all 16 ports simplifies IT tasks and improves your application
- 2 levels of password security (Admin and User) allow you to delegate proper access

### System Requirements

- Any major operating system
- Any major web browser
- HD15 port
- USB or PS/2 keyboard/mouse ports

### Package Includes

- B020-U16-19-KF 16-Port 1U KVM Switch
- (8) P778-006 USB/PS2 combo KVM cable kits
- USB/PS2 combo external console cable kit
- Grounding wire
- RJ11 to DB9 firmware upgrade cable
- C13 to C14 power cord
- Rack-mounting hardware
- Quick start guide



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The B020-U16-19-KF enhances security by limiting access to an administrator and up to four local users. Two levels of password protection (Admin and User) help prevent unauthorized persons from gaining access to connected servers.

**Designed for Convenient Mounting with Included Hardware**

The heavy-duty steel housing comes with mounting hardware for 1U installation in an EIA-standard 19-inch rack from 26 to 38 inches deep. The LCD folds down when not in use, and the console locks into place to prevent sliding out of the rack. The detachable six-foot C13-to-C14 power cord connects the KVM switch to an AC power source.

## Specifications

| OVERVIEW                                  |   |
|---|---|
| UPC Code                                  | 037332284204  |
| Console                                   | Yes   |
| Max CPU                                   | 16  |
| Technology                                | PS/2; VGA/SVGA  |
| VIDEO                                     |   |
| Number of Monitors Supported              | 1   |
| Resolutions Supported                     | 1280 x 1024 @60Hz at the built-in 19-inch monitor and up to 2048 x 1536 @60Hz (external)          |
| Max Supported Video Resolution            | 1280 x 1024 @60Hz at the built-in 19-inch monitor and up to 2048 x 1536 @60Hz (external)          |
| Max Number of Ports (Entire Chain)        | 128   |
| Extended Mode                             | No  |
| Mirror Mode                               | No  |
| HDR Support                               | No  |
| 3D Video Supported                        | No  |
| INPUT                                     |   |
| AC Power Adapter Plug(s)                  | IEC-320-C14   |
| AC Power Adapter Input Specs (V / Hz / A) | 250V / 50/60Hz / 10A  |
| 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 |
| Recommended Electrical Service            | 100-250V  |
| Maximum Input Amps                        | 1.0   |
| Input Frequency                           | 50/60Hz   |
| Input Current                             | 120V (0.8A) / 230V (0.4A)   |
| Power Input Receptacle                    | IEC-320-C14   |
| Redundancy - Dual Power Inputs            | No  |



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|  |   |
|--|---|
| Bus Powered                                  | No  |
| <b>OUTPUT</b>                                |   |
| Frequency Compatibility                      | 50 / 60 Hz  |
| <b>CONNECTIONS</b>                           |   |
| Number of Ports                              | 16  |
| 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                         | (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>USER INTERFACE, ALERTS &amp; CONTROLS</b> |   |
| LED Indicators                               | PORT LEDs: Online: 16x (Orange) Port ID: 1x 2-digit, 7-Segment (Yellow) Station ID: 1x 2-digit, 7-Segment (Yellow) Power: 1x (Dark Green) Lock: 1x Num Lock (Green) 1x Caps Lock (Green) 1x Scroll Lock (Green) |
| <b>PHYSICAL</b>                              |   |
| Color  | Black   |
| Material of Construction                     | Metal; Plastic  |
| Cable Jacket Color                           | Black   |
| Housing Color                                | Black   |
| LCD Monitor (cm)                             | 48.26   |
| LCD Monitor (in.)                            | 19  |
| Total Number of Ports                        | 16  |
| Rackmountable                                | Yes   |
| Shipping Dimensions (hwd / in.)              | 5.11 x 26.18 x 32.67  |
| Shipping Dimensions (hwd / cm)               | 13.00 x 66.50 x 82.98   |
| Shipping Weight (lbs.)                       | 42.50   |



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|                                      |  |
|--------------------------------------|--|
| Shipping Weight (kg)                 | 19.28                                    |
| Unit Dimensions (hwd / in.)          | 1.728 x 18.890 x 27.000                  |
| Unit Dimensions (hwd / cm)           | 4.45 x 43.18 x 68.58                     |
| Unit Packaging Type                  | Box                                      |
| Unit Weight (lbs.)                   | 31.3                                     |
| Unit Weight (kg)                     | 14.20                                    |
| Rack Units                           | 1  |
| <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                    | 0-85% non-condensing                     |
| Operating Temperature                | 32° to 122°F (0° to 50°C)                |
| BTUs                                 | 26.9 BTUs at 120Vac /27.9 BTUs at 220Vac |
| <b>COMMUNICATIONS</b>                |  |
| Hotkey                               | Yes                                      |
| Port Control                         | Push Buttons, Hotkeys, OSD               |
| IP Remote Access                     | No                                       |
| EDID Compatible                      | No                                       |
| IR Remote Extension Support          | No                                       |
| <b>PORT EXPANSION</b>                |  |
| Daisy-chainable or Cascadable        | DAISYCHAIN                               |
| <b>FEATURES &amp; SPECIFICATIONS</b> |  |
| USB Specification                    | USB 2.0 (up to 480 Mbps)                 |
| NIAP-Certified Secure                | No                                       |
| Number of Users                      | 1  |
| Autoscan (Y,N)                       | Y  |
| On-Screen Display (OSD)              | No                                       |
| Port Selection                       | Hotkey; OSD; Pushbutton                  |
| Driver Required                      | No                                       |
| Autoscan Duration                    | USER DEFINEABLE (1 TO 255)               |
| <b>REMOTE ACCESS</b>                 |  |
| Modem Port                           | No                                       |



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| STANDARDS & COMPLIANCE              |   |
|-------------------------------------|---|
| Product Certifications              | CAN/CSA-C22.2 No. 62368-1 (Canada); IEC 62368-1; UL 62368-1                   |
| Product Compliance                  | CE (Europe); FCC Part 15 Class A (USA); FCC Part 15 Class B (USA); RoHS; UKCA |
| WARRANTY & SUPPORT                  |   |
| Product Warranty Period (Worldwide) | 3-year limited warranty   |

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