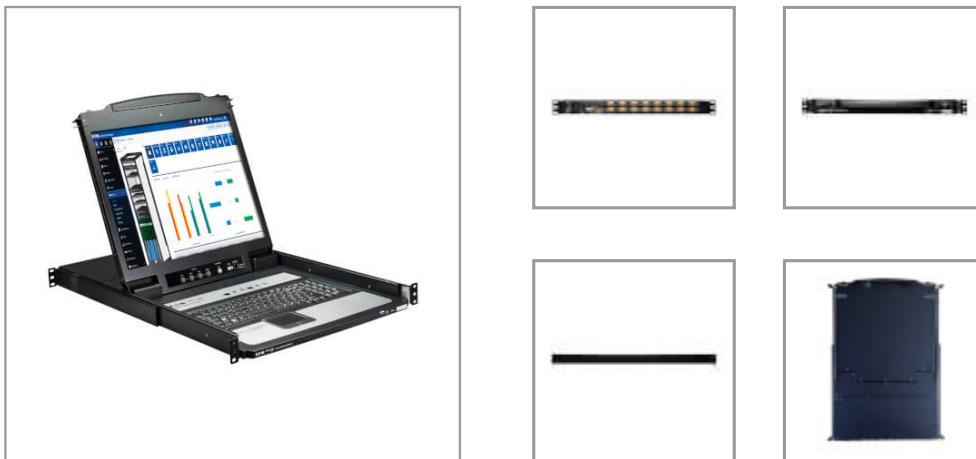# NetDirector 16-Port 1U Rack-Mount Console KVM Switch with 19 in. LCD, French Keyboard

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

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

Bus Powered	No

OUTPUT	
Frequency Compatibility	50 / 60 Hz

CONNECTIONS	
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

USER INTERFACE, ALERTS & CONTROLS	
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)

PHYSICAL	
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

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

ENVIRONMENTAL	
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

COMMUNICATIONS	
Hotkey	Yes
Port Control	Push Buttons, Hotkeys, OSD
IP Remote Access	No
EDID Compatible	No
IR Remote Extension Support	No

PORT EXPANSION	
Daisy-chainable or Cascadable	DAISYCHAIN

FEATURES & SPECIFICATIONS	
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)

REMOTE ACCESS	
Modem Port	No

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