4-Port 1U Rack-Mount USB/PS2 KVM Switch with On-Screen Display

MODEL NUMBER: **B042-004**

Description

This NetController® 4-port 1U rack-mount KVM Switch is an affordable, highly flexible enterprise-class KVM Switch, which allows the user to connect either USB or PS/2 keyboards and mice. In addition, P780-Series USB/PS2 combo KVM cable kits allow you to connect either USB or PS/2 computers without the need to purchase separate cables or adapters. Control up to four directly connected computers, or expand the number of connected computers to up to 244 by daisy-chaining up to 15 additional B042-Series KVM switches. Switch between connected computers via the On-Screen Display (OSD), push buttons or keyboard hotkey commands. Other features include: password protection, auto-scanning, auto-logout, firmware upgrade and video support up to 2048 x 1536 (QXGA). Mounts easily in a standard 19-inch rack/cabinet and includes all necessary mounting hardware. Compatible with all major operating systems. Constructed of heavy-duty steel housing.

Features

- NetController 4-Port, 1U rackmount KVM switch
- Control 4 computers via a single VGA monitor and USB or PS/2 keyboard/mouse
- P780-Series USB/PS2 combo KVM cable kits allow you to connect either USB or PS/2 computers, without the need to purchase separate cables or adapters
- Control up to 244 computers by daisychaining up to 15 additional B042-Series KVM switches
- Allows for easy customization of ports by daisy-chaing any combination of B042-Series KVM's (4-, 8- or 16-port)
- Standard 19" Rackmount size - hardware included
- On-Screen Display (OSD) menu for intuitive operation and easy control
- Switch between connected computers via the On-Screen Display (OSD), pushbuttons, or keyboard hotkey commands
- Supports video resolution up to 2048 x 1536
- Password protection and auto-logout features
- Firmware upgradeable
- Robust metal case design ensures best EMI/RFI shielding and video quality
- Hot-swappable: disconnect and reconnect USB computers without rebooting
- Supports standard 5-button Microsoft, Logitech, or comparable mice
- Supports standard Microsoft, Logitech, or comparable keyboards

- Compatible with all major operating systems
- Constructed of heavy-duty steel housing

Specifications

OVERVIEW	
UPC Code	037332143266
Console	No
Max CPU	244
Technology	PS/2; VGA/SVGA

VIDEO	
Max Supported Video Resolution	2048 x 1536 @60Hz
Max. Distance (Between any 2 Units)	98ft (30m)
Max Number of Ports (Entire Chain)	244

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 Output Specs (V / A)	9V / 1.33A
AC Power Adapter Cord Length (ft.)	5
AC Power Adapter Cord Length (m)	1.5
Voltage Compatibility (VAC)	100; 110; 120; 127; 200; 208; 220; 230; 240

POWER	
Power Source Type	AC Adapter
AC Adapter	Input: 100-240V, 50/60Hz, 0.3A / Output: 9V, 1.33A
DC Barrel Plug	OD: 5.5 x 2.1 x 9.5mm, Positive Pin, Negative Sleeve
Power Consumption (Watts)	4.9

CONNECTIONS	
Number of Ports	4
Daisy-Chain Port	Yes
PC/Server Connections	PS/2; USB; VGA
Side A - Connector 1	(4) HD15 (FEMALE)
Side B - Connector 1	(2) HD15 (FEMALE)

Side B - Connector 2	HD15 (MALE)
Side B - Connector 3	(2) USB A (FEMALE)
Side B - Connector 4	(2) MINI DIN-6 (FEMALE)
Included Cable (Side A) - Connector 1	No
Computer Keyboard and Mouse Interface	PS/2; USB
Computer Monitor Interface	VGA
Console Keyboard and Mouse Interface	PS/2; USB
Console Monitor Interface	VGA
Connector Plating	Nickel

USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Red (Link); Green (Selected PC)

PHYSICAL	
Color	Black
Material of Construction	Steel
Rackmountable	Yes
Shipping Dimensions (hwd / in.)	2.80 x 17.30 x 11.50
Shipping Dimensions (hwd / cm)	7.11 x 43.94 x 29.21
Shipping Weight (lbs.)	6.10
Shipping Weight (kg)	2.77
Unit Dimensions (hwd / in.)	1.750 x 19.000 x 6.500
Unit Packaging Type	Box
Unit Weight (lbs.)	4.19
Unit Weight (kg)	1.90

ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	-4° to 140°F (-20° to 60°C)
Relative Humidity	0%-90% RH, Non-Condensing
BTUs	16.7 BTU/Hr
ESD Protection	Yes

COMMUNICATIONS	
Hotkey	Yes
IP Remote Access	No

EDID Compatible	Yes

PORT EXPANSION

Daisy-chainable or Cascadable	Daisychainable

FEATURES & SPECIFICATIONS

NIAP-Certified Secure	No
Number of Users	1
On-Screen Display (OSD)	Yes
Port Selection	Pushbutton; Hotkey; OSD
Driver Required	No

STANDARDS & COMPLIANCE

External Power Supply Certifications	CB; FCC; TUV; UL; cUL
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA)

WARRANTY & SUPPORT

Product Warranty Period (Worldwide)	3-year limited warranty