NetDirector 8-Port DisplayPort KVM Switch Console with 17 in. LCD, IP Remote Access, Dual Rail, 1U Rack-Mount

MODEL NUMBER: **B030-DP08-17DIP**

DisplayPort KVM switch allows complete remote access and control of 8 DisplayPort computers or servers using one monitor, keyboard and mouse.

Features

Connects 8 DisplayPort Computers or Servers to a Single Monitor, Keyboard and Mouse
This NetDirector® DisplayPort KVM switch combines a rack-mountable keyboard, 17-inch LCD, touchpad, built-in IP remote access and eight DisplayPort inputs into a compact housing that occupies only 1U of rack space. Control, boot and reboot up to eight DisplayPort computers or servers at the same time remotely 24/7. No adapters are needed for connecting DisplayPort-enabled equipment.

Offers Both Local and Remote Control Options
From across the room, down the street or halfway around the globe, you can access and control up to eight connected computers or servers from any computer via LAN, WAN or Internet. Easy to install and use, the B030-DP08-17DIP lets you handle complex problems without needing to be on-site, which saves money and time. It supports IPv4, IPv6, Link Local IPv6 Address and IPv6 Stateless Auto configuration protocols. You may set the IP address manually or have it automatically assigned via DHCP server (the default method). AP Windows- and Java non-browser client applications allow the KVM switch to be remotely accessed via the network without a browser.

Saves Valuable Space and Keeps Your Operating Costs Low
All connected DisplayPort computers or servers share a single monitor, keyboard and mouse, which saves space in your rack or workspace. DDC emulation allows each computer's settings to adjust automatically for optimal screen output. Eliminating the cost of buying monitors, adapters, keyboards and mice for all eight connected devices keeps your TCO (total cost of ownership) low.

17 in. LCD Supports Crystal-Clear 1080p Video
The dual-rail B030-DP08-17DIP supports high-definition video resolutions up to 1920 x 1080 (1080p) at 60 Hz. The wide display flips up to provide access to connected computers, making multitasking easier and more convenient, and folds down to prevent the console from blocking adjacent rack equipment when not in use. The LCD and the keyboard/touchpad are on separate rails, so the LCD can remain open while the keyboard/touchpad is stored out of the way, keeping the rack aisle clear.

Switching Between Computers Is Fast and Easy
Use the on-console push buttons, keyboard hotkey commands or multi-lingual local console On-Screen Display (OSD) to quickly toggle between connected computers. You can also use the Auto Scan feature to scan all connected computers in five-second intervals automatically. Orange LEDs indicate which

Highlights

- Allows remote access of computers from anywhere 24/7 via LAN, WAN or Internet
- 17 in. LCD with wide display supports HD video resolutions up to 1920 x 1080 @ 60 Hz
- Dual-rail design allows LCD to stay open while keyboard/touchpad slides into the rack
- Multiple levels of password protection prevent unauthorized access to servers
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Applications

Access and control, either locally or remotely, up to 8 computers and servers with DisplayPort video ports

System Requirements

- Resolution settings of all connected displays must not exceed 1920 x 1080 @ 60 Hz
- DisplayPort graphics card
- USB keyboard/mouse ports
- Windows, macOS, Linux, UNIX or Novell operating system
- DisplayPort monitor and USB keyboard/mouse (optional external console)

Package Includes

- B030-DP08-17DIP 8-Port DisplayPort KVM Switch Console
- (2) DisplayPort cables, 6 ft.
- (2) USB 2.0 A/B cables, 6 ft.
- RJ11 firmware upgrade cable
- C13 to NEMA 5-15P power cord
- Grounding wire
- CD with owner's manual
- Quick Start Guide

computer is currently selected. Computers or servers can be quickly added or removed without having to power down the KVM switch. Also features a USB 1.1 hub port on the front of the console for the connection of a USB peripheral device such as a flash drive or external mouse.

Multi-Level Password Security Keeps Your Private Data Private
The B030-DP08-17DIP offers three levels of password protection (super administrator, administrator and user) to prevent unauthorized persons from gaining access to connected servers/computers. Up to 64 users can be authorized and 32 remote users logged on concurrently. Remote authentication support is provided via RADIUS, LDAP, LDAPS and MS Active Directory. The B030-DP08-17DIP also incorporates advanced encryption technologies: 56-bit DES, 168-bit 3DES, 256-bit AES, 128-bit RC4, 128-bit SSL and 1024-bit RSA.

Long-Lasting Reliability and Compatibility
This DisplayPort KVM switch mounts easily into 1U of space in an EIA-standard 19-inch rack with the included brackets (optional B019-000 – sold separately – allows mounting in a 2-post rack). The B030-DP08-17DIP is compatible with all major operating systems, including Windows and macOS, for simple integration into your existing structure. Mac/Sun keyboard emulation also is supported. The RJ11 port allows you to upgrade the KVM switch's firmware using the included cable.

TAA-Compliant for GSA Schedule Purchases
The B030-DP08-17DIP is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

Specifications

OVERVIEW	
UPC Code	037332258700
Max CPU	8
Technology	DisplayPort

VIDEO	
Number of Monitors Supported	1
Max Supported Video Resolution	1920 x 1080 (including 1080p) @60Hz
Max Number of Ports (Entire Chain)	8
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
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
Input Frequency	50/60Hz
Input Current	1A

Power Input Receptacle	IEC-320-C14
Redundancy - Dual Power Inputs	No
CONNECTIONS	
Number of Ports	8
Daisy-Chain Port	No
Firmware Upgrade Port	No
PC/Server Connections	DisplayPort; USB
Side A - Connector 1	(8) DISPLAYPORT (FEMALE)
Side A - Connector 2	(8) USB B (FEMALE)
Side B - Connector 1	DISPLAYPORT (FEMALE)
Side B - Connector 2	(2) USB A (FEMALE)
Side B - Connector 3	RJ45 (FEMALE)
Side B - Connector 4	USB A (FEMALE)
Computer Keyboard and Mouse Interface	USB
Computer Monitor Interface	Displayport
Console Keyboard and Mouse Interface	USB
Console Monitor Interface	Displayport
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	(x8) On Line, (x8) Selected, (x1) Power, (x3) Caps/Num/Scroll Lock, (1) LCD Monitor Power Off, RJ45 Port: (x1) Link, (x1) Data Transfer
PHYSICAL	
Color	Black
Material of Construction	Metal; Plastic
LCD Monitor (in.)	17
Rackmountable	Yes
Shipping Dimensions (hwd / in.)	5.70 x 27.00 x 33.50
Shipping Dimensions (hwd / cm)	14.48 x 68.58 x 85.09
Shipping Weight (lbs.)	42.90
Shipping Weight (kg)	19.46
Unit Dimensions (hwd / in.)	1.730 x 18.900 x 26.770
Unit Packaging Type	Box
Unit Weight (lbs.)	31
Unit Weight (kg)	14.06

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% to 80% RH, Non-Condensing
Operating Temperature	32° to 104°F (0° to 40°C)

COMMUNICATIONS	
Hotkey	Yes
Port Control	Push Buttons, Hotkeys, OSD, Remote Toolbar
IP Remote Access	Yes
Network Compatibility	1000 Mbps

FEATURES & SPECIFICATIONS	
USB Hub Ports	Yes
Number of USB Hub Ports	1
USB Specification	USB 1.1 (up to 12 Mbps)
NIAP-Certified Secure	No
Number of Users	1
Autoscan (Y,N)	Y
On-Screen Display (OSD)	Yes
Port Selection	GUI; Hotkey; OSD; Pushbutton
Displayport Specification	1.1
HDCP Specification	1.4
Authentication Supported	LDAP; LDAPS; MS Active Directory; RADIUS
Autoscan Duration	1-255 seconds; User-definable (default 5 seconds)
Recommended Category Cable	Cat5e/6

BUILT-IN CONSOLE	
Console Screen Size (inches)	17

REMOTE ACCESS	
Modem Port	No

STANDARDS & COMPLIANCE	
Product Compliance	RoHS; REACH; Trade Agreements Act (TAA)

WARRANTY & SUPPORT	

Product Warranty Period (Worldwide)	1-year limited warranty