

# DVNET-8P

Share a DVI-D Monitor, USB 2.0, 1.1 or 1 Devices, Stereo Audio Components Between 8 Computers for Increased Productivity and Network Flexibility



The DVNET-8P Cross-Platform Switch Makes it Possible to Easily Share a DVI-D Monitor, Stereo Audio or USB Devices Seamlessly Between 8 Macs or PCs

Smart-AVI's family of DVI switches has been developed with multiple applications in mind, from industrial workstations to digital signage monitoring. This gives system architects and administrators alike flexibility and the power of cross-platform computer integration in a shared environment.

## Features

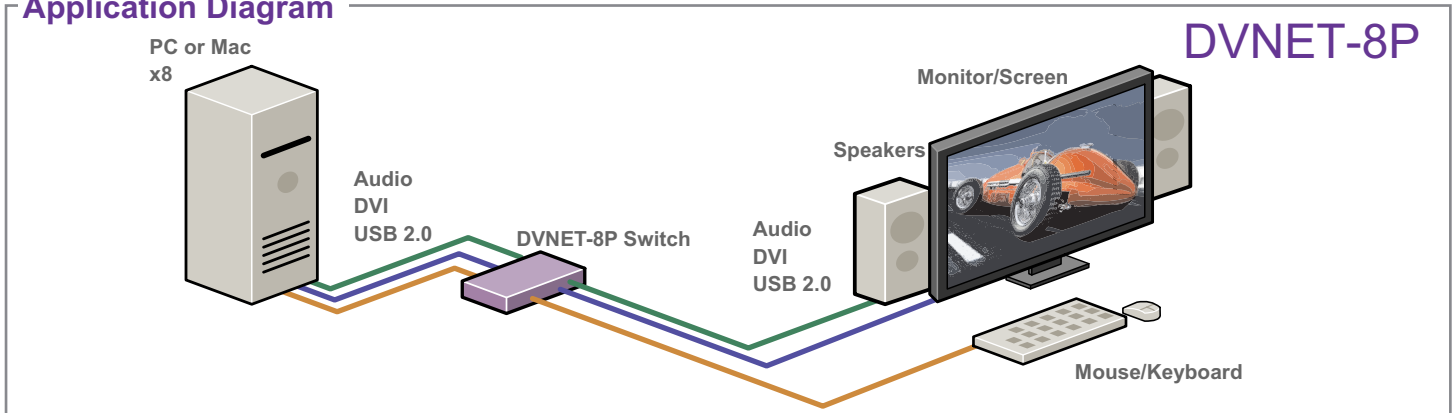
- Supports PC and Mac DVI-D Signals
- Resolutions up to 1920 x 1200
- Zero Pixel Loss
- DDC for PC, Mac
- Can Learn any DDC from any DVI Screen
- Maintains Highest Quality DVI Single Link Resolution
- Supports Windows®, Mac, Linux and Sun Platforms
- DVI Output Regenerates TMDS Digital Video
- Output Capable of Driving Cable up to 25 Feet
- Full DVI, Audio and USB 2.0 Switching
- USB Transparent
- Supports all USB Devices 1.0, 1.1 and 2.0
- USB Output Regenerates with USB Hub
- Front Panel Switch for Computer Selection
- Select Computer via RS-232 Command
- Select Computer via IR Remote Control
- External Power Supply
- Reduces Space Requirements
- Provides Noiseless Operation at Remote Station
- Allows Placement of CPUs Away from Harsh Work Environments
- USB 2-Port Switch for Sharing Devices
- USB 1 and 2 Compliant
- Driver-Free, Plug-and-Play Hardware

## Share Components Easily and Seamlessly

DVNET-8P has been specifically designed to be compact and aesthetically easy for seamless system integration.

Users in many environments and scenarios will find Smart-AVI's DVNET-8P an invaluable resource when it is necessary to share CPUs, USB devices and stereo audio components in delicate, secure or harsh environments such as recording studios, medical facilities or factories where the surroundings may be detrimental to system hardware.

### Application Diagram



### Applications

In the medical or industrial field, where it may not be practical (or safe) to have one or more CPUs in the general vicinity, Smart-AVI's DVI switch series is the perfect solution, allowing for either PC or Mac signals to be extended from computer to monitor (30 feet from computer to DVI switch, and then 30 feet from DVI switch to remote monitor/display point).

Another practical use for one of our DVI switches would be for media recording studios, where soundproofing and space issues come into play. Using a DVI switch eliminates the inherent "hum" of a powered CPU and gives you the freedom of using your keyboard, mouse and monitor without having to find room for the computer itself in the same workspace.

- Home Theater Integration
- Digital Signage Deployment
- Industrial Environment
- Information Kiosks/Displays
- Theme Park/Resort Design
- Medical Equipment
- Film/Recording Studios



### Technical Specs

#### Video

DVI-D, DVI-single link: 1920 x 1200 at 60 Hz  
Bandwidth 1.65G  
connectors, DVI-D Female x 9  
Internal DDC Learning

#### USB

USB, 1.0, 1.1 and 2.0  
internal 2.0 Hub  
Connectors inputs 8 USB type B  
output 2 USB type A

#### Audio

Audio Frequency Response 20 Hz to 20 kHz  
Audio Impedance 600 ohm  
Audio Nominal Level 0 - 1.0V  
Common Mode Rejection 60 dB  
connectors 3.5mm Audio JACKx9

**Dimensions:** 11.125" W x 6.00"L x 2.625" H

**Weight :** 1lb-12oz

**Power** — External: 100–240 VAC/5 VDC 6A

#### Control

Front Panel with Seven Segment and 2 tact switch  
RS232 Via Software ,9600bps  
IR, Via remote control with IR-eye type 3  
Power Supply  
External switching: 100–240 VAC/5 VDC 3A  
Power Consumption 15W  
Temperature Operating: 32 to 131 F (0 to 55 C)  
Storage: -4 to 185 F (-20 to 85 C)  
Humidity: up to 95%

**\* NO KEYBOARD OR MOUSE EMULATION**

### Order Info

DVN-8P

DVNET-8P, 8X1 DVI-D, USB2.0, Audio switch Includes: [DVN-8P a (PS5VD3A)]

Many leading companies have recognized and embraced the innovation of Smart-AVI's technologies and have successfully incorporated them into their organizations. Users of Smart-AVI include:



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