TECHNICAL SPECIFICATION

VIDEO

Format	DVI-D Single Link, DVI 1.0
Maximum Pixel Clock	165 MHz
Input Interface	(8) DVI-D 29-pin
Output Interface	(1) DVI-D 29-pin
Resolution	Up to 1920 x 1200 @60Hz
DDC	5 volts p-p (TTL)
Input Equalization	Automatic
Input Cable Length	Up to 20 ft
Output Cable Length	Up to 20 ft

AUDIO

Input Interface	(8) 3.5 mm Stereo Audio
Output Interface	(1) 3.5 mm Stereo Audio
Impedance	600 Ohm
Frequency Response	20 Hz to 20 kHz
Nominal Level	0-1.0 V
Common Mode	Rejection at 60 dB

USB

Signal Type	USB 2.0, 1.1, and 1.0 w/ internal hub
Input Interface	(8) USB Type B
Output Interface	(2) USB 1.1 Type A for KVM Devices; (2) USB 2.0 Type A Transparent

CONTROL

Front Panel	Tactile Switch, with Seven Segment Display
RS-232	Via Control @ 9600 bps N,8,1, No Flow Control
Hot Keys	Via Keyboard

OTHER

Power	External 100-240 VAC/ 5VDC4A
Dimensions	16.9" W x 1.7" H x 6.5" D
Weight	2.6 lbs
Approvals	UL, CE, ROHS Compliant
Operating Temp.	0-55 °C (32-131 °F)
Storage Temp.	-20-85 °C (-4-185 °F)
Humidity	Up to 95%
Emulation	Keyboard and Mouse

WHAT'S IN THE BOX

PART NO.	Q-TY	DESCRIPTION
DVN-8PRO-S	1	8x1 DVI-D, USB 2.0, Audio Switch
PS5VDC4A	1	PS5VD4A Power Supply
Quick Start Guide	1	

NOTICE

DESIGNED AND MADE IN THE USA

800.AVI.2131, 702.800.0005
2455 W Cheyenne Ave, Suite 112
North Las Vegas, NV 89032

SmartAVI.com

Smart-AVI
SMART AUDIO VIDEO INNOVATION

DVN-8PRO

8-Port DVI-D KVM Switch with USB 2.0 and Audio

ACCESS AND CONTROL
8 COMPUTERS USING
ONLY ONE USB KEYBOARD,
USB MOUSE AND
DVI-D MONITOR

Quick Start Guide

ABOUT SFX

DVN-8Pro is a dedicated multi-platform KVM switch capable of managing up to 8 different computers through a single DVI-D monitor, USB keyboard & mouse, a single set of speakers and a USB 2.0 Device.
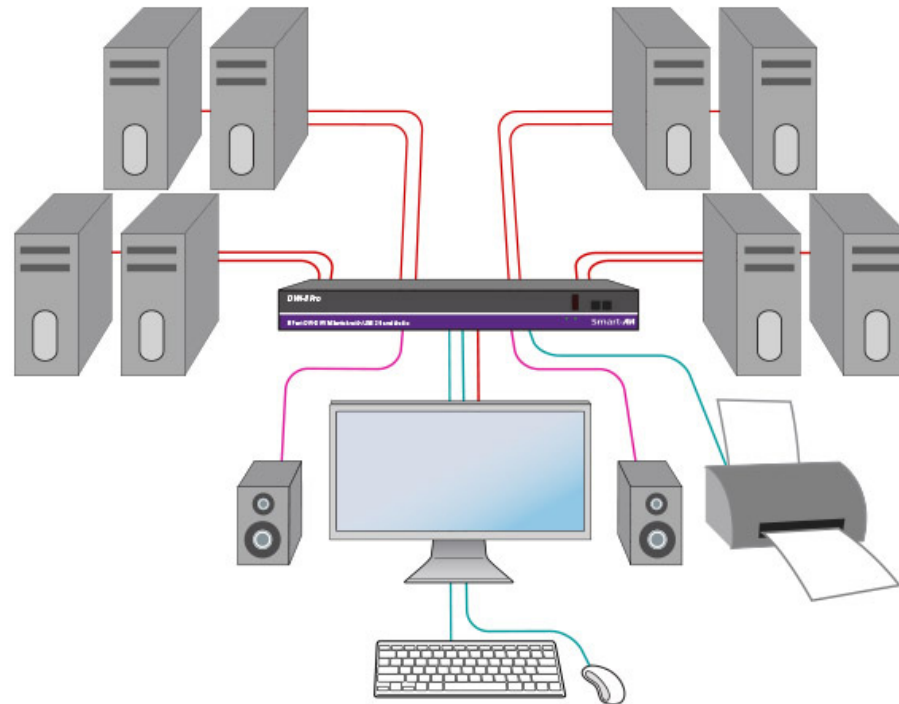
The USB emulation technology utilized by DVN-8Pro enables immediate hotkey source switching through a remote USB keyboard and mouse. DVN-8Pro uses single link connectors providing high resolutions of up to 1920x1200 with zero pixel loss from TMDS signal correction.

FEATURES

- Supports Mac, PC, Linux and Sun Mac OS, Sun OS, Unix
- Supports High Resolution 1920x1200 60Hz WUXGA
- Uses universal DVI Single Link connectors
- Zero pixel loss with TMDS signal correction
- Supports all USB 2.0 Devices
- Control Sun, Mac or PC computers from a common KVM console
- Compatible with all major software including Windows, Linux, Mac OS, Sun OS, Unix
- Rack mountable in a standard 19 inch rack
- Flash upgradeable firmware
- Front panel keys for selecting users and channels manually
- Supports USB keyboard and mouse
- Balanced stereo audio output
- RS-232 control for remote control
- Optional TCP/IP control
- Hot-key commands for quick channel selection.
- Independent (asynchronous) switching of KVM and peripheral USB/audio ports. Users can listen to audio from one computer while working on the other or scan a document and save in another computer.
- Complete keyboard emulation for error free booting
- Superior video quality - 1920 x 1200 @ 60 Hz

HARDWARE INSTALLATION

1. Ensure that power is disconnected from DVN-8Pro.
2. Connect the DVI cables, USB cables (male-A to male-B), and audio cables (Optionally) from the computers to the respective ports on the DVN-8Pro.
3. Optionally connect RS-232 for control functions.
4. Connect the USB keyboard & mouse to the two USB ports labeled for keyboard & mouse.
5. Optionally connect USB peripherals to the 2 USB ports labeled USB 2.0.
6. Optionally connect the speakers to the Audio Out port.
7. Connect the display monitor to the DVI OUT connector on the DVN-8Pro.
8. Power on the DVN-8Pro.

DVN-8PRO FRONT

DVN-8PRO BACK