

## TECHNICAL SPECIFICATION

VIDEO	
Format	DVI-D Single Link, DVI 1.0
Maximum Pixel Clock	165 MHz
Input Interface	(16) 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	(16) 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	(16) 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 3.5" H x 7" D
Weight	5.1 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-16PRO-S	1	16 Port DVI-D, USB 2.0, Audio Switch
PS5VDC4A	1	PS5VDC4A Power Supply
Quick Start Guide	1	

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SMART AUDIO VIDEO INNOVATION

# DVN-16PRO

## 16-Port DVI-D KVM Switch with USB 2.0 and Audio



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

**Quick Start Guide**

## ABOUT SFX

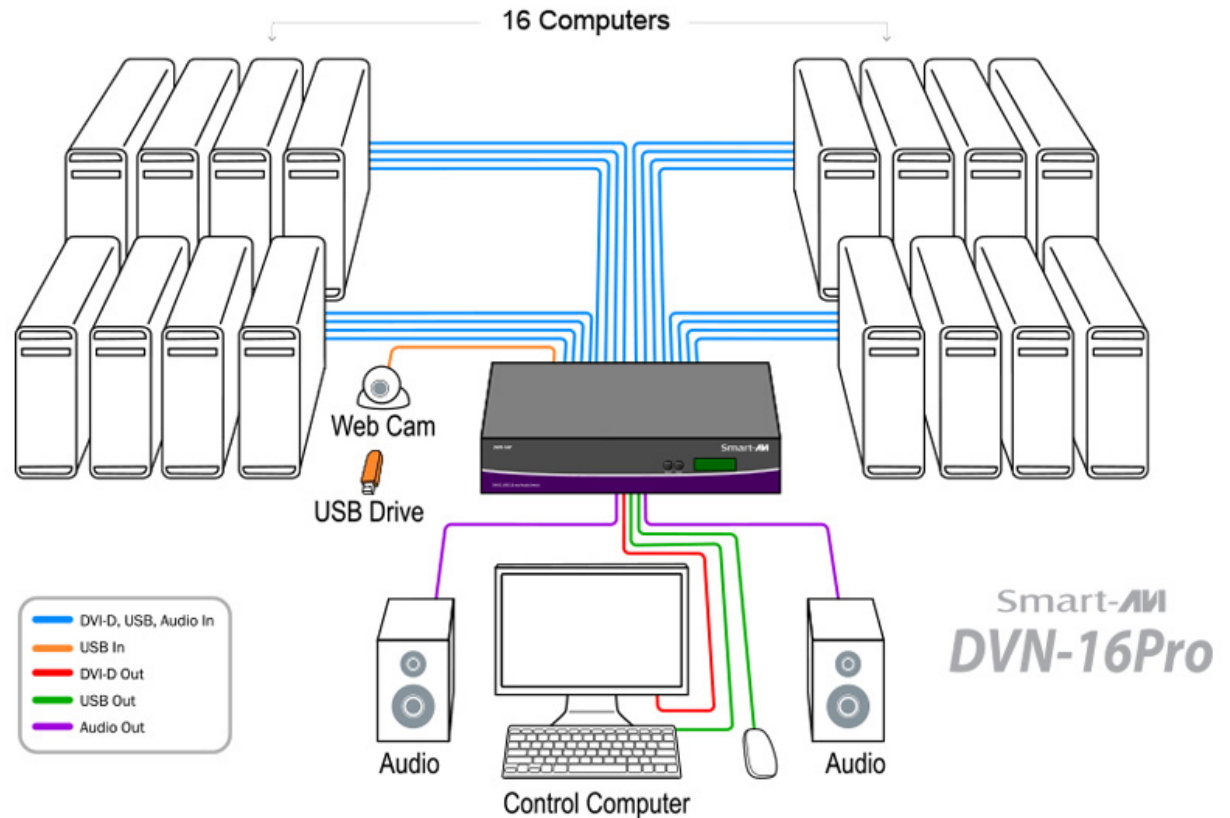
DVN-16Pro is a dedicated multi-platform KVM switch capable of managing up to 16 different computers through a single DVI-D monitor, USB keyboard & mouse, a single set of speakers and USB 2.0 device sharing. USB emulation technology utilized by DVN-16Pro enables immediate hotkey source switching through a remote USB keyboard and mouse. DVN-16Pro provides 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-16Pro.
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-16Pro.
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-16Pro.
8. Power on the DVN-16Pro.



## DVN-16PRO FRONT



## DVN-16PRO BACK

