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	(2) 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	(4) 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	(4) 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	12.5" W x 2.5" H x 6.4" D
Weight	3.2 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-4DUO-S	1	4 Port Dual DVI-D, USB 2.0, Audio Switch
PS5VDC4A	1	PS5VD4A Power Supply
Quick Start Guide	1	

NOTICE

The information contained in this document is subject to change without notice. SmartAVI makes no warranty of any kind with regard to this material, including but not limited to, implied warranties of merchantability and fitness for particular purpose. SmartAVI will not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance or use of this material.
No part of this document may be photocopied, reproduced, or translated into another language without prior written consent from SmartAVI Technologies, Inc.

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-4DUO

4-Port Dual DVI-D KVM Switch with USB 2.0 and Audio

ACCESS AND CONTROL 4 DUAL DISPLAY COMPUTERS USING ONLY ONE USB KEYBOARD AND ONE USB MOUSE

Quick Start Guide

ABOUT SFX

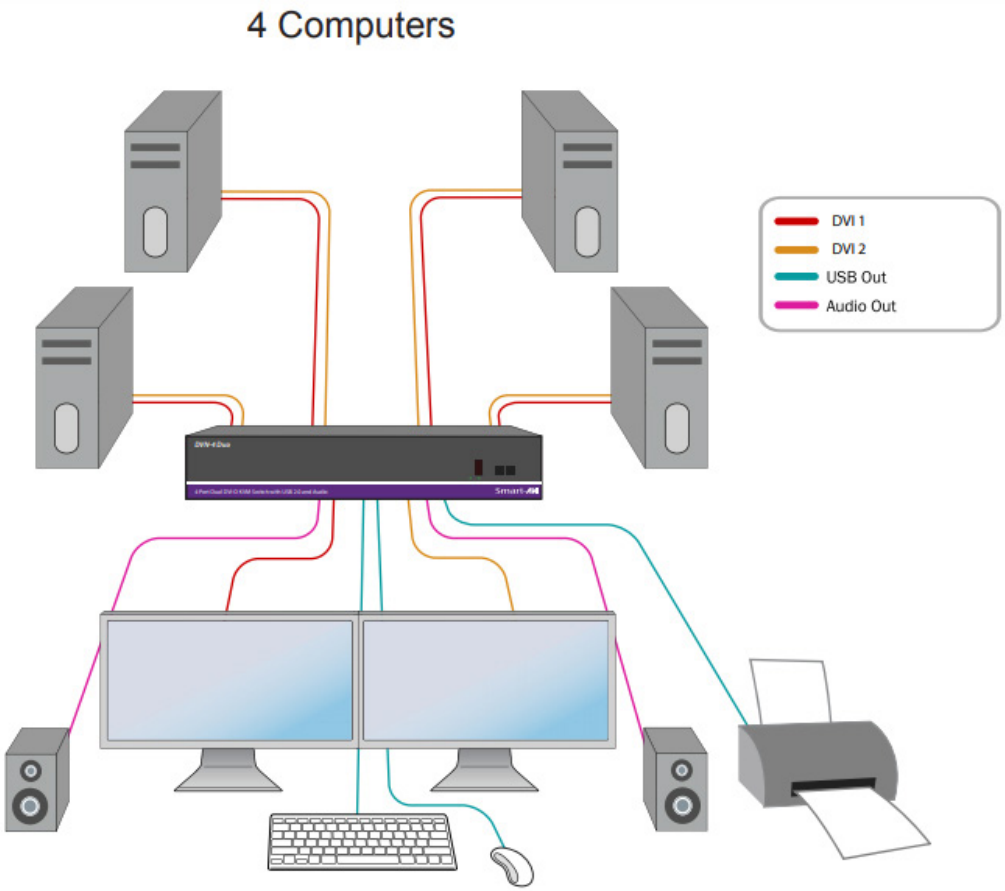
DVN-4Duo is a dedicated multi-platform KVM switch capable of managing up to 4 different computers through two DVI-D monitors, one USB keyboard & mouse, a single set of speakers and a USB 2.0 Device.
The USB emulation technology utilized by DVN-4Duo enables immediate hotkey source switching through a remote USB keyboard and mouse. DVN-4Duo 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-Duo.
2. Connect the DVI cables, USB cables (male-A to maleB), and audio cables from the computers to the respective ports on the DVN-4Duo.
3. Optionally connect RS-232 for control functions.
4. Connect the USB keyboard and mouse on the two USB ports on the right (close to the RS-232 port).
   Note: The 2 ports on the right are dedicated for keyboard and mouse emulation. The 2 on the left are for other USB peripherals (flash drives, printers, etc.)
5. Connect the speakers into the Audio Out port located above the USB ports.
6. Connect 2 display monitors the 2 DVI OUT connector on the DVN-Duo.
7. Power on the DVN-4Duo.



DVN-4DUO FRONT

DVN-4DUO BACK