

TECHNICAL SPECIFICATIONS

VIDEO	
Format	DVI-D Single Line
Maximum Pixel Clock	165 MHz
Input Interface	(2) DVI-D 29-pin female
Output Interface	(1) DVI-D 29-pin female
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	
Frequency Response	20 Hz to 20 KHz
Impedance	600 ohm
Nominal Level	0-1.0 V
Common Mode	Rejection at 60dB
Input Interface	(2) 3.5 mm Stereo Audio
Output Interface	(1) 3.5 mm Stereo Audio
USB	
Signaling	USB 2.0, 1.1 and 1.0 w/ Internal Hub
Input Interface	(2) USB Type B
Output Interface	(2) USB Type A
CONTROL	
Front Panel	Button
RS-232	DB9 Female, 9600 bps, N, 8 1, No flow control
OTHER	
Power Supply	5VDC2A
Weight	.65 lbs.
Dimensions	6.75"W x 3.75"D x 1.8"H
Approvals	UL, CE, ROHS Compliant
Operating Temp.	32 to 131 °F (0 to 55 °C)
Storage Temp.	-4 to 185 °F (-20 to 85 °C)
Humidity	Up to 95% (No Condensation)
Emulation	No Keyboard or Mouse Emulation

WHAT'S IN THE BOX

PART NO.	QTY	DESCRIPTION
DVN-2PS	1	2X1 DVI-D, Audio switch
PS5VDC2A	1	Power Adapter
	1	Quick Start Guide

NOTICE

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20161028



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Smart-AVI
SMART AUDIO VIDEO INNOVATION

DVN-2P

2-Port KVM Switch
with Stereo Audio



Control 2 Computers, PC or Mac
on one DVI-D Display Up To 20
Feet Away with USB 2.0 Keyboard
and Mouse, Stereo Audio and RS-
232 Remote Control

Quick Start Guide

Introduction

The DVN-2P is a cross-platform KVM switch capable of sharing one DVI-D Monitor between two computers, PC or Mac. Switch between and control two computers equipped with DVI-D on a single screen, saving money and desktop space.

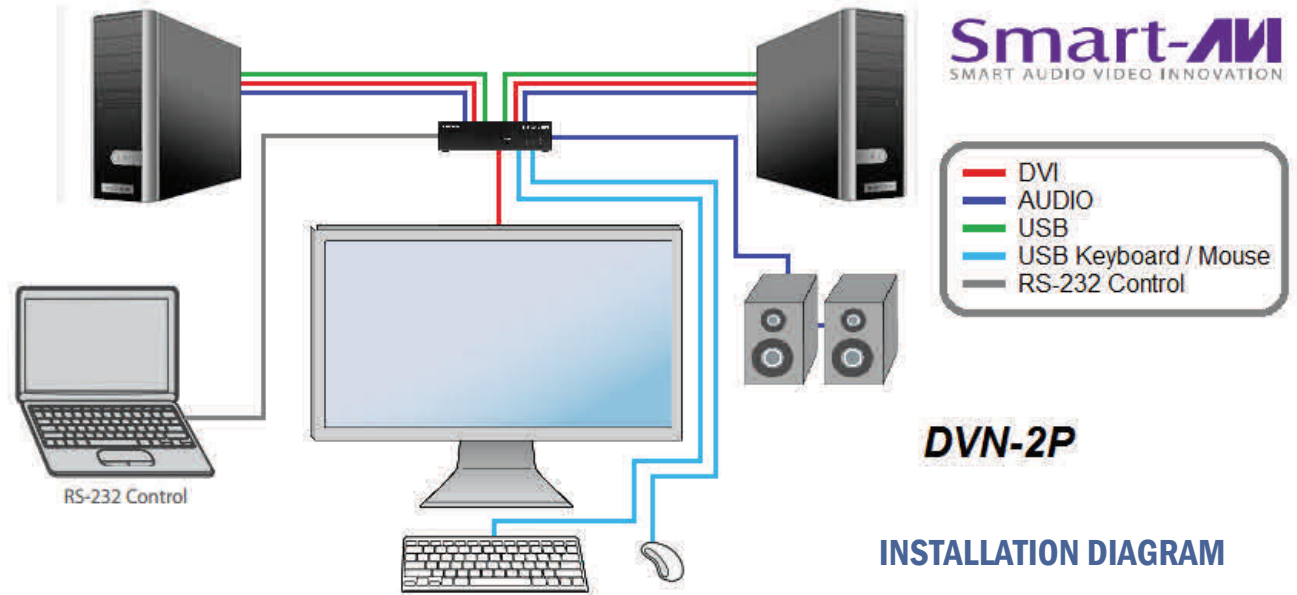
Features

- Supports Mac, PC, Linux and Sun DVI-D
- Supports High Resolution 1920x1200 60 Hz WUXGA
- Uses universal DVI Single Link connectors
- Zero pixel loss with TMDS signal correction
- Output DVI up to 20 feet
- Front panel switch with LED indicator
- Saves space on your desktop

DDC Learning

The DVN-2P is fully capable of “learning” and remembering what type of display monitor is connected to the unit. Programming the DDC (Display Data Channel) is accomplished using the button located on the front panel.

1. Unplug all devices except the screen.
2. Press and hold the front button
3. Plug in the power
4. When the 3 LEDs illuminate, let go of the front button.
5. Continue to wait until both LEDs flicker, indicating that the DVN-2P has learned the SCREEN mode.
6. Install all devices and power on.



INSTALLATION DIAGRAM

INSTALLATION

1. Turn off all computers and the display.
2. Connect the DVI extension cables and USB cables (not included) to the computers and to the “IN” ports on the DVN-2P.
3. Optionally connect Audio cables (not included) to the computers and to the “IN” ports on the DVN-2P.
4. Connect the display to the “OUT” DVI connector on the DVN-2P.
5. Connect a mouse and keyboard, to the “OUT” USB connectors on the DVN-2P.
6. Optionally Connect speakers to the “OUT” audio connector on the DVN-2P.
7. Connect the power cord and power on the DVN-2P.
8. Power on the computers and the display.
9. Use the front panel buttons or an RS-232 connection to select the desired input port.

NOTE: THE USB OPERATION OF THE DVN-2P IS FULLY TRANSPARENT. TO ATTACH ADDITIONAL USB DEVICES A USB HUB MAY BE USED.

Switching Between Ports

There are two ways to switch between inputs on the DVN-2P. Via the front panel buttons or via an RS-232 connection.

Front Panel Control

To switch ports using the front panel, press the Select button to cycle through the available ports. The selected port number will be indicated by an illuminated LED.

RS-232 Control

To switch ports using an RS-232 connection, use a serial cable to connect a computer to the DVN-2P’s RS-232 port. Use a terminal program like PuTTY to connect to the DVN-2P. Use the standard communication mode of 9600bps, 8, N, 1, No Flow Control.

To select the “IN 1” port, send “//M01 [ENTER]”

To select the “IN 2” port, send “//M02 [ENTER]”

To learn DDC from the connected monitor, send “//E [ENTER]”