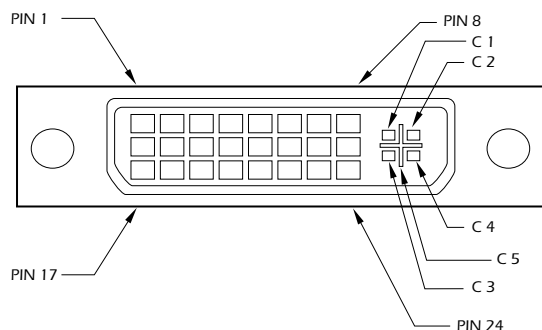


Technical Specifications

Input/Output Signal



Pin #	Signal	Pin #	Signal
1	T.M.D.S Data 2-	16	Hot Plug Detect
2	T.M.D.S Data 2+	17	T.M.D.S Data 0-
3	T.M.D.S Data 2/4 Shield	18	T.M.D.S Data 0+
4	T.M.D.S Data 4-	19	T.M.D.S Data 0/5 Shield
5	T.M.D.S Data 4+	20	T.M.D.S Data 5-
6	DDC Clock	21	T.M.D.S Data 5+
7	DDC Data	22	T.M.D.S Clock Shield
8	Analog Vert. Sync	23	T.M.D.S Clock+
9	T.M.D.S Data 1-	24	T.M.D.S Clock -
10	T.M.D.S Data 1+		
11	T.M.D.S Data 1/3 Shield	C1	Analog Red
12	T.M.D.S Data 3-	C2	Analog Green
13	T.M.D.S Data 3+	C3	Analog Blue
14	+5V Power	C4	Analog Horz Sync
15	GND	C5	Analog Ground

Specifications

Video Input	1 DVI Female
Video Output	4 DVI Female
Max. Resolution	1920 x 1200 60 @ Hz
Cable Distance to Monitor	10 m (max)
Signal Type	Standard DVI Signal
Power Adapter (min)	DC 7.5V 1.5A
Housing	Metal
Weight	475 g
Dimensions (LxWxH) mm	153x75x42

© Copyright 2006 Smart-AVI, All Rights Reserved

Notice

The information contained in this document is subject to change without notice. Smart-AVI makes no warranty of any kind with regard to this material, including but not limited to, implied warranties of merchantability and fitness for any particular purpose.

Smart-AVI 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 Smart-AVI.

Smart-AVI

Smart Audio Video Integration

User Manual

DVS2P



The DVS2P splitter allows you to use a single PC/DVD player to display identical images on multiple monitors.

Smart-AVI

2840 N. Naomi Ave.
Burbank, California 91504
Phone: (818) 565-0011
Facsimile: (818) 565-0020

www.smartavi.com

Introduction

The DVS2P splitter allows you to use a single PC to display identical images on multiple monitors.

DVI Splitter is ideal for:

- Test bench facilities
- Data Center
- Help Desks

Features

- Use PanelLink digital technology
- Supports high-resolution display up to UXGA (25-165MHz)
- Can be cascaded
- Compliant with the specification of DVI 1.0

Package Contents

- 1 Smart-AVI DVS2P DVI Splitter
- 1 User Manual
- 1 Power Adapter DC 7.5V 1.5A

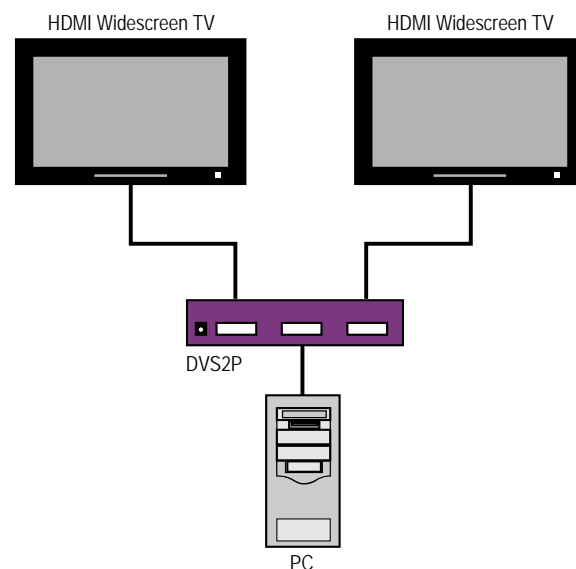
Operation for Cascade

1. The function to display identical images on more monitors, is an attachment of another splitter.
2. Connect the DVI male/female extension cable between the former splitter of the "DVI out 1" port and the latter splitter of the "video in" port.

Note:

Even though you are allowed to cascade the splitter with varied ports, the image might become unstable if you cascade too many tiers of splitters.

Installation Diagram



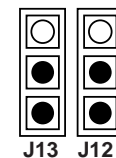
Installation

1. Turn off computer and monitor.
2. Connect DVI male extension cable between the PC and the "video in" port of splitter.
3. Connect the DVI male/female extension cables between the monitors and the "DVI out" ports of splitter.
4. Connect the power cord and turn on the splitter.
5. Turn on PC and monitors.

Optional DDC Pass-Through

If you would like the computer to read EDID information directly from your monitor instead of the internal EEPROM in the DVS2P, perform the following steps.

1. Turn off computer and monitor.
2. Disconnect power adapters.
3. Remove screws on the sides of the transmitter.
4. Lift the top off of the chassis
5. Locate headers labeled J13 and J12.



6. Reconfigure the jumpers as shown.
7. Replace chassis top and screws.

