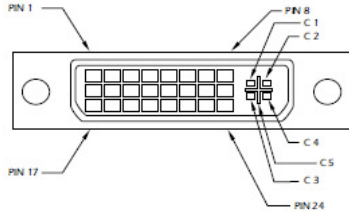


Technical Specifications
Input/Output Signal



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

Front View



1. Power LED
2. "DVI Out" Port

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Smart-AVI

Smart Audio Video Integration

User Manual

DVX-100



800.AVI.2131
 Tel: (818) 503-6200
 Fax: (818) 503-6208
 11651 Vanowen St.
 North Hollywood, CA 91605

SmartAVI.com

The DViplus DVX100 extends any DVI-D to signal up to 100 feet

www.smartavi.com

Introduction

The DVX100 extends the distance between any computer supporting DVI-D and monitors or projectors up to 50ft. The system features daisy chain capabilities that can extend the limit up to 100ft.

Features

- Supports MAC and PC DVI-D
- Resolution up to 1920 x 1080
- No loss of pixel
- Maintains highest DVI single link video resolution
- DVI output regenerates TMDS digital video
- Output can drive long cable up to 50 feet
- Green led for power
- Yellow led signal indicator
- External power supply
- Provides noiseless operating environment at the remote station
- Places CPU outside of harsh environment
- Saves space on your desktop

Applications

- **Presentations** DVX100 enhances any presentation from commercial products to corporate financial data. It can be used in show rooms, board rooms, trade shows and window displays.
- **Data Broadcasting** Data such as news, stock prices, sports results, and flight information can be broadcast in real time to various monitors and/or speakers.
- **Learning and Training** DVX100 can be used in educational presentations to multiple locations, in schools and in other training facilities.

Rear View



1. "Video In" Port
2. Input Power Jack

Installation

1. Turn off the PC and monitors.
2. Connect the 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 the PC and monitors.

Operation for Cascade:

1. Attach extender in order to extend longer cables.
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 DVX-100 with varied ports, the image might become unstable if cascade too many tiers of DVX-100.

Installation Diagram

