

DVI SPLITTER



(DS-812F)
1 In 2 Out



(DS-814F)
1 In 4 Out

USER MANUAL DS-812F / DS-814F

Package Contents-

- 1 Smart View DS-812F or DS-814F DVI Splitter
- 1 user manual
- 1 power adapter DC 7.5V 1.5A
- 2 rack rails, 8 screws for DS-814F only

Any thing missed, please contact with your vendor.

Introduction

Through the DVI (Digital Visual Interface) splitter DS-812F, DS-814F, you can use one PC to display identical image on 2,4 monitors or even more.

DVI splitter is ideal for:

- Test bench facilities
- Data Center
- Help desks

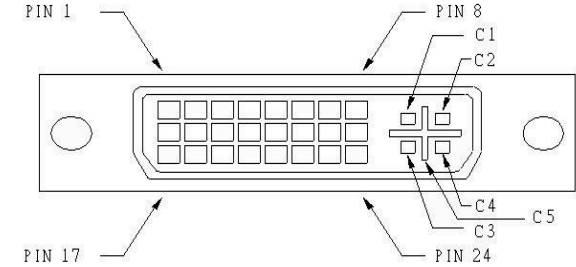
Features

- Use PanelLink digital technology.
- Supports high-resolution display up to UXGA (25-165MHz).
- Can be cascaded.
- Compliant with the specification of DVI 1.0.
- 1U rack design for DS-814F.

Specifications

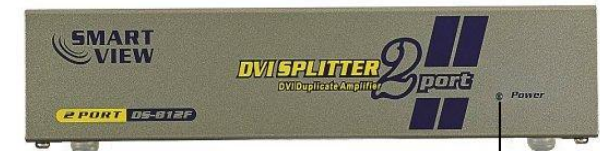
Function	DS-812F	DS-814F
Video Input Connector (DVI Female)	1	1
Video Output Connector (DVI Female)	2	4
Max. Resolution	1600x1200 60Hz	
Cable Distance (Device to Monitor)	10 m (Max.)	
Signal Type	Standard DVI Signal	
Power Adapter (Min.)	DC 7.5V 1.5A	
Housing	Metal	
Weight	620 g	985 g
Dimensions (LxWxH) mm	200x75x42	269x104x42

Technical Specifications Input/Output Signal



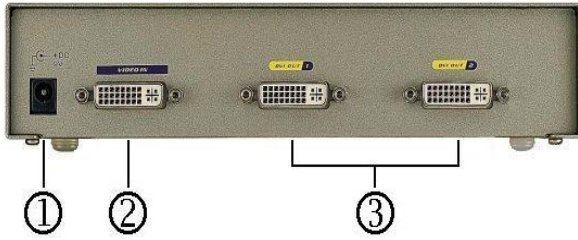
Pin #	Signal	Pin #	Signal
1	T.M.D.S Data 2-	16	Hot Plug Detect
2	T.M.D.S Data 2+	17	T.M.D.S Data 0-
3	T.M.D.S Data 2/4 Shield	18	T.M.D.S Data 0+
4	T.M.D.S Data 4-	19	T.M.D.S Data 0/5 Shield
5	T.M.D.S Data 4+	20	T.M.D.S Data 5-
6	DDC Clock	21	T.M.D.S Data 5+
7	DDC Data	22	T.M.D.S Clock Shield
8	Analog 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

REAR VIEW



1. Input Power Jack
2. "Video In" Port
3. "DVI Out" Port

*There are 2/4 out ports for DS-812F / DS-814F.

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.

Note:

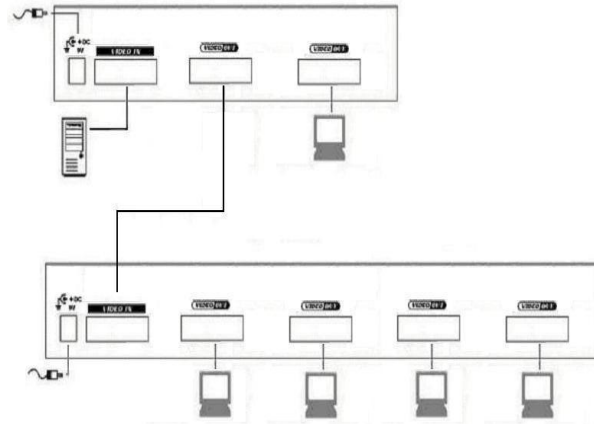
- If you install the DDC monitor for the splitter, the rest of monitors must be the same resolution as the DDC monitor.

Operation for cascade:

1. The function to display identical image on more monitors, you request to attach 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 cascade too many tiers of splitters.



P.S.: The example cascades the 2 and 4 ports splitters; however, you can cascade the DVI splitter with demanded Port.

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