

# 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

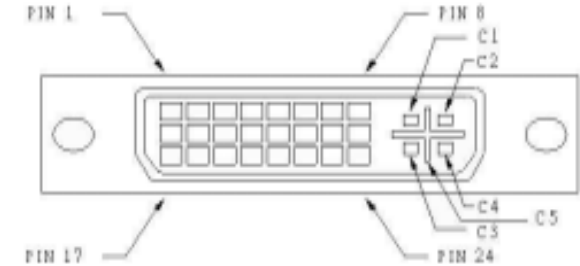
## Features

- 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	1600 x 1200 60 Hz	
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



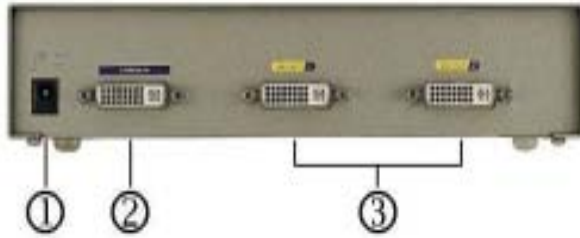
Pin #	Signal	Pin #	Signal
1	T.M.D.S Data 2-	16	Hot Plug Detect
2	T.M.D.S Data 2+	17	T.M.D.S Data 0-
3	T.M.D.S Data 2/4 Shield	18	T.M.D.S Data 0+
4	T.M.D.S Data 4-	19	T.M.D.S Data 0/5 Shield
5	T.M.D.S Data 4+	20	T.M.D.S Data 5-
6	DDC Clock	21	T.M.D.S Data 5+
7	DDC Data	22	T.M.D.S Clock Shield
8	Analog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



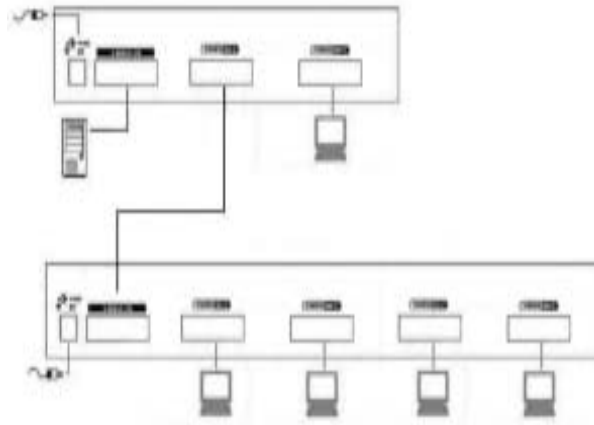
1. Power LED

## 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.



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

## 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.

### Trademarks:

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