

HDTV SPLITTER



(DS-2018F)
1 In 8 Out

USER MANUAL DS-2018F

Package Contents-

- 1 Smart View DS-2018F HDTV Splitter
- 1 user manual
- 1 AC power cord
- 2 rack rails, 6 screws

Any thing missed, please contact with your vendor.

Introduction

Through the HDTV (High Definition Television) splitter DS-2018F, you can use one PC/DVD player to display identical image on 8 LCD monitors or projectors or HDTV.

HDTV splitter is ideal for:

- Test bench facilities
- Data Center
- Help desks

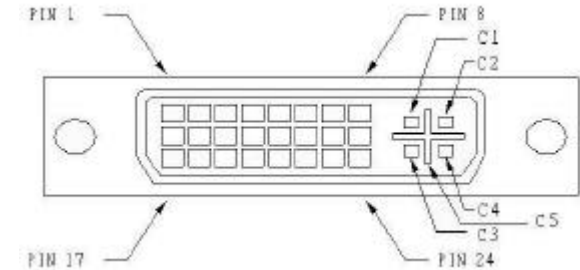
Features

- Use Panellink digital technology.
- Compliant with the specification of DVI 1.0.
- Support high-resolution display up to UXGA (25-165MHz), 480p, 480i, 720p, 1080i.
- Support HDCP.
- Can be cascaded.
- 1U rack design.

Specifications

Function	DS-2018F
Video Input Connector (DVI Female)	1
Video Output Connector (DVI Female)	8
Max. Resolution	1600x1200 60Hz
Cable Distance (Device to Monitor)	10 m (Max.)
Signal Type	Standard DVI Signal
Power Adapter (Min.)	AC 100V~240V/50~60Hz
Housing	Metal
Weight	2530 g
Dimensions (LxWxH) mm	440x185x42

Technical Specifications Input/Output Signal



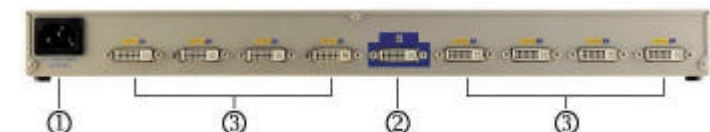
Pin #	Signal	Pin #	Signal
1	T.M.D.S Data 2-	16	Hot Plug Detect
2	T.M.D.S Data 2+	17	T.M.D.S Data 0-
3	T.M.D.S Data 2/4 Shield	18	T.M.D.S Data 0+
4	T.M.D.S Data 4-	19	T.M.D.S Data 0/5 Shield
5	T.M.D.S Data 4+	20	T.M.D.S Data 5-
6	DDC Clock	21	T.M.D.S Data 5+
7	DDC Data	22	T.M.D.S Clock Shield
8	Analog 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 AC Power Socket
2. "Video In" Port
3. "DVI Out" Port

Installation

1. Turn off the PC/DVD player 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/DVD player and monitors.

Note:

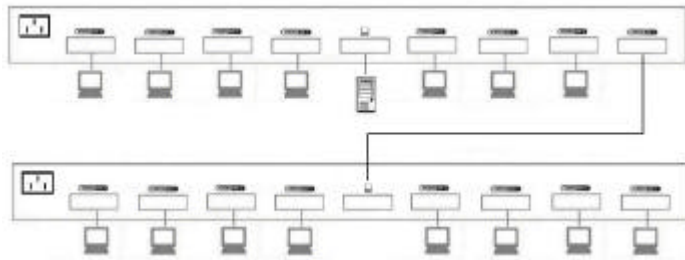
- If you install the DDC monitor for the splitter, the rest of monitors must be the same resolution as the DDC monitor.
- When use this product, we suggest user connect monitor from “DVI out 1” first. For protection HDCP purpose, it does not work if user connect from “DVI out 2 ~ 8” first.

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 8 ports splitters; however, you can cascade the HDTV splitter with demanded Port.

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