



VIDEO SPLITTER



(DS-41120)
1 In 2 Out



(DS-42120)
1 In 4 Out

USER MANUAL DS-41120 / DS-42120

Package Content:

- 1 Digitus DS-41120 or DS-42120 Video Splitter
- 1 user manual
- 1 power adapter DC 9V 600mA

Anything missed, please contact with your vendor.

Introduction

Through the video splitter DS-41120, DS-42120, you can use one PC to display identical image on 2, 4 monitors or even more by cascading.

Video splitter is ideal for:

- Test bench facilities
- Data Center
- Help desks
- Video broadcasting:
 - Presentation
 - Stock quotes
 - Timetables
 - Educational facilities

Features

- With 300 MHz pixel frequency.
- Extends the video signal up to 65 meter (213 feet).
- Supports the DDC, DDC2, DDC2B.
(For video out port 1)
- Can be cascaded.
- The output is compatible with standard VGA card.

Specifications

Function	DS-41120	DS-42120
Video Input Connector (HD-15 Female)	1	1
Video Output Connector (HD-15 Female)	2	4
Max. Resolution	2048 x 1536 60 Hz	
Pixel Frequency	300 MHz	
Cable Distance (Device to Monitor)	65 m (213 feet) Max.	
Signal Type	VGA, SVGA, XGA, QXGA, UXGA, Multisync	
Power Adapter (Min.)	DC 9V 600mA	
Housing	Plastic	
Weight	94 g	111 g
Dimensions (LxWxH)	100x81.5x27.5 mm	

Technical Specifications Input/Output Signal

Pin #	Signal
1	Red video
2	Green video
3	Blue video
4	ID2
5	Ground
6	Analog Ground
7	Analog Ground
8	Analog Ground

Pin #	Signal
9	NC
10	Ground
11	ID0
12	ID1
13	Horizontal Sync
14	Vertical Sync
15	ID3

Appearance Top View



1. Power LED
2. Input Power Jack
3. "Video In" Port
4. "Video Out" Port*

*There are 2/4 out ports for DS-41120 / DS-42120.

Installation

1. Turn off the PC and monitors.
2. Connect the HD-15 video extension cable between the PC and the “video in” port of splitter.
3. Connect the HD-15 video extension cables between the monitors and the “video out” ports of splitter.
4. Connect the power cord and turn on the splitter.
5. Turn on the PC and monitors.

Note:

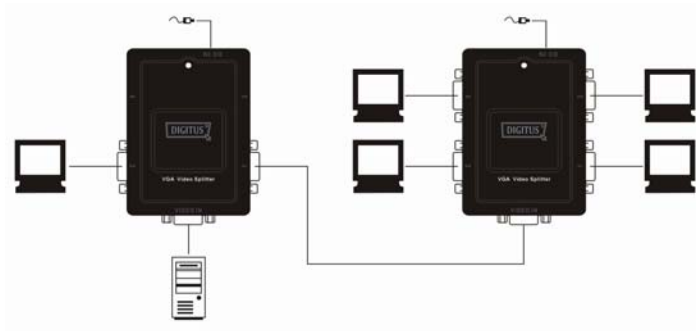
- If you install the DDC monitor for the splitter, the rest of monitors must be the same resolution as the DDC monitor.
- Available monitors include the VGA, SVGA, XGA, QXGA, UXGA, Multisync, and exclude the CGA, EGA, Mono.

Operation for cascade:

1. The function to display identical image on more monitors, you request to attach another splitter.
2. Connect the HD-15 male/male video extension cable between the “video out” port of the former splitter and the “video in” port of the latter splitter.

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 video splitter with demanded port.

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