



VIDEO SPLITTER



(DC-KVS-12)
1 In 2 Out



(DC-KVS-14)
1 In 4 Out

USER MANUAL DC-KVS-12 / DC-KVS-14

Package Content:

- 1 Digitus DC-KVS-12 or DC-KVS-14 Video Splitter
- 1 user manual
- 1 power adapter DC 9V 600mA

Any thing missed, please contact with your vendor.

Introduction

Through the video splitter DC-KVS-12, DC-KVS-14, you can use one PC to display identical image on 2,4 monitors or even more.

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	DC-KVS-12	DC-KVS-14
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



- Power LED
- Input Power Jack
- "Video In" Port
- "Video Out" Port

*There are 2/4 out ports for DC-KVS-12 / DC-KVS-14.

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:

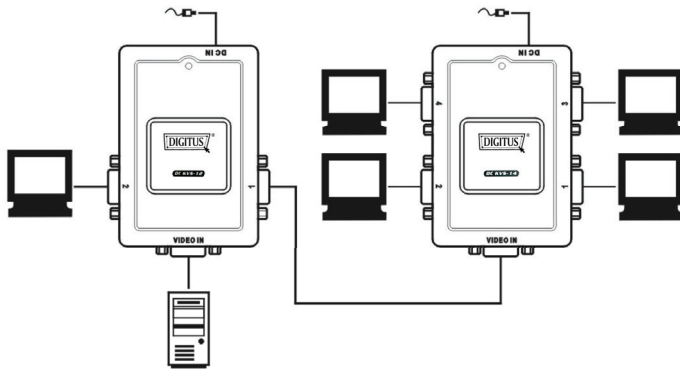
- If you install the DDC monitor for the splitter, the rest of monitors must be the same resolution as the DDC monitor.
- Available monitors include the VGA, SVGA, XGA, QXGA, UXGA, Multisync, and exclude the CGA, EGA, Mono.

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.

Note:

In the event of incorrect installation and improper use in a residential area, the device may cause disruptions in radio devices and other electronic devices. Proper use means that the device is operated with shielded connector cables as far as possible, for network products also with shielded cables of category 5e and higher. The device was tested and lies within the limits for computer accessories of class A according to the requirements of EN 55022.

Warning !

This is a class A device. This device can cause radio interference in residential areas; in this case, the operator may be required to perform and bear the costs for appropriate measures.

Conformity Declaration:

The device fulfils the EMC requirements of EN 55022 class A for ITE and EN 55024. Devices with external or built-in power supply also fulfil the requirements of EN 61000-3-2 and EN 61000-3-3. The basic protection requirements of the “EMC Directive” 89/336/EEC are therefore fulfilled. The CE conformity has been certified. The corresponding declarations are available from the manufacturer.

Trademarks:

All company, brand and product names used in these instructions are trademarks or registered marks of the corresponding companies.