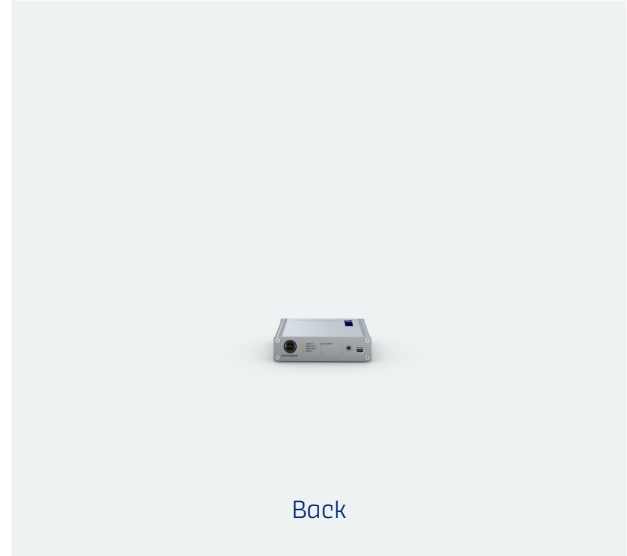
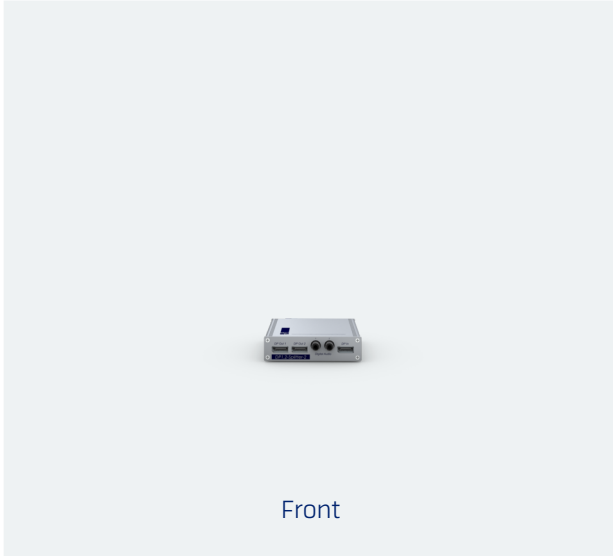


# DP1.2-SPLITTER-2

KVM add-ons, Article number A4000018



The Digital Signage product DP1.2-Splitter-2 distributes one DisplayPort 1.2 video signal to multiple displays. The DP1.2-Splitter-2 is a stand-alone device.

## SCOPE OF DELIVERY

Quantity	Description	Article number
1	Netzteil 12V / 2,08AFSP025-D12C14 FSP	Z0005926
1	PowerCable-2 Standard cable 2m	A6300057
1	Safety instructions flyer - FCC class B	A9100371

## DETAILS

### VIDEO

- Distributes one DisplayPort1.2a signal to two displays
- Native 4K resolution at 60 Hz
- Uncompressed, lossless transmission in 1:1 performance, pixel perfect, latency free (zero delay) transmission, no frame drops, no tearing with a perfect hand eye coordination

### SIGNALS

- Embedded stereo audio (DisplayPort Digital, LPCM 2/4/6/8 channels)
- Digital audio signal (2 channel LPCM, consumer, PCM stereo)

### DEVICE

- Independent from any operating system
- Access to standard interfaces of the computer, with no software installation required
- External power supply

### WARRANTY

- A 3-year, free of charge product guarantee
- For an additional fee guarantee extension possible

## EXTENSIONS

### SYSTEM EXTENSION

- cascadable up to 3 levels

## TECHNICAL DATA




General	Product group	KVM add-ons
	Product Family	DP1.2-Splitter-2
	Power Supply	no redundancy
Video input	Quantity	2
	Format	DisplayPort 1.2 (LBR, HBR, HBR2, SingleStream-Transport (SST))
	Colour depth	24 bit
	Pixel encoding	RGB 4:4:4 (24 bpp / 8 bpc)
	Pixel rate ca.	0 MPixel/s to 600 MPixel/s
	Vertical frequency	24 Hz to 240 Hz
	Horizontal frequency	25 kHz to 295 kHz
	Exemplary resolutions	4096 × 2160 (60 Hz) 3840 × 2160 (60 Hz) 2560 × 1600 (60 Hz) 2560 × 1440 (144 Hz) 2048 × 2048 (60 Hz) 1920 × 1200 (60 Hz) 1920 × 1080 (240 Hz) 1920 × 1080 (60 Hz) 5120 × 1440 (60 Hz) 5120 × 2160 (50 Hz)
	General Notes	Further VESA and CTA standardised resolutions possible within pixel rate and horizontal/vertical frequency.
	Supported industry standards	Display Data Channel Command Interface (DDC/CI)
Video output	Quantity	2

	Format	DisplayPort 1.2 (LBR, HBR, HBR2, SingleStream-Transport (SST))
	Colour depth	24 bit
	Pixel encoding	RGB 4:4:4 (24 bpp / 8 bpc)
	Pixel rate ca.	0 MPixel/s to 600 MPixel/s
	Vertical frequency	24 Hz to 240 Hz
	Horizontal frequency	25 kHz to 295 kHz
	Exemplary resolutions	4096 × 2160 (60 Hz) 3840 × 2160 (60 Hz) 2560 × 1600 (60 Hz) 2560 × 1440 (144 Hz) 2048 × 2048 (60 Hz) 1920 × 1200 (60 Hz) 1920 × 1080 (240 Hz) 1920 × 1080 (60 Hz) 5120 × 1440 (60 Hz) 5120 × 2160 (50 Hz)
General Notes	Further VESA and CTA standardised resolutions possible within pixel rate and horizontal/vertical frequency.	
Supported industry standards	Display Data Channel Command Interface (DDC/CI) Extended Display Identification Data (EDID)	
Audio 1	Transmission type	LPCM (2/4/6/8 channels) Stereo
	Resolutions	24 bit 20 bit 16 bit

	Sampling rate	up to 32 kHz up to 44.1 kHz up to 48 kHz up to 88.2 kHz up to 96 kHz up to 176.4 kHz up to 192 kHz
	Audio support	Digital Embedded
Audio 2	Transmission type	Consumer SPDIF Stereo 2-channel LPCM
	Resolutions	24 bit
	Sampling rate	up to 48 kHz up to 96 kHz up to 192 kHz
	Bandwidth	22 kHz
	Audio support	Digital
Maintenance	Update via	Update Wizard (service interface)
	Serviceport settings	115200bps (8/N/1)
Housing	Material	Anodised aluminium
	Width ca.	105 mm
	Height ca.	26 mm
	Depth ca.	84 mm
	IP protection class	IP20
	Weight ca.	0.2 kg

Operating conditions	Operating environment temperature	5 °C to 40 °C
	Operating air humidity, non-condensing	20 % to 80 %
	Area of application	Indoor use
	Maximum operating altitude above sea level	3,048 m
	Storage environment temperature	-10 °C to 55 °C
	Storage air humidity, non-condensing	15 % to 85 %
	MTBF	150,000 h at 25°C
	Conformities	CE compliant (see downloads) UKCA compliant (see downloads) FCC compliant (see manual) TAA compliant (see downloads) EAC compliant (see downloads) RoHS compliant (see downloads) WEEE (reg. no. DE30763240) REACH compliant (see downloads)
Power supply	Quantity	1
	Type	External
	Input voltage	12 VDC
	Current consumption	0.5 A
	Power consumption idle	0.8 W
	Power consumption max.	1.5 W
	Heat output idle	0.8 W
	Heat output max.	1.5 W

## ACCESSORY PRODUCTS

Image	Description	Article number
	<b>DP1.4-Cable-M/M-2 SK13357 2m</b> Single cable to connect a DisplayPort video channel (DP1.4)	A6300173
	<b>DP1.4-Cable-M/M-3 SK13358 3m</b> Single cable to connect a DisplayPort video channel (DP1.4)	A6300174
	<b>DP1.4-Cable-M/M-5 SK13359 5m</b> Single cable to connect a DisplayPort video channel (DP1.4)	A6300175

# CONTACT

## WE ARE HERE FOR YOU!

If you have any further questions, we are looking forward to advising you on your individual project requirements.

### TECHNICAL SALES

Tel.: +1-833-928-1976  
Fax: +1-833-928-1976  
E-Mail: [sales.us@gdsys.com](mailto:sales.us@gdsys.com)

### HEADQUARTERS

Guntermann & Drunck GmbH Systementwicklung  
Obere Leimbach 9 | 57074 Siegen | NRW |  
Deutschland

Tel.: +49 271 23872-0  
Fax: +49 271 23872-120  
E-Mail: [sales@gdsys.com](mailto:sales@gdsys.com)

### US OFFICE

G&D North America Inc.  
4540 Kendrick Plaza Drive | Suite 100  
Houston, TX 77032 | United States

Tel.: +1-346-620-4362  
E-Mail: [sales.us@gdsys.com](mailto:sales.us@gdsys.com)

### MIDDLE EAST OFFICE

Guntermann & Drunck GmbH  
Dubai Studio City | DSC Tower  
12th Floor, Office 1208 | Dubai, UAE

Tel.: +971 4 5586178  
E-Mail: [sales.me@gdsys.com](mailto:sales.me@gdsys.com)

### APAC OFFICE

Guntermann & Drunck GmbH  
60 Anson Road #17-01  
Singapore 079914

Tel.: +65 9685 8807  
E-Mail: [sales.apac@gdsys.com](mailto:sales.apac@gdsys.com)