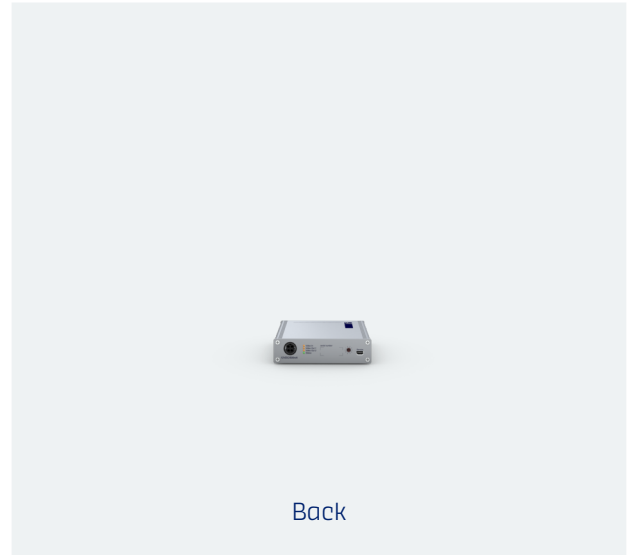
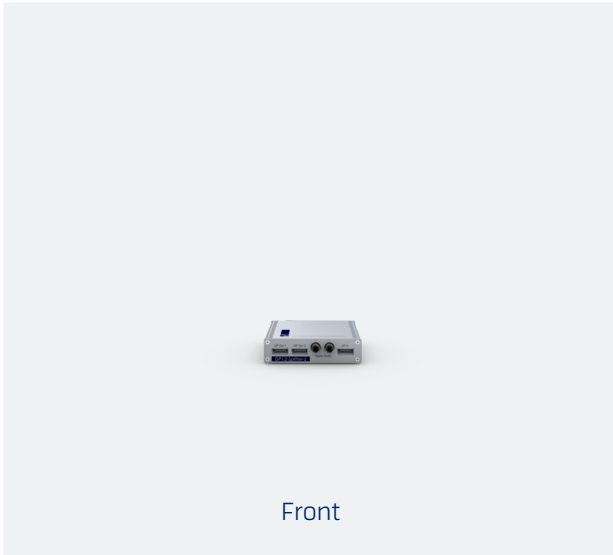


DP1.2-SPLITTER-2

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 | Brand | G&D |
| | Product group | KVM add-ons |
| | Product Family | DP1.2-Splitter-2 |
| | Country of origin | Germany |
| | 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 |
| | Active cooling (fan) | no |
| | 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 / 2.73 BTU/h |
| | Heat output max. | 1.5 W / 5.12 BTU/h |

ACCESSORY PRODUCTS

| Image | Description | Article number |
|---|--|----------------|
|  | DP1.4-Cable-M/M-2 SK13357 2m Single cable to connect a DisplayPort video channel (DP1.4) | A6300173 |
|  | DP1.4-Cable-M/M-3 SK13358 3m Single cable to connect a DisplayPort video channel (DP1.4) | A6300174 |
|  | DP1.4-Cable-M/M-5 SK13359 5m 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.: +49 271 23872-333
Fax: +49 271 23872-120
E-Mail: sales@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

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

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

APAC OFFICE

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

Tel.: +65 9685 8807
E-Mail: sales.apac@gdsys.com