# DP1.2-SPLITTER-2 INCL. POWERPACK

KVM add-ons, Article number A4000018



Front



Back

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 signale (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)<br>3840 × 2160 (60 Hz)<br>2560 × 1600 (60 Hz)<br>2560 × 1440 (144 Hz)<br>2048 × 2048 (60 Hz)<br>1920 × 1200 (60 Hz)<br>1920 × 1080 (240 Hz)<br>1920 × 1080 (60 Hz)<br>5120 × 1440 (60 Hz)<br>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) |
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| | 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)<br>Extended Display Identification Data (EDID) |
| Audio 1 | Transmission type | LPCM (2/4/6/8 channels)<br>Stereo |

| | | |
|---|---|---|
| | Resolutions | 24 bit<br>20 bit<br>16 bit |
| | Sampling rate | up to 32 kHz<br>up to 44.1 kHz<br>up to 48 kHz<br>up to 88.2 kHz<br>up to 96 kHz<br>up to 176.4 kHz<br>up to 192 kHz |
| | Audio support | Digital Embedded |
| Audio 2 | Transmission type | Consumer<br>SPDIF<br>Stereo<br>2-channel LPCM |
| | Resolutions | 24 bit |
| | Sampling rate | up to 48 kHz<br>up to 96 kHz<br>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 / 4.13 in |
| | Height ca. | 26 mm / 1.02 in |
| | Depth ca. | 84 mm / 3.31 in |

| | | |
|---|---|---|
| | IP protection class | IP20 |
| | Weight ca. | 0.2 kg / 0.44 lb |
| Operating conditions | Operating environment temperature | 5 °C to 40 °C / 41 °F to 104 °F |
| | 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 / 14 °F to 131 °F |
| | Storage air humidity, non-condensing | 15 % to 85 % |
| | MTBF | 150,000 h at 25°C (77 °F) |
| | Conformities | CE compliant (see downloads)<br>UKCA compliant (see downloads)<br>FCC compliant (see manual)<br>TAA compliant (see downloads)<br>RoHS compliant (see downloads)<br>WEEE (reg. no. DE30763240)<br>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**<br>Single cable to connect a DisplayPort video channel (DP1.4) | A6300173 |
| | **DP1.4-Cable-M/M-3 SK13358 3m**<br>Single cable to connect a DisplayPort video channel (DP1.4) | A6300174 |
| | **DP1.4-Cable-M/M-5 SK13359 5m**<br>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.

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