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) 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 / 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) UKCA compliant (see downloads) FCC compliant (see manual) TAA 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.: +1-833-928-1976
Fax: +1-833-928-1976
E-Mail: sales.us@gdsys.com

HEADQUARTERS

Panoptec Europe GmbH
Obere Leimbach 9 | 57074 Siegen | NRW | Deutschland

Tel.: +49 271 23872-0
Fax: +49 271 23872-120
E-Mail: sales@panoptec.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

Panoptec Europe GmbH
Dubai Studio City | DSC Tower
12th Floor, Office 1208 | Dubai, UAE

Tel.: +971 4 5586178
E-Mail: sales@panoptec.com

APAC OFFICE

Panoptec Europe GmbH
60 Anson Road #17-01
Singapore 079914

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