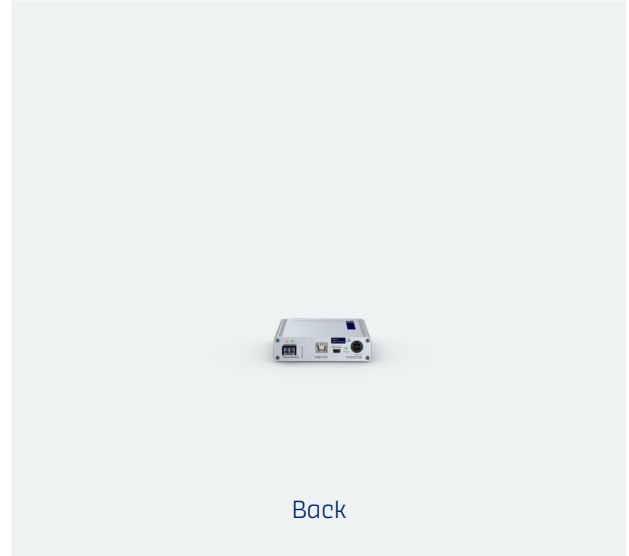


U2+R-FIBER(M)-CPU INCL. POWERPACK

KVM extenders, Article number A2320281



The U2+R-CPU computer module receives USB2.0 high-speed and RS232 signals from a compatible console module of the U2+R series and transmit them to the computer.

SCOPE OF DELIVERY

| Quantity | Description | Article number |
|----------|---|----------------|
| 1 | PowerCable-2 Standard cable 2m | A6300057 |
| 1 | USB-AM/BM-2 cable USB 2m | A6300113 |
| 1 | RS232-M/F-2 cable RS232 2m | A6300023 |
| 1 | Netzteil 12V / 2,08AFSP025-D12C14 FSP | Z0005926 |
| 1 | Safety instructions flyer - FCC class B | A9100371 |

DETAILS

SIGNALS

- Transparent RS232 (max. 115,200 bps)
- Embedded USB 2.0 with Hi-Speed, transparent, all USB classes

TRANSMISSION

- The transmission distance is up to 400 meters over fiber multimode optics, incl. transmission module(s)/SFP transceiver(s)

DEVICE

- PowerPack not included in the scope of delivery for Basic variants

WARRANTY

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

FEATURES

SIGNALS

- The serial interface can also be configured for RS422 transmission.

EXTENSIONS

DEVICE

- External power supply via external 12V power pack or G&D-MultiPower, providing a central and redundant power supply

TECHNICAL DATA






| | | | |
|--------------|---------------------------------|--|---------|
| General | Brand | G&D | |
| | Product group | KVM extenders | |
| | Product Family | U2•R-CPU/CON | |
| | Country of origin | Germany | |
| | KVM matrix system component | Computer module (digital) | |
| | Power Supply | no redundancy | |
| Transmission | Number of transmission channels | 1 | |
| | Redundant transmission channels | no redundant KVM transmission | |
| | Range | 100 m (62.5/125µm) 200 m (50.0/125µm, OM2) 400 m (50.0/125µm, OM3) 70 m (62.5/125µm) 150 m (50.0/125µm) 400 m (50.0/125µm, OM4 - 4700MHz*km) | |
| | Laser class | Class 1 | |
| | Type of interface | LC-Duplex | |
| | Wavelength | 850 nm | |
| | Medium | Fiber MM | |
| | Data rate | 2.5 Gbit/s | |
| | USB | Separate USB transmission port | no |
| | | Specification | USB 2.0 |
| Medium | | Embedded | |

| | | |
|-------------|--------------------------|---|
| | Transmission rate | max. 480 Mbit/s (Hi-Speed) |
| | Range | max. 400 m |
| | USB classes | All |
| Serial 1 | Standard | RS232 |
| | Transparent transmission | yes |
| | Data rate | max. 115,200 bps |
| | Signals | TxD RxD DTR DSR RTS CTS DCD |
| Serial 2 | Standard | RS422 |
| | Transparent transmission | yes |
| | Data rate | max. 115,200 bps |
| | Signals | TxA TxB RxB RxA GND |
| 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. | 104 mm |
| | IP protection class | IP20 |
| | Weight ca. | 0.26 kg |
| Operating conditions | Operating environment temperature | 5 °C to 45 °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 | -20 °C to 60 °C |
| | Storage air humidity, non-condensing | 15 % to 80 % |
| | MTBF | 280,000 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 | 0.3 A |

| | | |
|--|------------------------|---------------------|
| | Power consumption idle | 1.86 W |
| | Power consumption max. | 1.98 W |
| | Heat output idle | 1.86 W / 6.35 BTU/h |
| | Heat output max. | 1.98 W / 6.76 BTU/h |

ACCESSORY PRODUCTS

| Image | Description | Article number |
|---|---|----------------|
|  | USB-Service-2 cable 2m Cable for system updates and configuration | A6200103 |
|  | RS232-M/F-5 cable RS232 5m Cable to connect a serial device | A6300025 |
|  | USB-AM/BM-3 cable USB 3m USB cable, Type-A Plug/Type-B Plug | A6300114 |
|  | USB-AM/BM-5 cable USB 5m USB cable, Type-A Plug/Type-B Plug | A6300111 |
|  | CaseMount-Set-105-26 mounting bracket Screws & brackets for mounting devices with dimensions 105x26mm in DeviceCarriers | A7000020 |

MORE VARIANTS

| Description | Article number |
|---|----------------|
| U2+R-CPU Basic Computer module for transparent USB2.0 transmission (high-speed) via CAT cable | A2320278 |
| U2+R-CPU incl. PowerPack Computer module for transparent USB2.0 transmission (high-speed) via CAT cable | A2320279 |
| U2+R-Fiber(M)-CPU Basic Computer module for transparent USB2.0 transmission (high-speed) via fiber multimode | A2320280 |
| U2+R-Fiber(S)-CPU Basic Computer module for transparent USB2.0 transmission (high-speed) via fiber singlemode | A2320282 |
| U2+R-Fiber(S)-CPU incl. PowerPack Computer module for transparent USB2.0 transmission (high-speed) via fiber singlemode | A2320283 |

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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