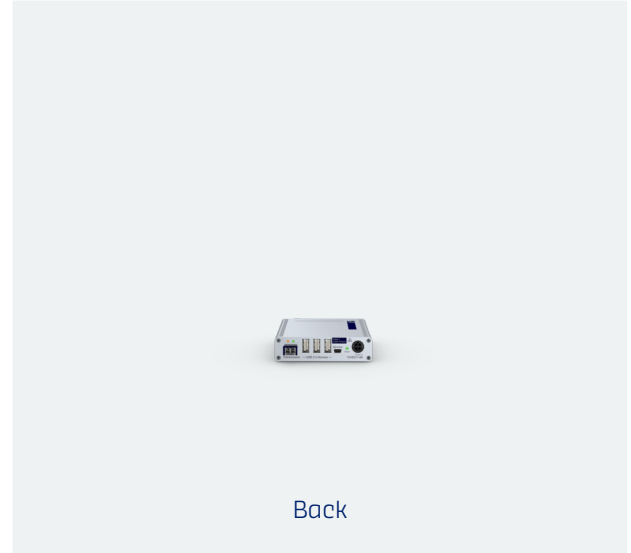
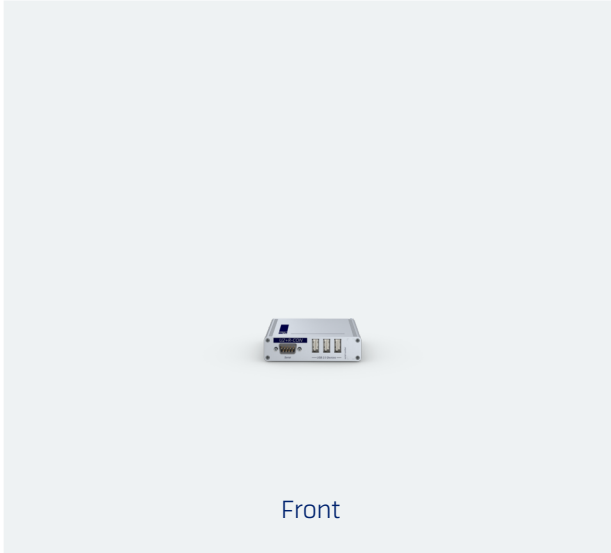


# U2+R-FIBER(S+)-CON

KVM extenders, Article number A1120355



The U2+R-CON console module transmits USB2.0 high-speed and RS232 signals from a console to a compatible computer module of the U2+R series.

## SCOPE OF DELIVERY

| Quantity | Description                             | Article number |
|----------|-----------------------------------------|----------------|
| 1        | PowerCable-2 Standard cable 2m          | A6300057       |
| 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 10,000 meters over fiber singlemode+ 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      | Product group                   | KVM extenders                 |
|              | Product Family                  | U2•R-CPU/CON                  |
|              | KVM matrix system component     | Console module (digital)      |
|              | Power Supply                    | no redundancy                 |
| Transmission | Number of transmission channels | 1                             |
|              | Redundant transmission channels | no redundant KVM transmission |
|              | Range                           | 10,000 m (9/125µm, OS1)       |
|              | Laser class                     | Class 1                       |
|              | Type of interface               | LC-Duplex                     |
|              | Wavelength                      | 1,310 nm                      |
|              | Medium                          | Fiber SM+                     |
|              | 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. 10,000 m                 |
|              | USB classes                     | All                           |
| Serial 1     | Standard                        | RS232                         |

|             |                          |                                               |
|-------------|--------------------------|-----------------------------------------------|
|             | Transparent transmission | yes                                           |
|             | Data rate                | max. 115,200 bps                              |
|             | Signals                  | TxD<br>RxD<br>DTR<br>DSR<br>RTS<br>CTS<br>DCD |
|             |                          |                                               |
| Serial 2    | Standard                 | RS422                                         |
|             | Transparent transmission | yes                                           |
|             | Data rate                | max. 115,200 bps                              |
|             | Signals                  | TxA<br>TxB<br>RxB<br>RxA<br>GND               |
| 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.                | 104 mm                                        |
|             | IP protection class      | IP20                                          |
|             | Weight ca.               | 0.27 kg                                       |

|                      |                                            |                                                                                                                                                                                                                                                                   |
|----------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating conditions | Operating 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 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)<br>UKCA compliant (see downloads)<br>FCC compliant (see manual)<br>TAA compliant (see downloads)<br>EAC 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                        | 1.8 A                                                                                                                                                                                                                                                             |
|                      | Power consumption idle                     | 1.68 W                                                                                                                                                                                                                                                            |
|                      | Power consumption max.                     | 18.48 W                                                                                                                                                                                                                                                           |
|                      | Heat output idle                           | 1.68 W                                                                                                                                                                                                                                                            |
|                      | Heat output max.                           | 3.48 W                                                                                                                                                                                                                                                            |

## ACCESSORY PRODUCTS

| Image                                                                             | Description                                                                                                                       | Article number |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------|
|  | <b>USB-Service-2 cable 2m</b><br>Cable for system updates and configuration                                                       | A6200103       |
|  | <b>CaseMount-Set-105-26 mounting bracket</b><br>Screws & brackets for mounting devices with dimensions 105x26mm in DeviceCarriers | A7000020       |

## MORE VARIANTS

| Description                                                                                                    | Article number |
|----------------------------------------------------------------------------------------------------------------|----------------|
| <b>U2+R-CON</b><br>User console for transparent USB2.0 transmission (high-speed) via CAT cable                 | A1120352       |
| <b>U2+R-Fiber(M)-CON</b><br>User console for transparent USB2.0 transmission (high-speed) via fiber multimode  | A1120353       |
| <b>U2+R-Fiber(S)-CON</b><br>User console for transparent USB2.0 transmission (high-speed) via fiber singlemode | A1120354       |

# 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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