# REMOTEACCESS-CPU-FIBER(S) BASIC

KVM matrix systems, Article number A2320352



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With the RemoteAccess-CPU, you can integrate virtual machines into your KVM matrix installation and benefit from hands-on KVM functions, even in hybrid systems. Since cloud computing and virtualization are becoming increasingly important, we will see more hybrid infrastructures in the future. But how can you link such hybrid structures as flexibly as possible? How do you standardize their use so that operators can handle them easily, efficiently and in line with their needs? The RemoteAccess-CPU provides the answers to these questions.

## SCOPE OF DELIVERY

| Quantity | Description | Article number |
|---|---|---|
| 1 | Safety instructions flyer - FCC class B | A9100371 |

# DETAILS

## VIDEO

- Compressed, pixel perfect, ideal hand-eye coordination
- Resolution up to
  2560 × 1600 @ 60 Hz

## SIGNALS

- Embedded stereo audio (Digital, 2 channel LPCM)

## TRANSMISSION

- Supported network protocols:
  - RDP
  - VNC
  - SSH
  - additional via streaming feature (see extensions)
- The transmission distance is up to 5,000 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

## DEVICE

- Thin client functionality exactly tailored to a G&D matrix:
  The device is equipped with a powerful, reliable industrial board and offers a platform with integrated thin client functionality. Therefore, you don't need a separate thin client.

## OPERATION FEATURES

- Configuration and update via the multilingual HTML5 web interface “Config Panel 21” (Java-free)
- Integration of any number of virtual sources into the KVM matrix including automatised logins (single sign on via matrix OSD)
- Operation (switching between channels, push-get, etc.) via on-screen display
- Selection of virtual and physical sources within the matrix environment via on-screen display's select menu (target list)
- Multi user access: Via G&D's KVM system, multiple operators can use the same RemoteAccess-CPU to simultaneously connect and operate the same virtual machine.

# EXTENSIONS

## TRANSMISSION

- The streaming feature allows you to access various streaming sources. The following sources can be streamed: H.265 and H.264 video streams, VP8 and VP9 video streams, MPGA audio streams, MP3 audio streams and AC3 audio streams.

## 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 | RemoteAccess |
| | Product Family | RemoteAccess-CPU |
| | Country of origin | Germany |
| | Number of sources | 1 |
| | 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 | 5,000 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 |
| Video output | Quantity | 1 |
| | Colour depth | 24 bit |
| | Pixel rate ca. | 25 MPixel/s to 330 MPixel/s |

| | | |
|---|---|---|
| | Exemplary resolutions | 2560 × 1600 (60 Hz)<br>2560 × 1440 (60 Hz)<br>1920 × 1200 (60 Hz)<br>1920 × 1080 (60 Hz)<br>1600 × 1200 (60 Hz)<br>1680 × 1050 (60 Hz)<br>1280 × 1024 (60 Hz)<br>1024 × 768 (60 Hz) |
| Audio | Transmission type | Stereo<br>2-channel LPCM |
| | Resolutions | 24 bit<br>20 bit<br>16 bit |
| | Sampling rate | up to 48 kHz |
| | Audio support | Digital Embedded |
| Network | Quantity | 1 |
| | Medium | CAT5<br>CAT6<br>CAT7 |
| | Data rate | 1 Gbit/s<br>100 Mbit/s<br>10 Mbit/s |
| Maintenance | Update via | ConfigPanel (Network) |
| | Serviceport settings | 115200bps (8/N/1) |
| Housing | Material | Anodised aluminium |
| | Active cooling (fan) | yes |
| | Width ca. | 105 mm / 4.13 in |
| | Height ca. | 26 mm / 1.02 in |

| | | |
|---|---|---|
| | Depth ca. | 184 mm / 7.24 in |
| | IP protection class | IP20 |
| Operating conditions | Operating environment temperature | 5 °C to 45 °C / 41 °F to 113 °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 | -20 °C to 60 °C / -4 °F to 140 °F |
| | Storage air humidity, non-condensing | 15 % to 85 % |
| | MTBF | 280,000 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>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 | 1.2 A |
| | Power consumption idle | 8.52 W |
| | Power consumption max. | 9.96 W |

| | | |
|---|---|---|
| | Heat output idle | 8.52 W / 29.07 BTU/h |
| | Heat output max. | 9.96 W / 33.98 BTU/h |

## ACCESSORY PRODUCTS

| Image | Description | Article number |
|---|---|---|
| | **USB-Service-2 cable 2m**<br>Cable for system updates and configuration | A6200103 |
| | **PowerPack 12 Type 3 12V/2A**<br>24W power supply with 2m powercable | A4110013 |
|  | **CaseMount-Set-105-26 mounting bracket**<br>Screws & brackets for mounting devices with dimensions 105x26mm in DeviceCarriers | A7000020 |

## MORE VARIANTS

| Description | Article number |
|---|---|
| **RemoteAccess-CPU Basic**<br>Computer module to connect a virtual machine to a digital matrix switch via CAT cable | A2320342 |
| **RemoteAccess-CPU-Fiber(M) Basic**<br>Computer module to connect a virtual machine to a digital matrix switch via fiber multimode | A2320350 |
| **RemoteAccess-CPU-Fiber(M)-UG Basic**<br>Computer module to connect a virtual machine to a digital matrix switch via fiber multimode | A2320362 |
| **RemoteAccess-CPU-Fiber(S)-UG Basic**<br>Computer module to connect a virtual machine to a digital matrix switch via fiber singlemode | A2320364 |
| **RemoteAccess-CPU-UG Basic**<br>Computer module to connect a virtual machine to a digital matrix switch via CAT cable | A2320346 |

# 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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