U2+R-CPU BASIC

KVM extenders, Article number A2320278



Front



Back

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	USB-AM/BM-2 cable USB 2m	A6300113
1	RS232-M/F-2 cable RS232 2m	A6300023
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 140 meters over CAT

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	140 m (AWG22) 100 m (AWG24) 80 m (AWG26)
	Medium	CAT5e CAT6 CAT7
	Data rate	1 Gbit/s
USB	Separate USB transmission port	no
	Specification	USB 2.0
	Medium	Embedded
	Transmission rate	max. 480 Mbit/s (Hi-Speed)
	Range	max. 100 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 / 4.13 in
	Height ca.	26 mm / 1.02 in
	Depth ca.	104 mm / 4.09 in
	IP protection class	IP20

	Weight ca.	0.24 kg / 0.53 lb
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 80 %
	MTBF	280,000 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	0.3 A
	Power consumption idle	1.14 W
	Power consumption max.	2.1 W
	Heat output idle	1.14 W / 3.89 BTU/h

	Heat output max.	2.1 W / 7.17 BTU/h

ACCESSORY PRODUCTS

Image	Description	Article number
	USB-Service-2 cable 2m Cable for system updates and configuration	A6200103
	PowerPack 12 Type 3 12V/2A 24W power supply with 2m powercable	A4110013
	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-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

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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