REMOTEACCESS-GATE

KVM matrix systems, Article number A3300008



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Thanks to the RemoteAccess-GATE, you have worldwide access to your KVM systems. In the fast-moving digital world, the ability to link company sites around the world and access computer systems at different locations from anywhere is becoming more important than ever. As a stand-alone device, the RemoteAccess-GATE connects the two worlds of KVM and network. In this context, "GATE" stand for "Global Access to Enterprise" and therefore for worldwide access to your KVM systems. The RemoteAccess-GATE opens up completely new ways of remote operation from remote locations, and also improves the ways of providing IT support and collaboration between employees.

SCOPE OF DELIVERY

Quantity	Description	Article number
1	Safety instructions flyer - FCC class A	A9100377

DETAILS

VIDEO

- Supports multi-head/multi channel: multi-head video signals can be shown on the remote side and can be operated seamlessly with a single set of keyboard and mouse (with a separate RemoteAccess-GATE for each video signal)
- Resolution up to
  2560 × 1600 @ 60 Hz,
  4096 × 2160 @ 30 Hz
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  2560 × 1600 @ 60 Hz,
  4096 × 2160 @ 30 Hz

SIGNALS

- Embedded stereo audio (2 channel LPCM)

DEVICE

- Stand-alone device
- External power supply

WARRANTY

- A 2-year, free of charge product guarantee

FEATURES

SECURITY FEATURES

- AES128/AES256 encryption
- LDAP, Active Directory and RADIUS directory server integration
- User/group privileges
- IP access controls
- Login limitations
- KVM session encryption
- SSL Certificates
- Configurable security banner
- Audit log
- SNMP/Syslog event logging and notifications
- Strong passwords

OPERATION FEATURES

- RemoteAccess-GATE provides configurable bandwidths to work over the Internet, LAN or WAN and to enable remote IT support at any time. You can use the device to connect to a single remote computer or to the entire KVM system.
- In addition, up to eight users can access it simultaneously.
- Being a flexible IP solution, you can use RemoteAccess-GATE via G&D console modules, laptop or PC.
- Configuration is possible via HTML browser or via the serial service interface.
- Software/web clients on PCs (CON functionality) connect to the RemoteAccess-GATE via the Internet, WAN or LAN. This enables secure remote access to computer signals and G&D console modules.
- For best possible results, the following three web clients are available:
  - HKC (HTML KVM Client) – Operating system independent, without Java; standard client
  - AKC (Active KVM Client) – Windows without Java; can only be used with Internet Explorer or Edge Legacy Browser (click-once application)
  - VKC (Virtual KVM Client) – Windows, Linux or Mac OS with Java 1.8 (no openJDK)

EXTENSIONS

SIGNALS

- Adapters available for VGA, DVI, Mini DisplayPort and USB-C.
- USB data: With the use of additional hardware, USB data can be transferred from the remote workplace via the RemoteAccess-GATE and the KVM installation to the local computer.

TECHNICAL DATA

General	Brand	G&D
	Product group	RemoteAccess
	Product Family	RemoteAccess-GATE
	Country of origin	Germany
	Number of workplaces	1
	Power Supply	no redundancy
Input options	USB mouse	yes
	USB keyboard	yes
Video input	Quantity	1
	Format	HDMI 1.4
	Colour depth	24 bit
	Pixel rate ca.	25 MPixel/s to 297 MPixel/s
	Exemplary resolutions	4096 × 2160 (24 Hz) 4096 × 2160 (25 Hz) 4096 × 2160 (30 Hz) 3840 × 2160 (24 Hz) 3840 × 2160 (25 Hz) 3840 × 2160 (30 Hz) 2048 × 2160 (60 Hz) 2048 × 2048 (60 Hz) 2560 × 1600 (60 Hz) 1920 × 1200 (60 Hz) 1920 × 1080 (60 Hz)
	General Notes	Further VESA and CTA standardised resolutions possible within pixel rate and horizontal/vertical frequency.

Video output	Quantity	1
	Format	HDMI 1.4
	Colour depth	24 bit
	Pixel rate ca.	25 MPixel/s to 297 MPixel/s
	Exemplary resolutions	4096 × 2160 (24 Hz) 4096 × 2160 (25 Hz) 4096 × 2160 (30 Hz) 3840 × 2160 (24 Hz) 3840 × 2160 (25 Hz) 3840 × 2160 (30 Hz) 2048 × 2160 (60 Hz) 2048 × 2048 (60 Hz) 2560 × 1600 (60 Hz) 1920 × 1200 (60 Hz) 1920 × 1080 (60 Hz)
	General Notes	Further VESA and CTA standardised resolutions possible within pixel rate and horizontal/vertical frequency.
Audio	Transmission type	Stereo 2-channel LPCM
	Resolutions	16 bit
	Sampling rate	up to 32 kHz up to 44.1 kHz up to 48 kHz
	Audio support	Digital Embedded
Network	Quantity	1
	Medium	CAT5 CAT6 CAT7

	Data rate	1 Gbit/s 100 Mbit/s 10 Mbit/s
Maintenance	Update via	WebIF (Network)
	Serviceport settings	115200bps (8/N/1)
Housing	Material	Anodised aluminium
	Active cooling (fan)	no
	Width ca.	160 mm
	Height ca.	44 mm
	Depth ca.	144 mm
	IP protection class	IP20
	Weight ca.	0.71 kg
Operating conditions	Operating environment temperature	0 °C to 40 °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	350,000 h at 25°C

	Conformities	CE compliant (see downloads) UKCA compliant (see downloads) FCC compliant (see manual) RoHS compliant (see downloads) WEEE (reg. no. DE30763240) REACH compliant (see downloads)
Power supply	Quantity	1
	Type	External
	Input voltage	5 VDC
	Current consumption	4 A
	Power consumption idle	4.13 W
	Power consumption max.	7.5 W
	Heat output idle	4.13 W / 14.09 BTU/h
	Heat output max.	6.5 W / 22.18 BTU/h

ACCESSORY PRODUCTS

Image	Description	Article number
	USB-AM/BM-2 cable USB 2m USB cable, Type-A Plug/Type-B Plug	A6300113
	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
	RS232-M/F-2 cable RS232 2m Cable to connect a serial device	A6300023
	HDM-Cable-M/M-2 S1 cable HDM-SupraLok 2m Single cable to connect a HDMI video channel with 1 SupraLok connector	A6300141
	HDM-Cable-M/M-3 S1 cable HDM-SupraLok 3m Single cable to connect a HDMI video channel with 1 SupraLok connector	A6300139
	HDM-Cable-M/M-5 S1 cable HDM-SupraLok 5m Single cable to connect a HDMI video channel with 1 SupraLok connector	A6300140
	DP-HDM-Converter-Cable-M/M-2 cable DP-HDMI 2m Single cable to connect a DisplayPort source to a HDMI sink	A6300156
	DVI-HDMI-Adapter-Cable-M/M-2 cable DVI-HDMI 2m Adapter cable to convert SingleLink DVI to HDMI 1.4 and the other way around as well	A6400049
	DVI-HDMI-Adapter-Cable-M/M-3 cable DVI-HDMI 3m Adapter cable to convert SingleLink DVI to HDMI 1.4 and the other way around as well	A6400050
	DVI-HDMI-Adapter-Cable-M/M-5 cable DVI-HDMI 5m Adapter cable to convert SingleLink DVI to HDMI 1.4 and the other way around as well	A6400051

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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