GEUTEBRÜCK

VIDEO MANAGEMENT

SECURITY MANAGEMENT

VIDEO CONTENT ANALYSIS

INTEGRATION AND MONITORING

SERVICE

HARDWAR

Hardware platform for stationary applications G-ST 8000+ G3



The hardware platform in 19-inch design with higher reliability guarantees optimal interaction with Geutebrück software. Ideal as a stand-alone device for large, demanding systems with very high storage space requirements, as well as for use in networked branches or branch offices.

- Where a server OS is required: For example, Datacentres, Hospitals, Museum, Correctional Facilities, Casinos, Defence, Large Retail and Logistic Centres.
- Enables the processing of a large amount of data in conjunction with high redundancy requirements.

- High performance model with high reliability due to an integrated RAID system for max. 16 hard disks.
- Possibility to increase the memory space by connecting further external memory systems.
- Depending on the application, the hardware can be configured with appropriate components.
- Higher reliability through the choice of additional redundancy concepts.
- Perfectly adapted to the requirements of video surveillance (CCTV).

Technical data

Software

Operating System: G-Core: G-SIM:

Microsoft Server 2022 Std. IoT LTSC, CAL- 8.1 or newer with GPU support 10.0.1 or newer with GPU support

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Performance*

Record: Viewer: G-Tect:

790 Mbit/s database;96 channels 430 Mbit/s; 46 channel AD: 81 channels, VMD: 80 channels,

VMX: 59 channels

Memory

System: Image memory:

1x M.2 SSD 256GB (opt. 2x M.2 SSD Raid1) up to 16xHDD, hot swap,

Raid 0,1,5,6

System

Processor:Memory RAM:Video outputs:Intel Core i7 12th gen. IoT32GB ECC DDR54x DisplayPort V1.4a

(opt. 64GB)

Audio output: Audioformat: Network interfaces:

lx stereo (line out, phone jack 3.5mm), G.711 (PCM) A-law, μ -law with 8 kHz,

display port Uncompressed PCM up to 16 kHz 2x Port 10/100/1000/2500 MBit/s

Other interfaces: Power supply: Power consumption: 1x RS232 Redundant: 100-240V AC / 60-50 Hz +10% Ø 340 W: Max 540 W

1x RS232 Redundant: 100-240 V AC / $60-50 \text{ Hz} \pm 10\%$, Ø 340 W; Max. 540 W 16x input contacts, sabotage monitored 2x 760W Hot-Swap

8x potential free relay outputs, 24VDC 1A

Environment

Operating temperature: Form factor: Dimensions:

 $0^{\circ}\text{C to } +40^{\circ}\text{C}$ 3U / 3HE 19" rack mount unit: 3U x 710 mm (depth);

482 x 133 x 710 mm (W x H x D)

1x Port 10/100/1000 MBit/s base-TX iAMT

Certifications

CE, EAC

Warranty

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3 years (opt. 5 years)

Accessories

System memory: Image storage: Network interfaces:

0.08060 | M.2 SSD 256GB mirrored, Raid 1 up to 16x HDD image storage 2-20 TB per 5.35466 | 1 Port Gbit network card PCle HDD 5.35465 | 2 Port Gbit network card PCle

Memory RAM: SQL Server: Memory expansion:

1.02922 | 16GB ECC RAM Kit (max. 64GB) 4.92898 | SQL Server 2022 IoT Standard 4.94389 | RAID-Controller 9580-8i8e for

with 5 CAL embedded JBOD

*Configuration: G-ST 8000+G3 with i7 and 32GB RAM Video source: Scene OutdoorLively, 25fps, H.264, FullHD. Each test was performed separately. In combination the values are lower.

Order no. 0.60801