GEUTEBRÜCK

VIDEO MANAGEMENT

SECURITY MANAGEMENT

VIDEO CONTENT ANALYSIS

INTEGRATION AND MONITORING

SERVICE

HARDWAR

Hardware platform for stationary applications G-ST 8000+ G3/2U



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 high storage space requirements, as well as for use in networked branches or branch offices.

- Surveillance of larger buildings and company premises.
- Enables the processing of a large amount of data in conjunction with high redundancy requirements.

- High-performance model in slim design with higher reliability due to an integrated RAID system for max. 8 hard disks.
- 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- 8.1.1 or newer with GPU support 10.0.1 or newer with GPU support

Less

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 8xHDD, hot swap,

Raid 0,1,5,6

System

Processor: Memory RAM: Video outputs:
Intel Core i7 12th gen. IoT 32GB ECC DDR5 4x DisplayPort VI.4a
(opt. 64GB)

Audio output: Audioformat: Network interfaces:

1x stereo (line out, phone jack 3.5mm), G.711 (PCM) A-law, μ-law with 8 kHz, 1x Port 10/100/1000 MBit/s base-TX iAMT

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%, approx. 220 Watt (2x M.2, 8xHDD Raid 5)

16x input contacts, sabotage monitored 2x 500W Hot-Swap

8x potential free relay outputs, 24VDC 1A

Environment

Operating temperature: Form factor: Dimensions: 0°C to +40°C 2U / 2HE 19" rack mount unit: 2U x 710 mm (depth);

482 x 89 x 710 mm (W x H x D)

Certifications

CE, EAC

Warranty

3 years (opt. 5 years)

Accessories

System memory: Image storage: Network interfaces:

0.08060 | M.2 SSD 256GB mirrored, Raid 1 up to 8xHDD 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+G3/2U 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. 0.60803