

Hardware platform for mobile applications

G-ST 500+/8R



The hardware platform is designed for mobile use and guarantees optimal interaction with Geutebrück software. The certified construction can be used in vehicles of all kinds and can also be connected via wireless transmission (WLAN, mobile radio). Due to the special design, the hardware is passively cooled and requires no active cooling. The device has eight network ports (PoE+).

- Monitoring of train wagons or sea containers.
- Installation in government vehicles or buses for complete documentation.
- Forklift trucks for optimum monitoring of processes.

- Simple installation in or on vehicles due to compact and easy design.
- Direct on-board operation through low-voltage power supply.
- Installed PoE Ethernet ports for direct connection of IP cameras (8 x RJ-45 connectors).
- Wide temperature range from -25° C - 70° C.
- Additional modules (LTE, WIFI & GPS) enable wireless access to video streams and location of the current location.
- Due to passive cooling of the device, no external cooling is necessary.
- Perfectly adapted to the requirements of video surveillance (CCTV).

Technical data

Operating System	Windows 10 IoT Enterprise Embedded
CPU type	1 x i3
GPU Acceleration	Yes
Analog extendable	No
OS on seperate SSD	No
integrated PoE Ports	8
RAM	1 x 8 GB DDR4 SO-DIMM
Internal Storage	2 x 2.5" HDD/SSD
Ethernet	2 x Ethernet 10/100/1000 base-TX interface
USB	4 x USB 2.0, 4 x USB 3.0
RS-232	3
Video outputs	DVI-D, 2x Display Port, VGA
Audio formats	G.711 (PCM) A-law, μ -law with 8 kHz, Uncompressed PCM up to 16 kHz, AAC
Audio outputs	1 x stereo (line out, phone jack, 3,5 mm)
Control inputs	4 x isolated digital input contacts
Relay outputs	4 x isolated digital output contacts (MOSFET - open drain outputs)
Dimension mm	240 mm (W) x 225 mm (D) x 79 mm (H)
Weight	3,3 kg
Voltage supply	1x 3-pin pluggable terminal block for 8~35VDC DC input
Power Consumption	about 40 W (1.7A@24V) w/o PoE
Operating Temperature	-25° C - 70° C (* For sub-zero operating temperature, a wide temperature HDD drive or Solid State Disk (SSD) is required)
Certification	EN50155, EN50121-3-2, EN50121-2-1, EN50121-2-2, EN61373
Warranty period	2 Years
Possible warranty extension	Up to 2 years
Optional accessories	DIN Rail mounting kit (4.94436) PS – 100-240 VAC input (4.94412) LTE (4G/3G) module (4.94417) WLAN/WIFI module (4.94418) RF connection cable (4.94421) Switch 4 x RJ45 for mobile use
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