

GLE/SDR+/002 OEM Serial Data Recorder

Main Features

- RS-232 Asynchronous serial data input, from 300 to 921600 bps
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- Up to 64 GB removable SD / SDXC Card
- FAT32 / exFAT file system
- Small dimension, rugged construction
- Wide temperature range
- Extended power supply range
- Low power consumption
- Built-in SuperCap UPS prevents file corruption
- Front switch near SD slot to auto-close file being recorded
- Local or remote control / status indications
- Setup through rear RS-232 serial port or front USB connector

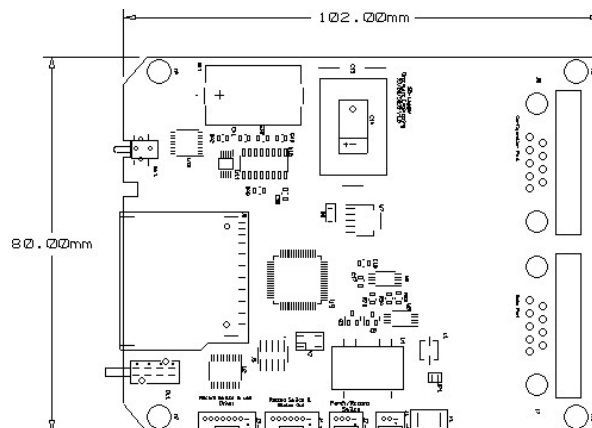


Description

GLE/SDR+/002 is a standalone and rugged solid-state serial data recorder. It is a convenient solution to store RS-232 data, accordingly to FAT32 / exFAT file system, on SD/SDXC card. It can be easily used in combination with a variety of systems equipped with a standard asynchronous serial interface.

It can be setup through rear RS-232 serial port or front USB connector. By using a PC terminal software, it is possible to setup the data port settings, set date and time and manipulate the storage media. GLE/SDR+/002 features a real-time clock with internal battery backup, to timestamp the file when recording

starts. A built-in SuperCap based UPS prevents file corruption, by automatically stopping recording and closing the file in case of power outage. Control is possible from front side, that includes a recording start/stop switch and status indicators or via remote control port that duplicates front panel functions.



Main Characteristics

RS-232 Serial input speed	300 to 921600 bps
Data formats	8 data bits, no parity, 1 stop bit
File format	FAT32 / exFAT file system
Storage device	SD / SDXC card
Storage capacity	up to 64 GB
Power requirements	7÷36 VDC or +5VDC +/-5% (factory setup)
Operating temperature	-40° to +85°C
Humidity	5% to 95% relative, non condensing
Acceleration	Designed to withstand up to 20 g in all directions (<i>continues</i>)
Vibration	Designed to withstand up to 20 g
Shock	Designed to withstand up to 10g 11ms 3 axes
I/O connectors	Rear RS-232 DB9 plug for data port, rear RS-232 DB9 socket for setup, front mini-USB connector for setup
Remote control connector	8 Pin Male Vertical Shrouded 1.25 pitch
Power supply connector	3 Pin Male Vertical Shrouded 1.25 pitch
Dimensions	102 mm width; 80 mm depth
Weight	300 grams

This product is not intended for applications whose its failure to perform can be expected to cause damages to properties and/or persons and/or injury to human life.
Due to continuous developments, specifications are subject to change without prior notice.

