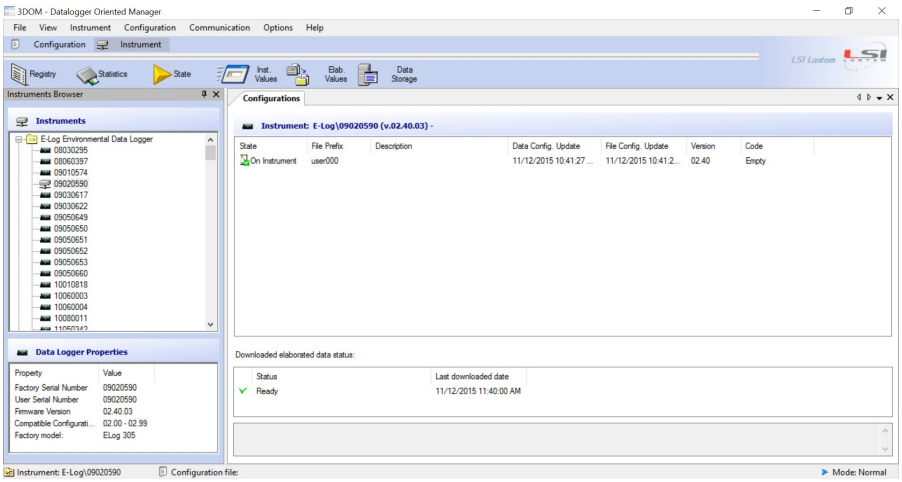
Supplied with all data loggers. It allows the configuration of the data loggers via PC, with the possibility of saving the various configurations locally. The program guides the user through the procedure, with the possibility of creating a final report.
Through the use of this software, it is possible to download data from memory in .TXT format compatible with Excel.
The program also allows a quick and easy display of the instantaneous values acquired, useful for diagnostic purposes.

- Data loggers configuration
- Data download
- Data storing in GIDAS database or ASCII format

Main Features

Data logger configuration

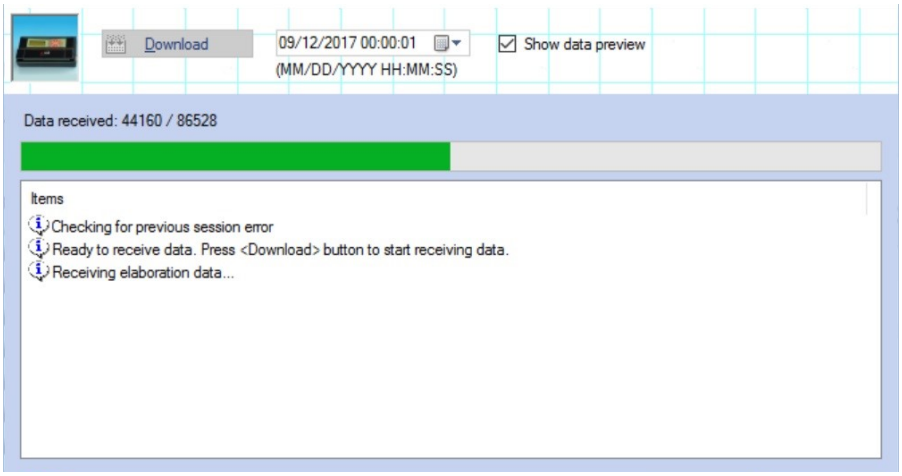


- *3DOM home page is divided into 4 sections:*
  - *Instruments: list of data loggers managed by the program*
  - *Configurations: list of configurations available for the selected serial number*
  - *Data logger properties: service information for the selected serial number*
  - *Download status of the processed data*

Setup of all the features available on the data logger:

- Selection of LSI LASTEM's sensors from library or configuration of non-LSI LASTEM sensors
- Configuration of measured and calculated quantities selected from the derived quantities library which use measured or calculated quantities and configurable K factors (see Derived Quantities Catalogue)
- Engineering of electric input signals (analogue, digital and serial) for every channel
- Selection of the protocol of serial sensor
- Configuration of channel logs for Modbus Protocol
- Selection of network and channels for ZigBee protocol (only for R-Log and E-Log with radio model)
- Configuration of the acquisition rate for every channel
- Selection of the elaboration: real-time, average, maximum, minimum, standard deviation, totals values, wind analysis, etc.
- Selection of the processing time base
- Configuration of calibration polynomial functions (maximum N. 7 configurable curves).
- Configuration of electric outputs (actuators) according to configurable events
- Selection and transmission of the configuration file (also via GPRS)

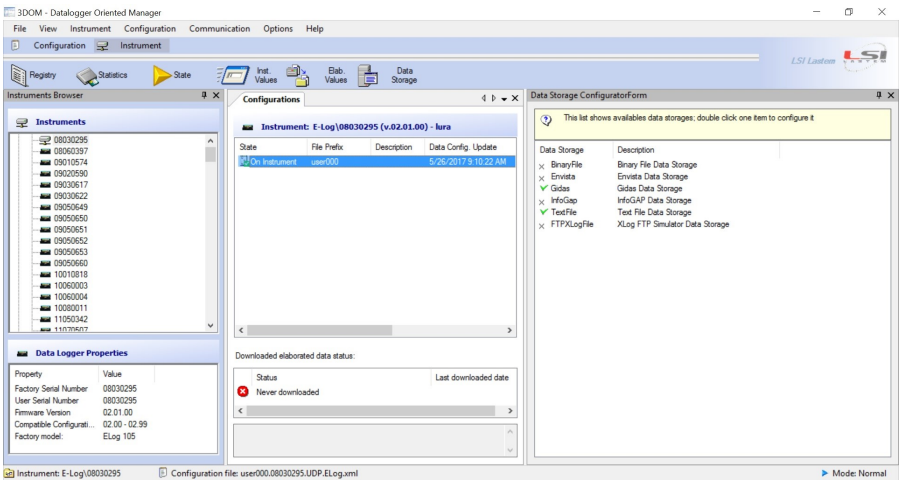
Data transfer to a PC via RS232-RS485-USB-Ethernet-GPRS



The transfer of stored data to the PC is performed in manual mode (on operator's command) with a cable (RS232-USB / 485) or via Ethernet. You can set the date from which the data must be downloaded and view it (data preview) before downloading.

- Configuration of the two RS232 ports, which can be converted into RS485 or USB ports
- Configuration of GPRS modem
- Configuration of FTP connection for data transfer (push-mode) via Ethernet or GPRS modem
- Selection of data transfer protocols: LSI LASTEM property protocol, Modbus-RTU (Master), TTY and FTP

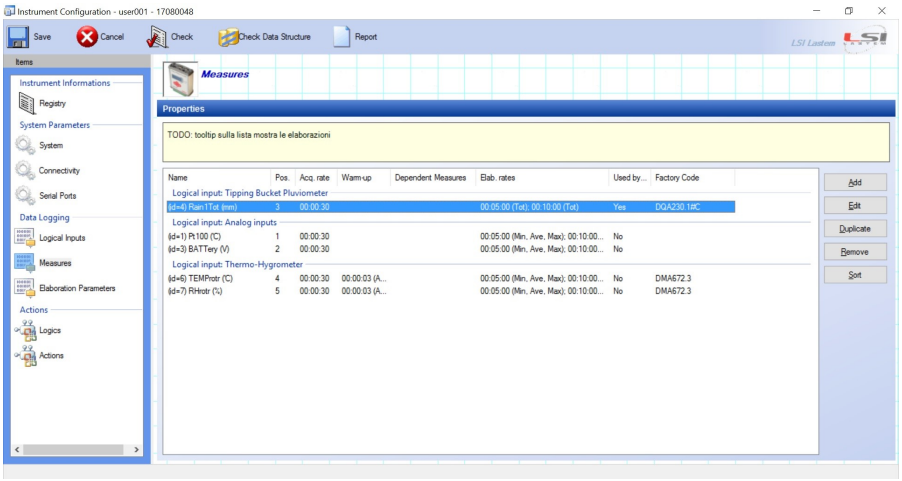
Data storage in GIDAS SQL Server database and text files



The data are stored on text files with a customizable format.
3DOM is sufficient If the operator needs only text files (on a PC manually connected via RS232-RS485-USB-Ethernet).
Data can be stored also in the SQL Server GIDAS database, used by LSI LASTEM specialist programs.
From the program it is possible to select on which storage medium to save the data.

- Selection of the default format for data recording: TXT files or SQL Server GIDAS database format
- Configuration of the text file format
- View of real-time values list
- Download of data of the selected period in preview mode

Compatibility with Alpha-Log data logger



The 3DOM software allows the configuration of the Alpha-Log data logger.
Through 3DOM it is also possible to download the data sent by the devices to an FTP area, even remote, and save them in SQL GIDAS format on the local PC.

The configuration file can be sent to Alpha-Log using the following ways:

- By Ethernet port
- By USB pen drive
- Sent to FTP server where Alpha-Log checks about new configuration file availability, in that case upload the file

Space rental on FTP server

LSI Lastem allows its customers to activate a data repository service on a web space with access via FTP protocol.

The customer who does not have its own server to direct the arrival of data from monitoring stations via FTP protocol may ask the salesperson / distributor to activate it.

The service is available in the form of an annual subscription.

SWCLA0009: FTP/MQTT service activation

SWCLA012012: Months License FTP service, 1 GB

SWCLA012112: Months License FTP service, 5 GB

SWCLA012212: Months License FTP service, 10 GB

*(see **MW9006-ENG-15-FTP-MQTT services**)*

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