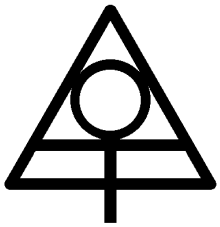

Event recorder

MicroLog ER, ERi, ER3, Minikin ERi

Brief description

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1. General information

The dataloggers of the ER line works as event recorders. On the contrary to most datalogegrs it does not record number of pulses coming within a preset time interval but the time of the event occurrence. Therefore, the data file contain a serie of time stamps. After the downloading of data (in HEX format, see Mini32 user's manual) before the conversion to final (DCV) format the user is asked to chose the time period when the events are sumarized (minutes, hours, days…). However, the file in one second resolution with individual events in the exact time can be created, too.

1.1. Manufactured models of event recorders

MicroLog ER (2002 to 2011):

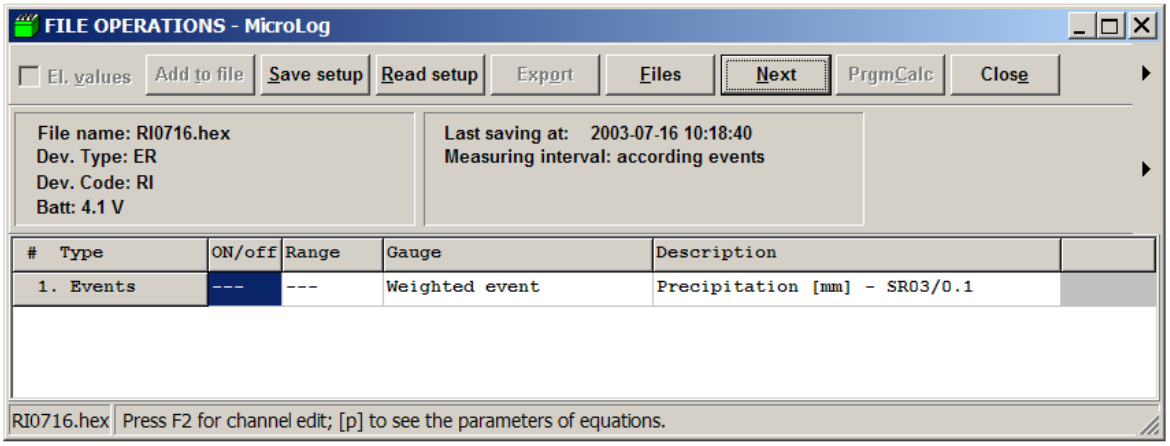
MicroLog ERi and three channel ER3 (2011 to)

Minikin ERi (2012 to) – fixed on the raingauge frame

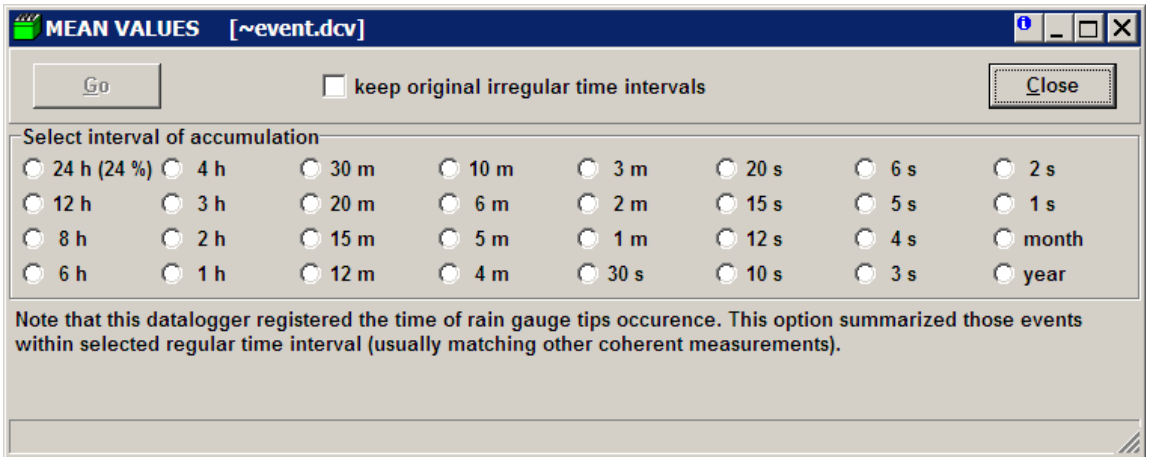
All type of event recordes are supported by the EMS software Mini32.

2. Data downloading

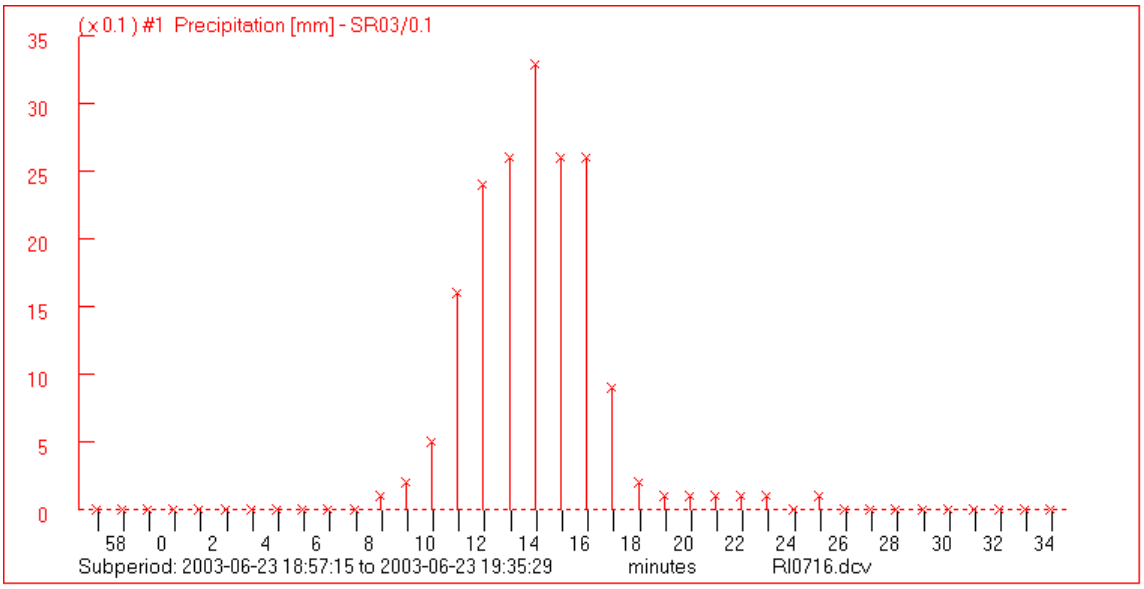
2.1.1. General info:



2.1.2. Choosing the interval in the data file



2.1.3. Graphical view of selected time subperiod (Mini32 software):



3. Notes:

- Export to XLS can be done just form this screen for the selected time subperiod.
- There is a possibility to create more files with different time resolution.
- The logger checks its proper operation and writes zero at midnight if there is no reainy events in current day at all. The possible problems (weak batteries for instance) are reported during data dowloading procedure.