

LDF File

The LDF files allow you to save logged data in files and view the data later. Hence the size of battery backed RAM or the buffer sizes of the data loggers will not limit the size of historical data you want to collect.

There are three ways to write the logged data of a data logger to an LDF file:

- 1) You can use a function button to perform "Copy Logged Data To .LDF File". The button writes all the logged data of the specified data logged to an LDF file.
- 2) You can use the Command Block to request this operation.
- 3) You can configure a data logger to write its collected data to an LDF file automatically with preset time interval.

To view the logged data of an LDF file, you need to load the data of that LDF file into a data logger first. A data logger is able to receive the data from an LDF file only when:

- 1) The definitions of the data items of the LDF file and the data logger are identical, and
- 2) The number of samples of the LDF file is not greater than the number of samples of the data logger.

The viewing objects for an LDF file should be configured for the data logger that is able to receive the data from that LDF file.

Data Logger

General | **Data Item**

Name: ID:

☐ Use battery backed RAM

Sample Size: words

Number of Samples:

Memory Required: words

Current Sample Memory

Word address range:

Sampling Method

☐ Timed

☐ Triggered

☐ Clocked

☐ Timed (sub-second)

☒ Load From LDF File

Sample Full Processing

☐ Stop Sampling

☐ Notify

External Control

☐ Clear Buffer

☐ Enable Sampling

☒ Save to .LDF file

Filename:

Time To Save: