DTI-Logger *

• Support for sample rate reduction (downsampling) in the DTI-Logger
  • Usage of up to 96 channels possible (depending on configuration).
  • Sampling rates in the DTI-Logger: 20 kHz, 5 kHz, 1 kHz und 500 Hz.

• Synchronized measurement of up to 3 DTI-Loggers possible
  • Configuration with more than 250 channels is possible.
  • Requires a SyncSwitch (Type 5614A).

• Identification of the DTI-Logger
  • The context menu of the DTI-Logger (right click on DTI-Logger in the “Device Center Tree”) provides the option to identify the DTI-Logger.
  • The Op LED on the DTI-Logger flashes for 5 seconds at a fast rate.

* For these functions, DTI-Logger with at least Firmware 11.0 is required
• Grouping of signals
  • Creating groups helps to keep track of many signals.
  • Parameterizing in groups is possible.
  • Simplifies the selection of signals.
  • A hole group can be completely drawn into a chart.
• Complete support of drag-and-drop with signals
  • Dragging signals into display elements (already possible from 2.1.0).
  • Dragging signals into input fields (e.g. on start-trigger signal in the test configuration).
• Moving average filter
  • For smoothing signals, an additional moving average filter can be used.
Signal overview

• **Editing multiple signals at the same time**
  - When selecting several signals in the overview, the parameters of all selected signals can be changed.
  - Visual feedback if parameters are different.

• **View**
  - The displayed signals can be limited via the search field.
  - By clicking on the table header, you can sort by the corresponding property (e.g. by units).

• **Options to select several signals***
  - Checking / unchecking → adds a signal to / removes a signal from the selection.
  - Clicking on line → just selects the signal.
  - Clicking on line pressing CTRL / SHIFT → selection function known from Windows.
  - Hold down the mouse button and drag over lines → selects all signals within this range.

* These methods also work for all other selection lists in KiCenter
• **Drag-and-drop of multiple signals**
  • Select several signals in the tree and drag them into the display. After one second, the display will appear. Now, the signals can be stored in the chart.

• **Drag-and-drop of groups**
  • Entire groups can be drawn completely into the chart.

• **Easy removal using the x**
  • By clicking on the x in the legend, the signals can be easily removed from the chart.
End display - Chart

- Measured values at the cursor
  - The measured values of the signals are displayed in the chart directly at the cursor.
- Moving the cursor with the mouse
  - The cursor can be easily moved with the mouse.
- Second cursor
  - The second cursor also shows the difference of the measuring points.
  - In addition, the minimum, maximum and average value can still be displayed in this area.
- Zoom with the mouse
  - Zoom by clicking and dragging.
  - Unzoom via context menu.
• Improved stability and internal improvements
  • Solving a multitude of errors.
  • Optimized components increase the stability.
• Clearer marking of warnings
  • Warnings, such as missing channel assignments, are highlighted more noticeable.
• Support of more DTI components and sensors
  • E.g. DTI Converter analog.