

ITHistExporter Fast Help

Quick Start

1. Open Lgh files via **File > Open** or drag them into the **Lgh Files** panel.
2. Analyse the files (**Edit > Analyse / Analyse All / Analyse Checked**).
3. Preview data if needed, then export (**Edit > Export / Export All / Export Checked**).

Toolbar

The top toolbar provides quick access to common settings:

Control	Description
Active Filter	Toggle the tag filter on/off.
DateTimePicker Min	Set minimum time for exporting. Check the box to enable.
DateTimePicker Max	Set maximum time for exporting. Check the box to enable.
Time Intervals	Set the sampling interval (<code>HH:mm:ss</code>) for Fit Data export.
TimeZone	Select the timezone for exported timestamps.

Lgh Files Panel

Columns: Index, Name, Status, Tags, Records, History Date, Full Path, Start Time, End Time, Duration, Size.

Right-Click Menu

Item	Description
Explorer Here...	Open Windows Explorer at the file location.
Check All / Uncheck All	Select or deselect all files.
Analyse / Analyse All / Analyse Checked	Analyse focused, all, or checked files.
Preview(Raw Data) / Preview(Fit Data)	Preview in the corresponding preview window.
Close / Close All / Close Checked	Close focused, all, or checked files.
Export / Export All / Export Checked	Export focused, all, or checked files.

Export Filter Window

View > Tagname Filter Window... to show/hide.

By default the filter is off and the tag list is empty — all tags will be exported.

To export specific tags:

1. **Preview** or **Analyse** a file first to populate the tag list.
2. Check the desired tags in the **TagName List**.
3. Turn on **Active Filter** in the toolbar.

TagName List Right-Click Menu

Item	Description
Check > (tag type)	Check tags by type: ALL, DISCRETE, INTEGER, REAL, MESSAGE, SYSTEM.
Check All	Check all tags.
Uncheck > (tag type)	Uncheck tags by type.
Uncheck All	Uncheck all tags.
Inverse All	Invert the check state of all tags.
Hide Unchecked	Hide unchecked tags from the list.
Load Tags...	Load a tag list from a <code>.txt</code> file.
Save Tags...	Save the current tag list to a <code>.txt</code> file.
Remove All Tags	Clear all tags from the list.

Raw Data Preview Window

View > Raw Data Preview Window... to show/hide.

Preview the original data in a single Lgh file.

- **Columns:** Tag, Value
- **Sub Tag Count Limit:** Limit the number of sub-tags displayed (1–200, default 100). Check **Unlimit** to remove the limit.

Right-Click Menu

Item	Description
Collapse All / Expand All	Collapse or expand all tree nodes.
Collapse Node / Expand Node	Collapse or expand the selected node.
Check / Uncheck by tag type	Check or uncheck tags by type.
Check All / Uncheck All / Inverse All	Bulk check operations.
Sync Check To Filter	Sync the checked tags to the Export Filter window.

Fit Data Preview Window

View > Fit Data Preview Window... to show/hide.

Preview the resampled/fitted data.

- **Columns:** Time, Index
- **Right-click menu:** Same tag check/uncheck and Sync Check To Filter as Raw Data Preview (Collapse/Expand items are hidden in this view).

Analyse

Analyse the Lgh file structure and fetch tag names without loading values.

Command	Scope
Analyse	Only the file currently focused.
Analyse All	All files in the list.
Analyse Checked	Only the checked files.

Preview

Load all tags and values from a Lgh file and display them in the Preview window.

Command	Description
Preview(Raw Data)	Preview original data in the Raw Data Preview window.
Preview(Fit Data)	Preview resampled data in the Fit Data Preview window.

Export Menu

Item	Description
CSV File Format	Export as CSV (default).
JSON File Format	Export as JSON.
Export Raw Data	Export original unprocessed data (default).
Export Fit Data	Export resampled data at the interval set in Time Intervals .
Time With MilliSeconds	Include milliseconds in exported timestamps.

Scan Lgh Files

File > Scan Lgh Files... or **Ctrl+F5**

Search directories for Lgh files and add them to the list.

1. Set the search directory and optionally check **Include Subfolders**.
2. Click **Find** to search.
3. Select files from the result list (right-click for Check All / Uncheck All / Inverse All).
4. Click **Add** to add selected files to the Lgh Files panel.

Preferences

Settings > Preferences...

Float Rounding Tab

Setting	Options
Rounding Method	Do Not Rounding (default) · Banker's Rounding · SARA (Symmetric Arithmetic Rounding Algorithm)
Rounding Mode (SARA only)	Nearest · Up · Down · Truncate
Decimal Places	0–12

Layout

Layout	Description
Default Layout	Docked panel layout with tabbed windows (default).
Classic Undocked	Traditional undocked window layout.

System Log

The bottom panel shows runtime status and error messages.

Press **Ctrl+C** in the System Log to copy hardware/system information.

Keyboard Shortcuts

Shortcut	Action
Ctrl+O	Open Lgh files
Ctrl+F5	Scan Lgh Files
Ctrl+F8	Close focused file
Ctrl+Shift+F8	Close all files

Status Bar

Displays: **Version**, **License type**, **Expiration date**, **Licensed to**.