DeviceLab Payload Collector,
- Nice to know feature list!

The Payload Collector App contains several small features that are “Nice to know” about for everyday use. This guide summarizes the most common.

About this Guide!

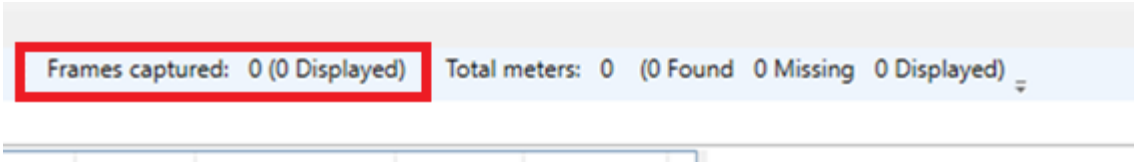
This Guide is written and illustrated based on the latest release version of the Payload Collector App available at the time of this Guides release.

We are actively updating our Guides, but we reserve the right to deviate as updates to the Payload Collector App with fixes and new features may have been released since this Guide was published.

Please visit our website: www.devicelab.dk
or contact our support: support@devicelab.dk
for the latest information.

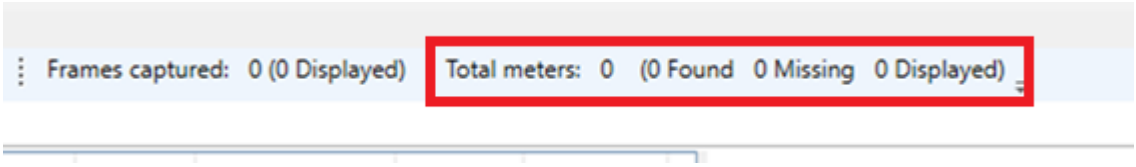
1) What does the *"Info bar"* tell you?

a) *"Frames captured":*



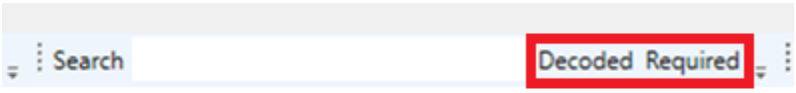
The total number of frames captured, and in parentheses, the number "Displayed" based on the search or marked as "Required!

b) *"Total meters"*:



The total number of devices captured, and in parentheses:
If a "Meterlist" is loaded... – how many there is "Found" and "How many there is still "Missing" ... - and the number "Displayed" based on the search or marked as "Required!

2) Select what you see:



Press *"Decoded"* ... -> only *"Decoded"* devices and frames will be shown.
Press *"Required"* ... -> only devices marked as *"Required"*.

3) How to search, best practice:

a) Search for a specific "Manufacture" by entering the manufacture-code, - e.g. GAV for Carlo Gavazzi or BMT for B-Meter etc.

b) Search for more by entering them with a "Space" between, - e.g. GAV BMT for Carlo Gavazzi and B-Meter etc.

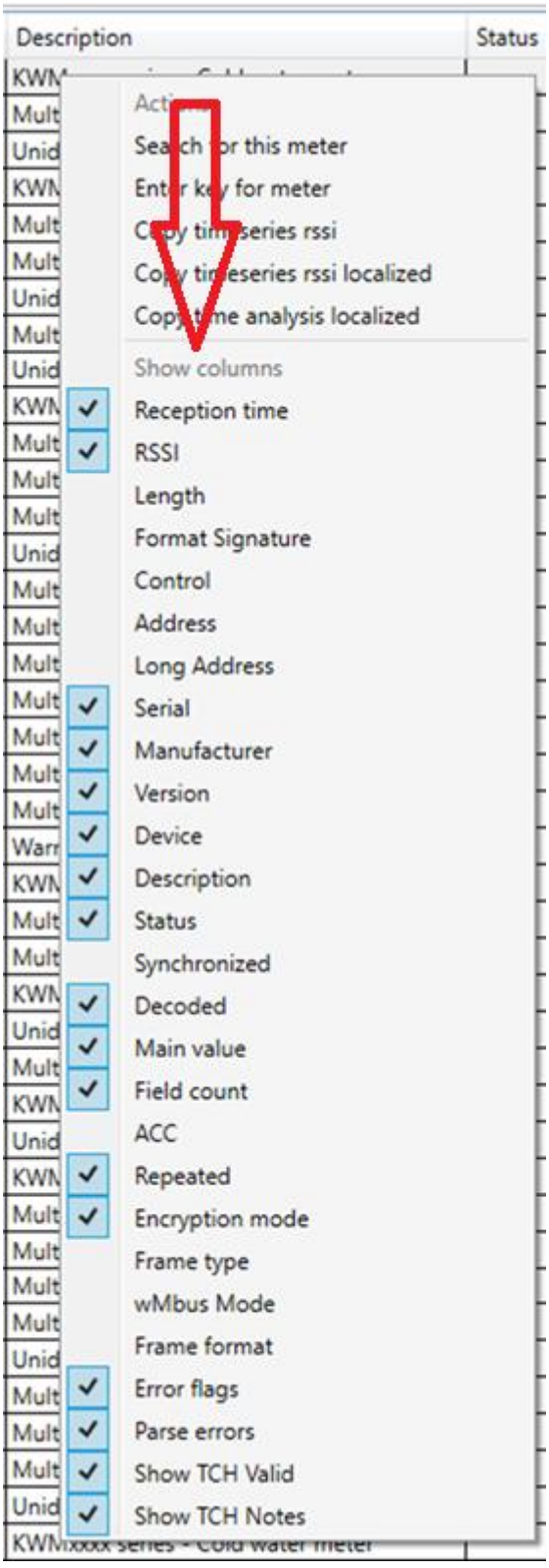
c) Search for a specific device by entering the serial number, - e.g. 12345678

d) Search for more devices by entering several serials with a "Space" between, - e.g. 12345678 23456789 etc.

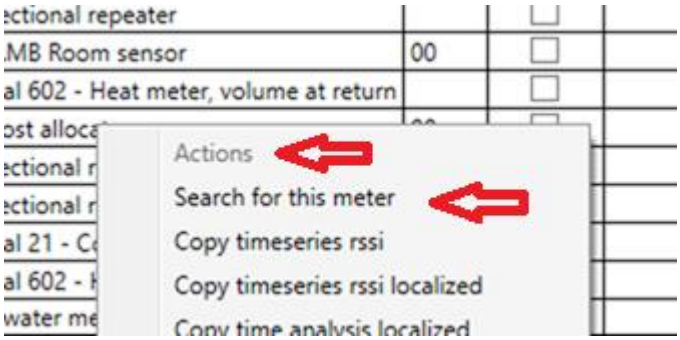
e) Search for a similar serial number by entering part of the number, - e.g. 1357... – then devices containing 1357 will show up!

4) On *"Frames"* tab, - Right-click and select relevant columns or deselect not-relevant columns under "Show columns".

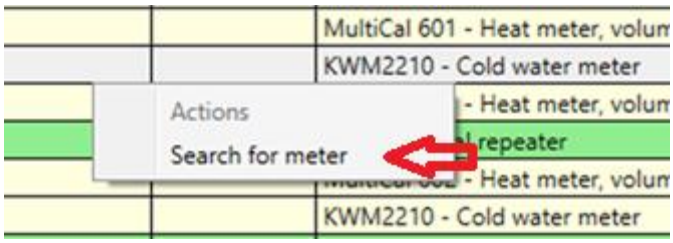
Remark: *"Columns"* settings will reset to default after restarting the Payload Collector App.



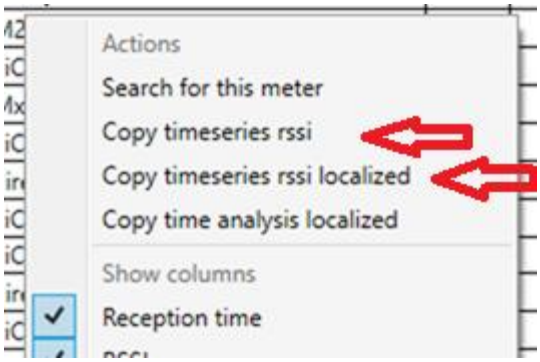
5) Right-click on a specific device in the *"Frames view"* under *"Actions"* to "search for this specific device.



6) Right-click on a specific device in the *"Meters view"* under *"Actions"* to "search for this specific device.



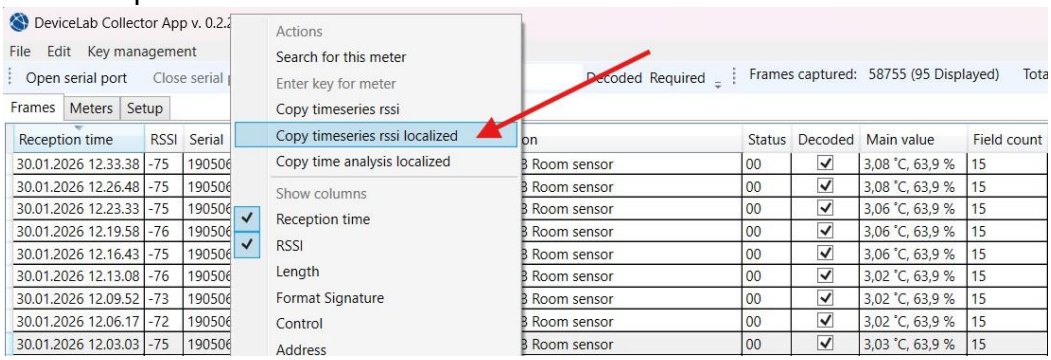
7) Right-click on a specific device in the *"Frames view"* under *"Actions"* to *"Copy timeseries rssi"* for this specific device.



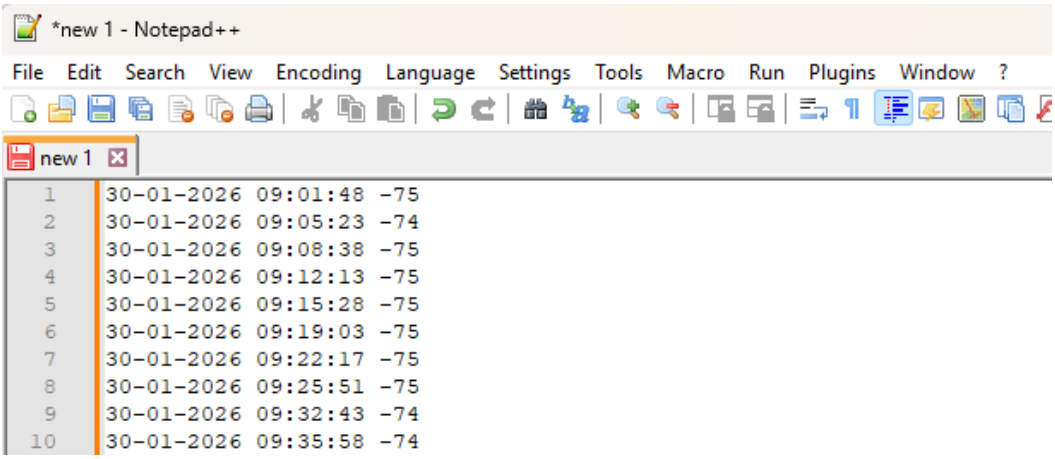
The copied content can then be pasted into a text editor or aspreadsheet.

Remark: That the only difference between *"Copy timeseries rssi"* and *"Copy timeseries rssi localized"* is the formatting of the timestamp.1

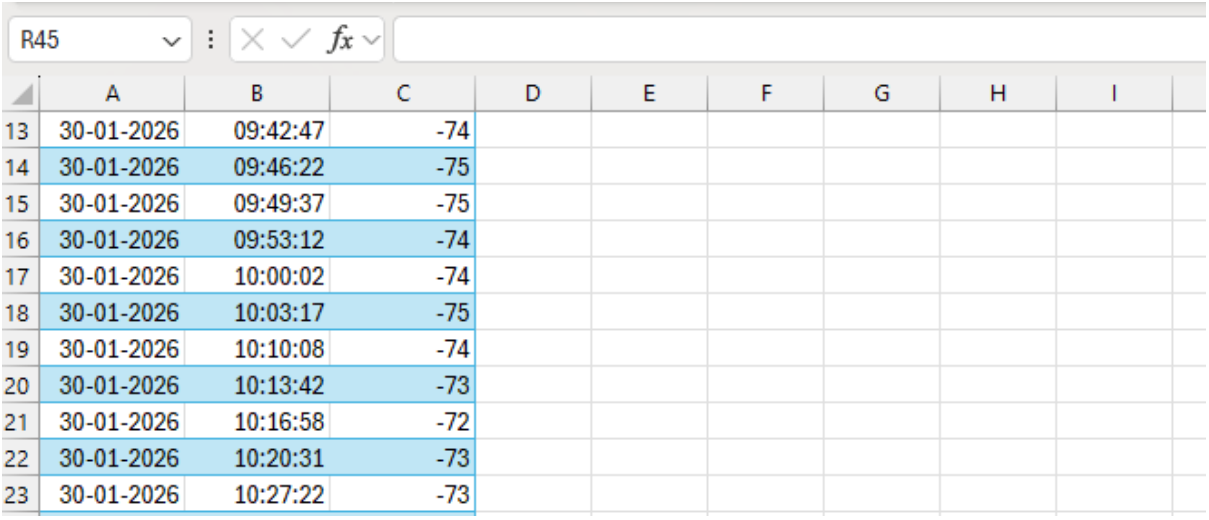
An example:



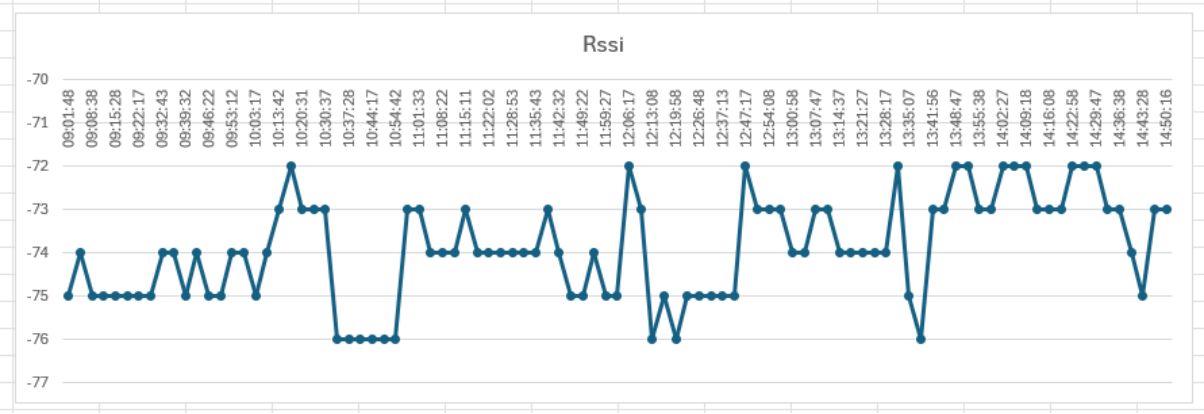
Pasted into a text editor:



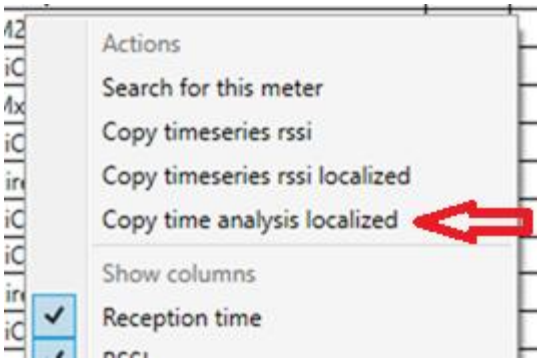
Imported into a spreadsheet



Inserted as a graph in the spreadsheet



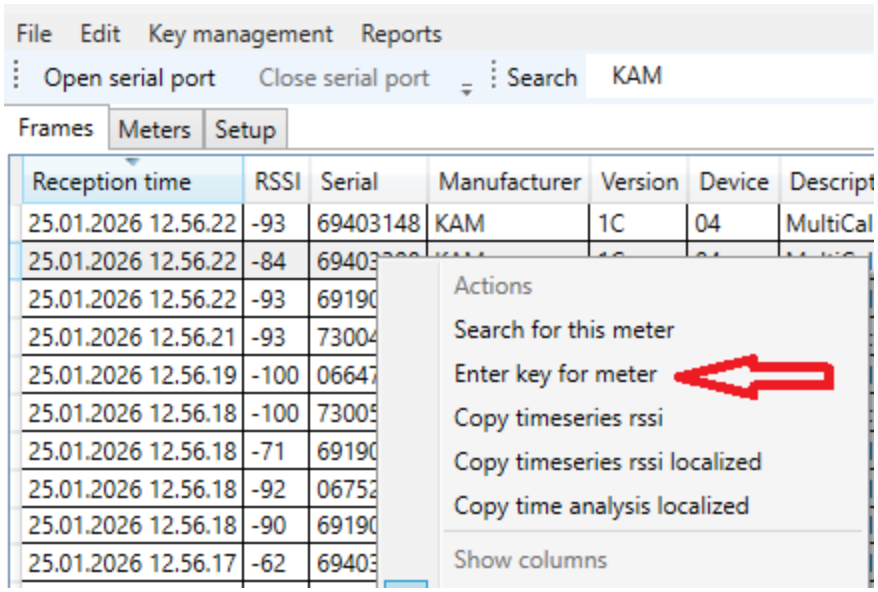
8) Right-click on a specific device in the *"Frames view"* under *"Actions"* to *"Copy time analysis localized"* for this specific device.
This feature will show the difference between reading- and reception times for the telegrams, if any.



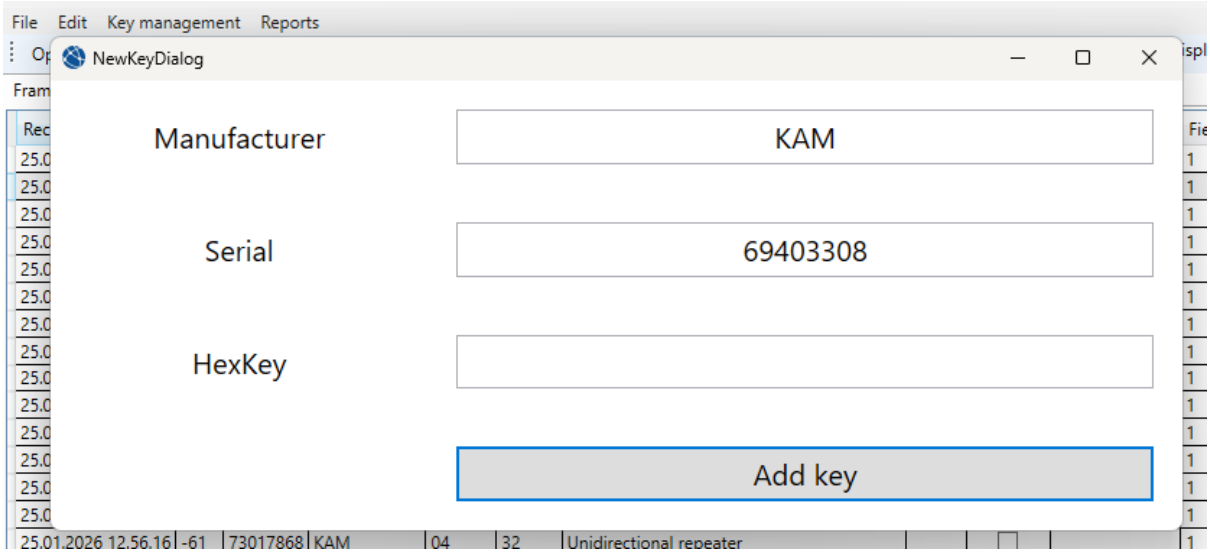
The copied content can then be pasted into a text editor or a spreadsheet.

10) Fast *"add decryption key for a specific device"* feature. *

In *"Frames view"*, - Right-click on a frame from a specific device and select *"Enter key for meter"*:



Enter the key in the pop-up window and press *"Add key"*;



Remark: This Feature is available in the Payload Collector App v.0.2.24.xx and above.