

DeviceLab Payload Collector, - Export formats!

The Payload Collector App supports saving collected frames and several exports optimized for different purposes.

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: <u>www.devicelab.dk</u> or contact our support: <u>support@devicelab.dk</u> for the latest information.

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Saving collected frames:

Save frames CSV files: Use "Save Frames CSV files" to continuously save data while you are collecting your data and when you're done and have "Close serial port" to finish your collecting job!

DeviceLab Collector App v. 0.2.19.66+e711cd954c6492d3a82ffa62e4cb60b799d6839													
File	e Edit Key management Reports												
	New session (clear data)	Ctrl+N		rch	/	-							
	Load frames from CSV file	Ctrl+O	-										
	Save frames CSV file 🛛 🔶	Ctrl+S		rer	Version	Device	Description						
	Save as new frames CSV file				FE	07	Water meter						
	Export frames file		۲		07	04	ULTRAHEAT T23						
	Export readings file		۲		1B	06	MultiCal 21 - W						
	Load meterlist				1B	06	MultiCal 21 - W						
	Save meterlist				1B	06	MultiCal 21 - W						
					1B	16	MultiCal 21 - Co						
	Exit				1B	06	MultiCal 21 - W						

First time saving you will be asked to give the file name and were to save it. While you're collecting, a status in the lower left corner will show...

Collected data not saved and no filename is given!



A filename is given, but there are new collected data there is not saved!







Save as new frames CVS files: ""Save as new Frames CSV files" gives you the ability to save collected and new collected data in a new file with a new name.

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File	ile Edit Key management Reports												
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	Export readings file		۲		1B	06	MultiCal 21 - V						
	Load meterlist				1B	06	MultiCal 21 - V						
	Save meterlist				1B	06	MultiCal 21 - V						
					1B	16	MultiCal 21 - C						
	Exit				1B	06	MultiCal 21 - V						

Export frames file: Use "Export frames file" to export a subset of the collected data options... – there are 3 options!





-> From required meters: A meter is marked as "*Required"* if you have loaded a "*meterlist"* or if manually has marked some as "*Required"* on the "Meters" tab.

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File Edit Keymanagement Reports												
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Required	Manufacturer	Serial	Device	Version	Radio Manufacturer	Rad						
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	KAW	10093964	16	3A								
	KAM	6839585	04	1A								
<	KAM	73004797	32	04								
 Image: A start of the start of	KAM	73005061	32	04								
	KAM	69403147	04	1C								

-> **Displayed frames:** A meter is marked as "*Displayed"* for example, if it is searched for by Manufacture, Serial, Device, Version...

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Frames M	Frames Meters Setup									
Required	Manufacturer	Serial	Device	Version	Radio Manufacturer	Radio Serial	R			
GAV		21858	02	00						

- or if "Decoded" is selected!

S DeviceLab Collector App v. 0.2.20.67+669112bab6e485f5048e821e6fde151b95020cda - Licensed to Ka											
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	ELV	63000055	1B	0A							
	GAV	21858	02	00							



-> **decrypted frames:** Will export frames that are decrypted because a key has been uploaded or if the meter is running unencrypted!

Export readings file: Use "Export readings file" to export file with readings... – there are 2 options in this function!

Note!

If some meters are marked as "Required" or if you have loaded a "meterlist", - these meters will be exported if they have a "reading value".

If no one is marked, all meters with a "reading value" will be exported!

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File	Edit Key management Repo	orts	_				
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	Load frames from CSV file						
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	Save as new frames CSV file		20	02	Electricity meter		
	Export frames file	•		0A	1B	Room sensor	
	Export readings file 🐣	•		Basic			tricity meter
	Load meterlist			Compl	ete		tricity meter
	Save meterlist			FE	Ub	Warm water mete	
			20	02	Ele	ctricity meter	
	Exit			04	32	Uni	idirectional rep

-> **Basic:** Is the most basic one for human reading.

-> **Complete:** Is optimized for machine reading and almost follows the "Elvaco standard".



Save meterlist: Use this "Save" function to save a list of all or a part of received devices.

Note!

If some meters are marked as "Required" or if you have loaded a "meterlist", - these meters will be "Saved.

If no one is marked, all meters will be "Saved".

DeviceLab Collector App V. U.2.2U.07+009112babbe485t5048e821ebtde151b95020cda										
File	Edit Key management	Reports								
	New session (clear data)	Ctrl+N	rch							
	Load frames from CSV file	Ctrl+O		/						
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	Export readings file	· ·		6A	08	Heat cost allocate				
	Load meterlist			3C	16	KWMxxxx series ·				
	Save meterlist			20	02	Electricity meter				
				35	04	MultiCal 603 - He				
	Exit			64	80	Heat cost allocat				

This meterlist is saved as a .csv file and contains relevant device info as Manufacture, Serial, Device, Version etc... – and latest reading values if a key is loaded or it runs unencrypted!

Example .csv



Imported to Excel.

	А	В	С	D	E	F	G	н	1	J	K	L
1	Manufacturer 💌	Serial 💌	Device 💌	Version 💌	RadioManufacturer 💌	RadioSerial 💌	RadioDevice	RadioVersion	Notes *	DeviceDescription	CurrentValue	FormatSignature 💌
2	ABB	185818	2	20						Electricity meter	2103550 Wh	50455
3	GAV	21858	2	0						EM24DINAV23 - 3 phases direct	224900 Wh	643