

DeviceLab Payload Collector, - Getting started with Mioty!

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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Find and download latest Payload Collector installation file on the DeviceLab website... <u>https://devicelab.dk/</u>



Install it as described in "*DeviceLab Payload Collector, - Getting started!"* Guide.

Note! – that a Payload Mioty Collector license is required! Open your Payload Collector and check if you have a Mioty License... Mioty connection status is then visible in the lower right corner!





A) If it's a new installation, then follow the Payload Collector installation guide. Copy your "Machine code" and mail it to "info@devicelab.dk" to get your Mioty license key.

B) If you have a running Payload Collector, you must find you "Machine Code"

These with the type regeate and press Effect to start Registry i	Luitoi
🖾 Run 🛛 🕹	
Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.	
Open: regedit ~	
OK Cancel <u>B</u> rowse	

Go to: *Computer**HKEY_CURRENT_USER**Software**DeviceLab**CollectorApp* Find "LicenseCode", right-click and rename it to eg. "_LicenseCode".

Name		🖊 Туре	Data
ab (Default)		REG_SZ	(value no
ab LicenseCod	le 🥌	REG_SZ	1gCAAIR
🕫 MasterSalt		REG_BINARY	56 ad af
🕫 MasterTest		REG_BINARY	79 cc df
ab SerialPortN	ame	REG_SZ	COM3
ab SnifferType		REG_SZ	lansen
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Name ab (Default) ab License Master Master b SerialPc	Modify Modify Binary Delete	Type REG_SZ	Data (value no 1gCAAIR 56 ad af e 79 cc df 9 COM3
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Name	Туре	Data
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🕮 MasterSalt	REG_BINARY	56 ad a
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A SerialPortName	REG_SZ	COM3
ab SnifferType	REG_SZ	lansen
ab) WmbusMode	REG_SZ	mode_

Start your "Payload Collector" App.

Nissing license		-	×
You have 0 days of your 30 day trial left.	Thank you for evaluating DeviceLabs Payload Collector app Continue Evaluation		
	Enter License		
	Exit		
	When ordering a license we may ask for a machine code, which for this pc is:		

Copy your "Machine Code" and mail it to <u>info@devicelab.dk</u>, to get your Mioty license key.



Installation and first run of your Mioty Collector device.

Press "Win + R", - type "ncpa.cpl" ...

💷 Run	×
	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
<u>O</u> pen:	ncpa.cpl ~
	OK Cancel <u>B</u> rowse

Press "Enter" to start the Network adaptor view!



Connect your Mioty Collector device via it's USB-C port to a USB port on your PC. Shortly after a new network adaptor pops-up!



Right-click on "Remote NDIS Compatible Device" an select "Properties"



Select "Internet Protocol Version 4 (TCP/IPv4)" and press "Properties"

Etherne	t 3 Properties	>
Networking	Sharing	
Connect u	sing:	
📄 Ren	note NDIS Compatible Device	
	Configure	ר
This conne	ection uses the following items:	
	ile and Printer Sharing for Microsoft Networks IoS Packet Scheduler Internet Protocol Version 4 (TCP/IPv4) Nicrosoft Network Adapter Multiplexor Protocol Nicrosoft LLDP Protocol Driver Internet Protocol Version 6 (TCP/IPv6)	
Inst Descripti Allows y network	all Uninstall Properties	
	OK Canc	el
This connecti	ion uses the following items:	
Clier Clier File QoS Micr Micr Micr Inter Inter	nt for Microsoft Networks and Printer Sharing for Microsoft Networks & Packet Scheduler met Protocol Version 4 (TCP/IPv4) rosoft Network Adapter Multiplexor Protocol rosoft LLDP Protocol Driver met Protocol Version 6 (TCP/IPv6)	
Install.	Uninstall Properties	



Select "Use the following IP address"

Alternate Configuration					
get IP settings assigned au ability. Otherwise, you need appropriate IP settings.	tomatically I to ask yo	y if y our r	your n networ	etwork su k adminis	ipports trator
otain an IP address automati	cally				
e the following IP address:	~		-	•	
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et mask:		*]
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Type IP address: 172.30.0.1 and Subnet: 255.255.255.0

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ieneral	
You can get IP settings assigned this capability. Otherwise, you n for the appropriate IP settings.	automatically if your network supports eed to ask your network administrator
Obtain an IP address auton	natically
O Use the following IP addres	s:
IP address:	172.30.0.1
Subnet mask:	255 . 255 . 255 . 0
Default gateway:	
Obtain DNS server address	automatically
O Use the following DNS serve	er addresses:
Preferred DNS server:	
Preferred DNS server: Alternate DNS server:	· · ·

Press "OK" -> "Close" – and reopen the Payload Collector app.



First run of Payload Collector will trigger a Windows Firewall Warning...

Windows Security	
Do you want to allo networks to access	ow public and private this app?
Windows Firewall has blocke PayloadCollectorApp on all PayloadCollect Publisher DeviceLab ApS	ed some features of public and private networks. torApp
Show more	
Allow	Cancel

Press "*Allow"* to allow communication between the "Payload Mioty Collector Device" and the "Payload Collector" App.

Note! - For third-party firewall programs, look for information in its documentation!



The Mioty connection status change to "Connected" and the "Mioty devices" tap now show received devices...

S DeviceLab Collector App v. 0.2.19.66+e711cd954c6492d3a82ffa62e4cb60b799d68391 - Licensed to DeviceLab	-		×
File Edit Keymanagenent			
Open serial port vserial port i Search Decoded Required : Frames captured: 4 (4 Displayed) Total meters: 0 (0 Found 0 Missing 0 Displayed)			
Frames Meters Mioty devices Setup			
Manufacturer Short address Long address Data type Description Latest value Frame count Decoded			
		П	
		37	
		V	
Unsaved changes	N	lioty: Con	nected

Note! - that it can take 15-20 sec. to initialize the connection.

Frame	es t	ар	SL	iows	rec	:en	ved i	ra	me	5						
S DeviceLab Collect	or App v. 0.	2.19.66+6	e711cd9	54c6492d3a82	ffa62e4cb	60b799d	168391 - Licen	sed to D	eviceLab							– 🗆 ×
File Edit Key mana	agement															
Open serial port	Close seria	al port	_∓ i Sea	rch			Deco	oded Re	quired ₌	Frames ca	ptured: 4 (4	Display	yed)	Total meters: 0	(0 Fou	nd 0 Missing 0 Displayed)
Frames Meters Mi	oty devices	Setup														
Reception time	RSSI SNR	eqSNR	Serial	Manufacturer	Version	Device	Description	Status	Decoded	Main value	Field count	Repea	ated	Encryption mode	Error fl	Subpackets info
11.06.2025 16.32.43	-51 22,10	0 10,62	0487]	TsUnbMac	0	40
11.06.2025 16.32.31	-51 19,62	2 14,56	0487		<u> </u>									TsUnbMac	0	
11.06.2025 16.32.21	-51 25,16	5 15,84	0487											TsUnbMac	0	
11.06.2025 16.32.10	-51 20,27	7 13,52	0487										J	TsUnbMac	0	20
																# 40000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
																Error flags
																Fields
																Description Value Unit SubUnit Tariff Storage
																Legend: Main Due date Error field
																Hexadecimal encoded Miloty frame
																5A E1 D5 B7
														_		
															,	
Unsaved changes																Mioty: Connected

"Frames" tap shows received frames



How to add Mioty decryption keys to the "Payload Collector" App.

On "Mioty devices" tap, - Right-click on the received device where you want to add a decryption key and press "*Edit device*"!

File Edit Key	management						
Open serial p	ort Close se	rial port 🝦 丨	Search			Decode	ed Required 🝦 🕴 Frames captured: 4 (4 Displayed)
Frames Meter	s Mioty device	s Setup					
Manufacturer	Short address	Long address	Data type	Description	Latest value	Frame count	Decoded
	0487				İ.		
	40			Ed	lit device		

Enter the information provided from the manufacture

DeviceLab Collector App v. 0.2.19.66+e711cd954c6492d3a82ffa62e4cb60b799 File Edit Key management	d68391 - Licensed to DeviceLab
Open serial port Close serial port 🖕 Search	Decoded Required 🝦 🕴 Frames captured: 4 (4 Displayed) To
Frames Meters Mioty devices Setup	
Manufacturer Short address Long address Data type Description Latest value	ue Frame count Decoded
Contraction Contra	– – ×
Short Address	0487
Long Address(EUI)	
Network Key	
Application Key	
	Save

- and you're good to go!!!