





# Firmware update

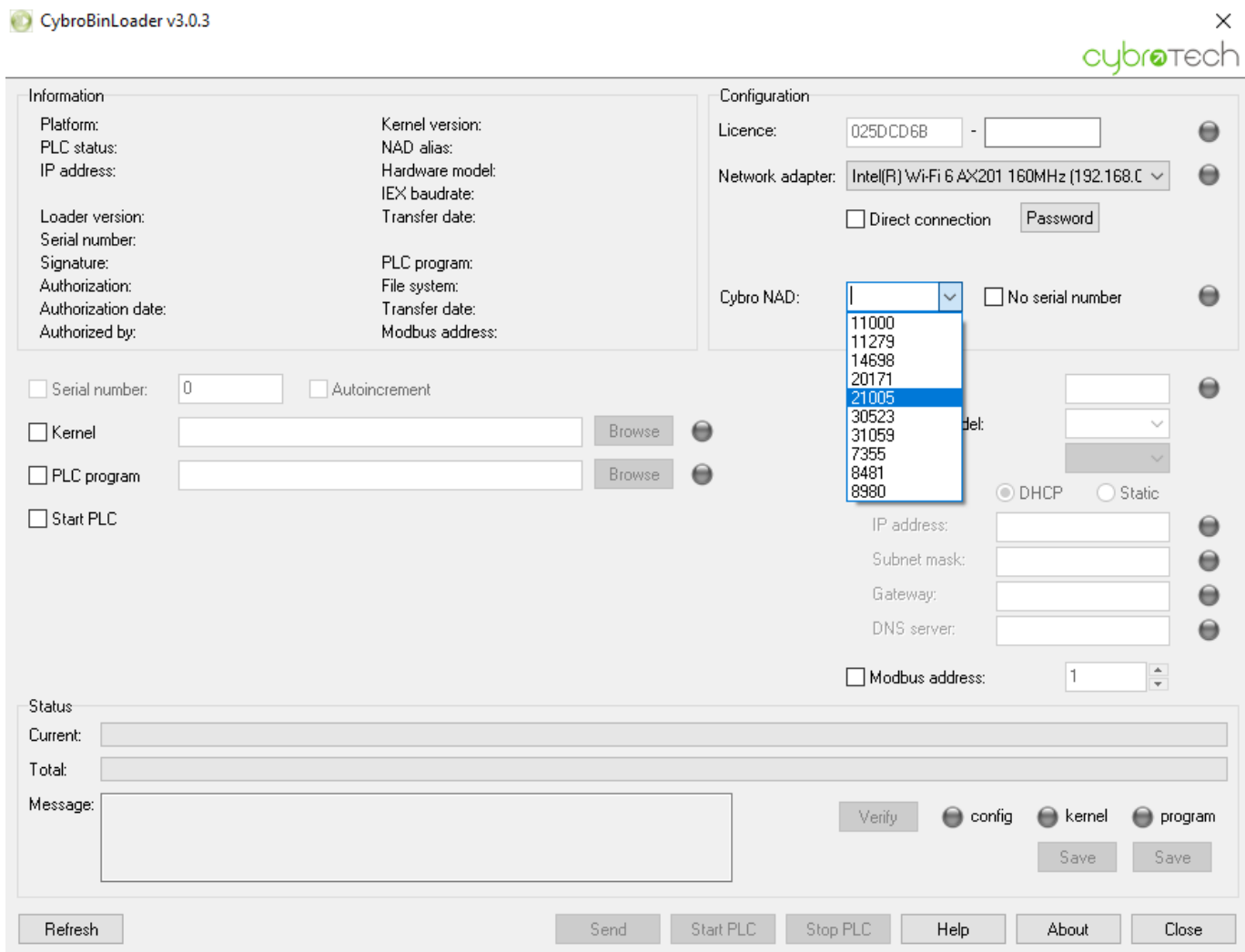
## CyBroBinLoader software

- Download latest CyBroBinLoader.exe from [www.cybrotech.com](http://www.cybrotech.com)
- Run CybroBinLoader.exe
- In case Windows OS is blocking execution, click on more info and run anyway

	<b>CyBroBinLoader-v3.0.3.exe</b> Update Cybro kernel and plc program. Also able to set alias, model, baudrate, IP address, Modbus id, and dump controller memory. Works in local network, internet connection is not supported.	766.50 KB 2021-07-17	 
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# Firmware upload

- Download latest HEMS firmware from [Downloads](#)
- Select correct Cybro NAD (sticker on top of MC controller)
- Select firmware under PLC program
- Enable PLC program and Start PLC
- Click send
-  Do not interrupt durring update process



The screenshot shows the CybroBinLoader v3.0.3 application window. The interface is divided into several sections:

- Information:** A table of system details including Platform, PLC status, IP address, Loader version, Serial number, Signature, Authorization, Authorization date, Authorized by, Kernel version, NAD alias, Hardware model, IEX baudrate, Transfer date, PLC program, File system, Transfer date, and Modbus address.
- Configuration:** Fields for Licence (0250CD6B), Network adapter (Intel(R) Wi-Fi 6 AX201 160MHz (192.168.C)), and Cybro NAD (a dropdown menu with a list of values including 11000, 11279, 14698, 20171, 21005, 30523, 31059, 7355, 8481, 8980). There are checkboxes for Direct connection, Password, and No serial number. Network settings include IP address, Subnet mask, Gateway, and DNS server, with radio buttons for DHCP and Static. A Modbus address field is set to 1.
- Serial number:** A field with the value 0 and an Autoincrement checkbox.
- File selection:** Checkboxes for Kernel, PLC program, and Start PLC, each with a corresponding Browse button.
- Status:** A section with Current, Total, and Message labels, and a large text area for messages.
- Buttons:** A row of buttons at the bottom: Refresh, Send, Start PLC, Stop PLC, Help, About, and Close. There are also buttons for Verify, config, kernel, program, and Save.

### CybroBinLoader v3.0.3

Information

Platform:	Cybro-3/ARM	Kernel version:	3.0.8
PLC status:	run	NAD alias:	none
IP address:	192.168.0.169 (dhcp)	Hardware model:	Cybro-3
		IEX baudrate:	100kbps
Loader version:	3.2	Transfer date:	2021-10-27 11:23:20
Serial number:	21005		
Signature:	201E5417h	PLC program:	ok
Authorization:	ok	File system:	1 file(s)
Authorization date:	2020-06-23 17:16:40	Transfer date:	2021-10-27 14:26:12
Authorized by:	9110C49Dh	Modbus address:	1

Configuration

Licence: 025DCC6B - [ ]

Network adapter: Intel(R) Wi-Fi 6 AX201 160MHz (192.168.0.1) [ ]

Direct connection

Cybro NAD: [21005]  No serial number [ ]

Serial number: [0]  Autoincrement

Kernel [ ] Browse [ ]

PLC program [C:\Users\mbehek\Desktop\hems\_1.2.0.bin] Browse [ ]

Start PLC

NAD alias: [ ]

Hardware model: [ ]

IEX baudrate: [ ]

IP address:  DHCP  Static

IP address: [ ]

Subnet mask: [ ]

Gateway: [ ]

DNS server: [ ]

Modbus address: [1]

Status

Current: [ ]

Total: [ ]

Message: 2021-10-28 11:35:58: connected

Verify [ ] config [ ] kernel [ ] program [ ]

Save [ ] Save [ ]

Refresh [ ] Send [ ] Start PLC [ ] Stop PLC [ ] Help [ ] About [ ] Close [ ]

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Last update: 2021/10/28 10:03

