






# Firmware update

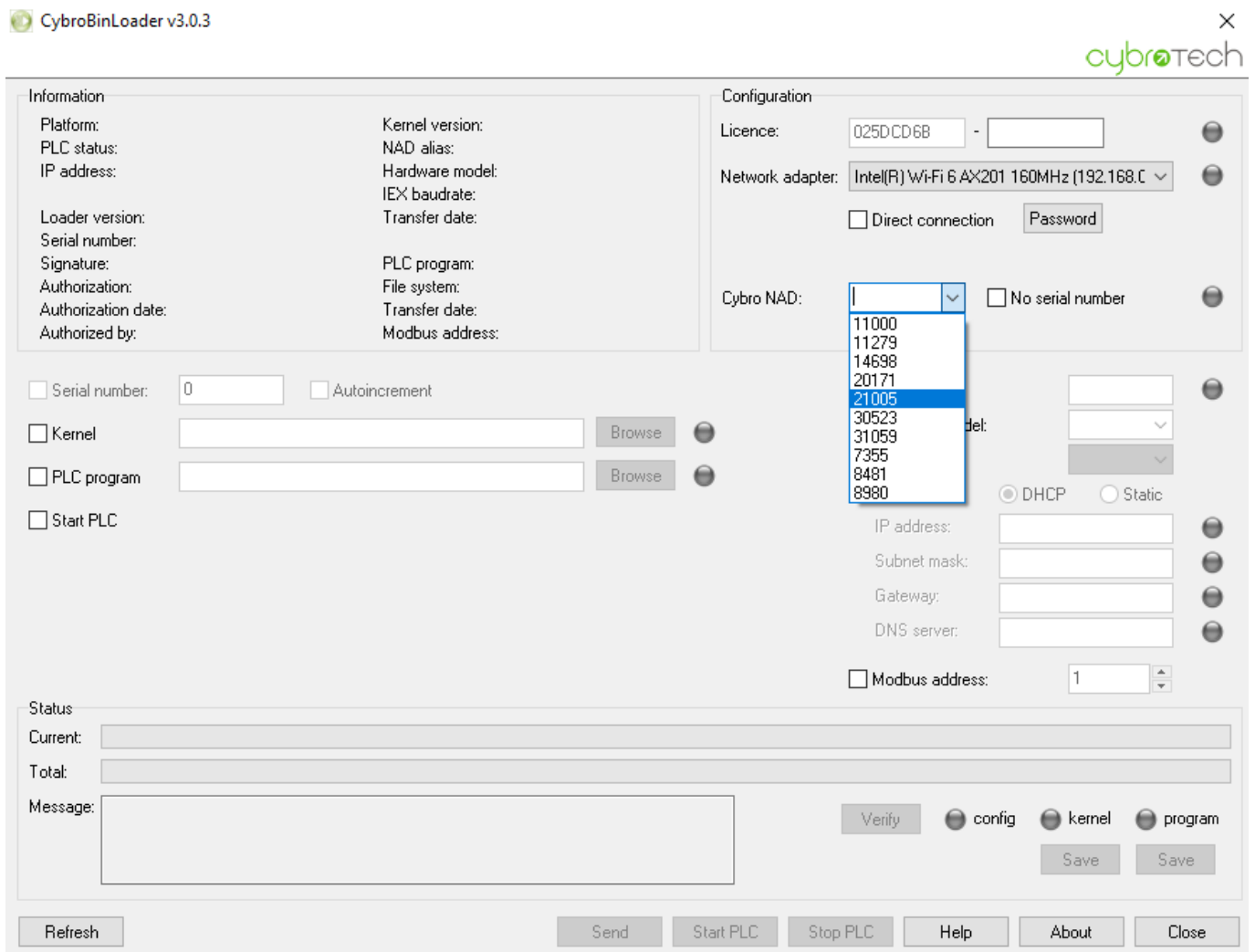
## CyBroBinLoader software

- 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 [Download](#)
- Select correct Cybro NAD (sticker on top of MC controller)
- Select firmware under PLC program
- Enable PLC program and Start PLC
- Click send
-  PC must be on the same network as MC controller
-  Do not interrupt during update process



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

- Information:** A table-like area for system details.

Platform:	Kernel version:
PLC status:	NAD alias:
IP address:	Hardware model:
	IEX baudrate:
Loader version:	Transfer date:
Serial number:	PLC program:
Signature:	File system:
Authorization:	Transfer date:
Authorization date:	Modbus address:
Authorized by:	
- Configuration:** Fields for Licence (0250CD6B), Network adapter (Intel(R) Wi-Fi 6 AX201 160MHz (192.168.C)), and Cybro NAD (dropdown menu with values: 11000, 11279, 14698, 20171, 21005, 30523, 31059, 7355, 8481, 8980). It also includes checkboxes for Direct connection, Password, and No serial number.
- Serial number:** Input field with '0' and an Autoincrement checkbox.
- Kernel:** Input field with a Browse button.
- PLC program:** Input field with a Browse button.
- Start PLC:** A checkbox.
- Network Settings:** Radio buttons for DHCP (selected) and Static. Fields for IP address, Subnet mask, Gateway, and DNS server.
- Modbus address:** Input field with '1' and a Modbus address checkbox.
- Status:** Fields for Current, Total, and Message.
- Buttons:** Verify, config, kernel, program, Save, Save, Refresh, Send, Start PLC, Stop PLC, Help, About, Close.

### 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
		Transfer date:	2021-10-27 11:23:20
Loader version:	3.2		
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: 025D CD6B - [ ]

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 10:05

