






# Firmware update

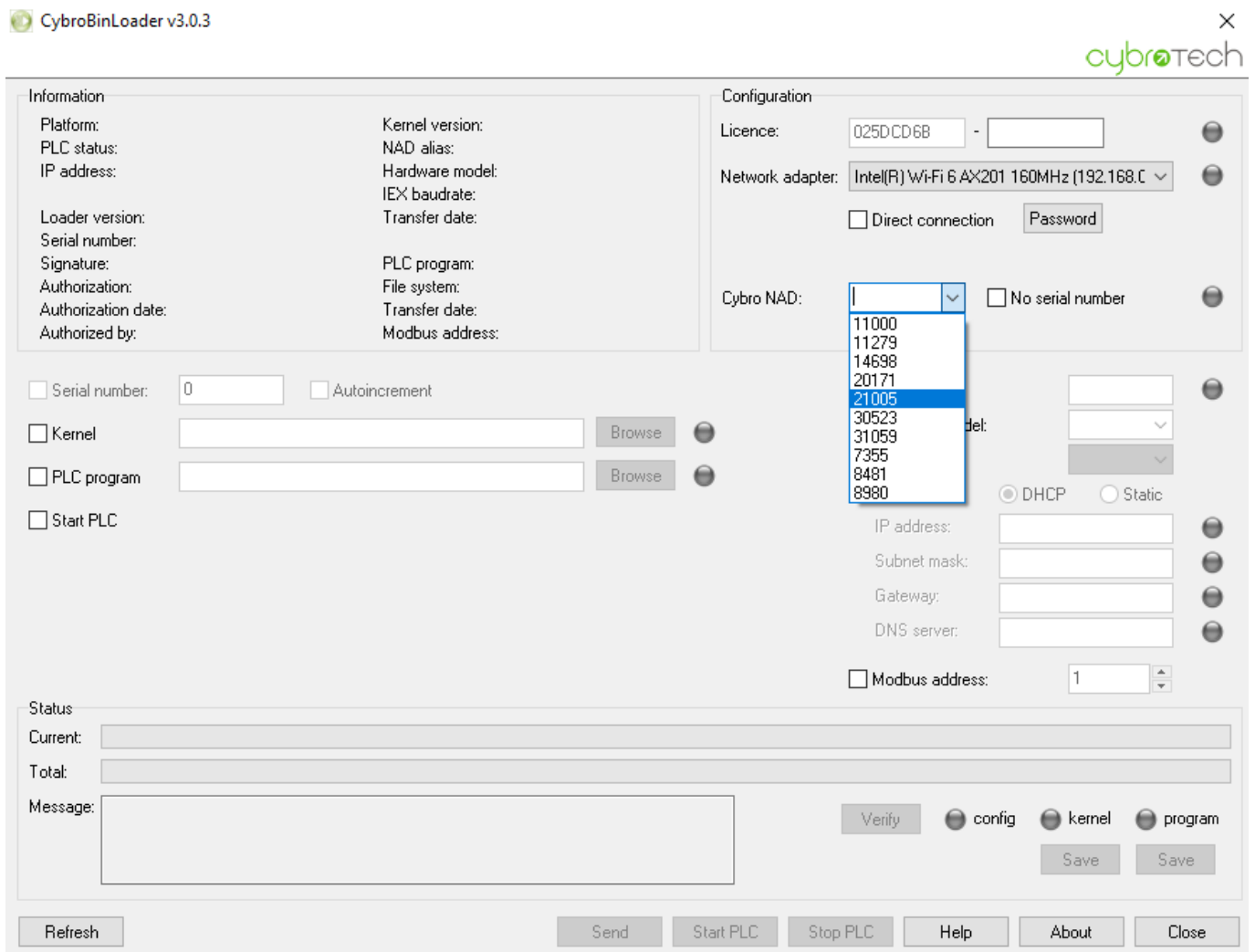
## CyBroBinLoader software

- Download latest CyBroBinLoader.exe from <https://www.cybrotech.com/software-category/tools/>
- 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 durring 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 displaying system details such as Platform, Kernel version, PLC status, NAD alias, IP address, Hardware model, Loader version, Serial number, IEX baudrate, Signature, PLC program, Authorization, File system, Authorization date, Transfer date, Authorized by, and Modbus address.
- Configuration:** A section for setting up the device, including Licence (0250CD6B), Network adapter (Intel(R) Wi-Fi 6 AX201 160MHz (192.168.C)), and Cybro NAD (a dropdown menu with values like 11000, 11279, 14698, 20171, 21005, 30523, 31059, 7355, 8481, 8980). It also includes options for Direct connection, Password, No serial number, DHCP/Static IP, IP address, Subnet mask, Gateway, DNS server, and Modbus address.
- Serial number:** A field with the value 0 and an Autoincrement checkbox.
- Kernel:** A field with a Browse button.
- PLC program:** A field with a Browse button.
- Start PLC:** A checkbox.
- Status:** A section with Current, Total, and Message fields.
- Buttons:** A row of buttons including Verify, config, kernel, program, Save, Save, Refresh, Send, Start PLC, Stop PLC, Help, About, and 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	PLC program:	ok
Serial number:	21005	File system:	1 file(s)
Signature:	201E5417h	Transfer date:	2021-10-27 14:26:12
Authorization:	ok	Modbus address:	1
Authorization date:	2020-06-23 17:16:40		
Authorized by:	9110C49Dh		

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 10:34

