





# Firmware update

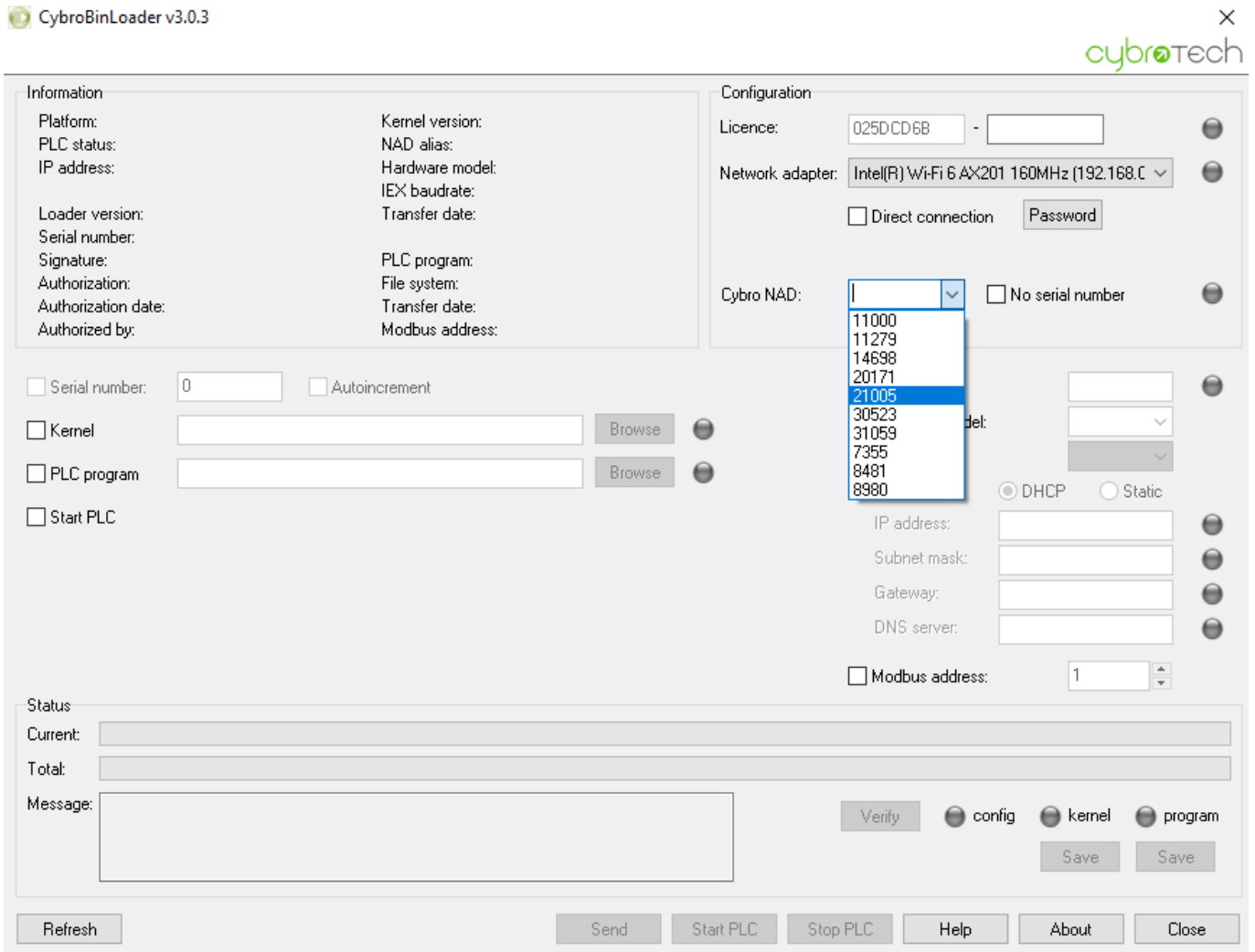
## CyBroBinLoader software

- 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: en:hems\_v1\_2\_0:download
- 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. It features a 'Configuration' section with fields for Licence (0250CD6B), Network adapter (Intel(R) Wi-Fi 6 AX201 160MHz (192.168.C)), and Cybro NAD (a dropdown menu currently showing a list of values including 11000, 11279, 14698, 20171, 21005, 30523, 31059, 7355, 8481, and 8980). There are also checkboxes for 'Direct connection', 'Password', and 'No serial number'. Below this, there are fields for IP address, Subnet mask, Gateway, and DNS server, with radio buttons for DHCP and Static. A 'Modbus address' field is set to 1. The 'Information' section on the left lists various system details like Platform, Kernel version, and PLC status. At the bottom, there are buttons for 'Verify', 'config', 'kernel', 'program', 'Save', 'Refresh', 'Send', 'Start PLC', 'Stop PLC', 'Help', 'About', and 'Close'. A status bar at the very bottom shows 'Current:' and 'Total:' progress indicators and a 'Message:' text area.

### 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 09:40

