







Firmware update

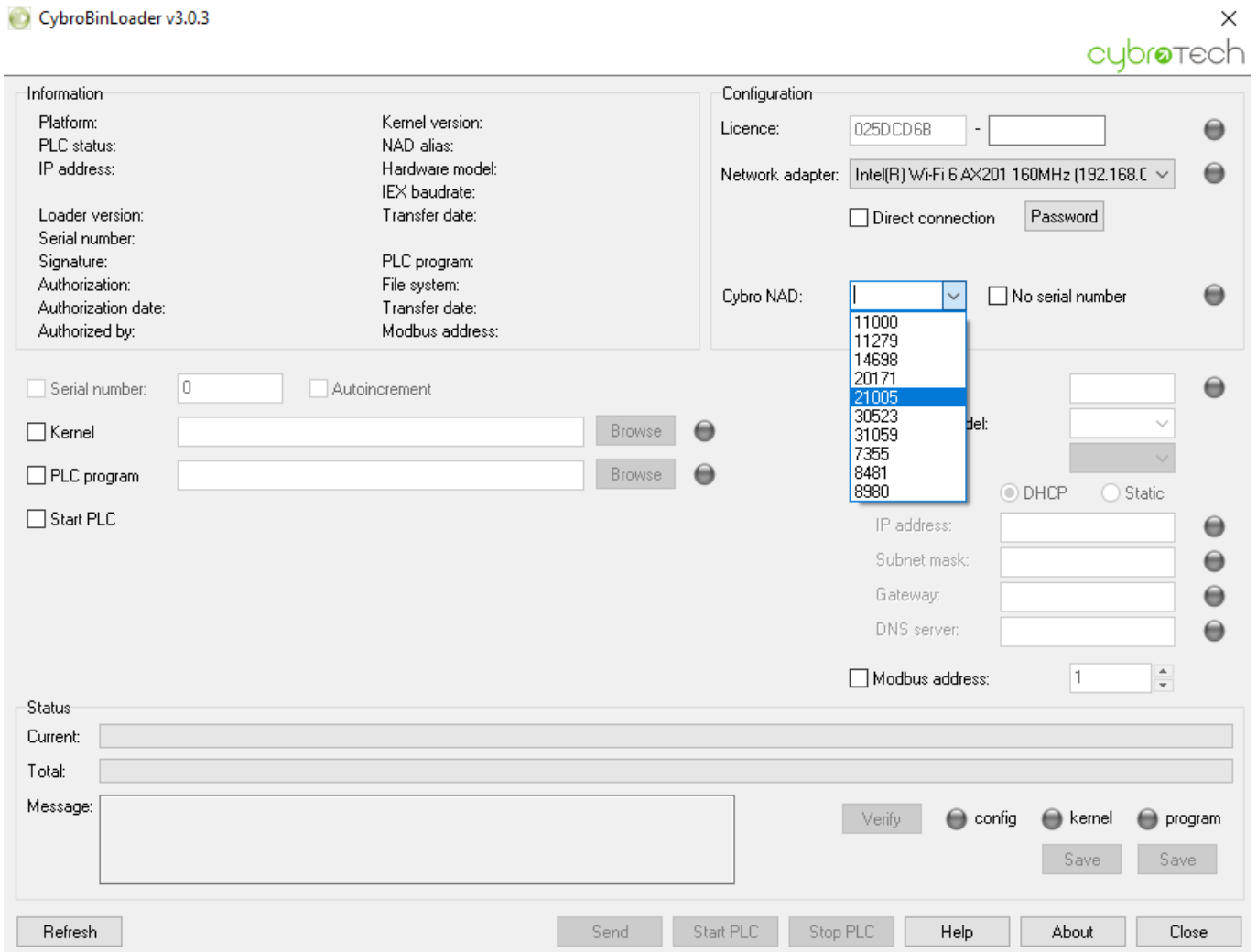
CyBroBinLoader software

- 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”

	CyBroBinLoader-v3.0.3.exe	766.50 KB 2021-07-17
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.		
		

Firmware upload

- Download latest HEMS firmware from [Download](#)
- Select correct Cybro NAD (sticker on top or side 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
-  HEMS configuration may be lost, use BACKUP before update and later RESTORE as described under [Software](#)



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, Kernel version, NAD alias, Hardware model, IEX baudrate, Transfer date, Loader version, Serial number, Signature, Authorization, Authorization date, Authorized by, PLC program, File system, Transfer date, and Modbus address.
- Configuration:** Fields for Licence (025DCD6B), Network adapter (Intel(R) Wi-Fi 6 AX201 160MHz (192.168.C)), and Cybro NAD (a dropdown menu currently showing a list of values: 11000, 11279, 14698, 20171, 21005, 30523, 31059, 7355, 8481, 8980). There are also checkboxes for Direct connection, Password, and No serial number.
- Serial number:** A text input field with '0' and an 'Autoincrement' checkbox.
- Kernel:** A 'Browse' button next to an empty text field.
- PLC program:** A 'Browse' button next to an empty text field.
- Start PLC:** A checkbox.
- Network settings:** Radio buttons for DHCP (selected) and Static. Below are input fields for IP address, Subnet mask, Gateway, and DNS server.
- Modbus address:** A checkbox and a spinner box set to '1'.
- Status:** A section with 'Current:', 'Total:', and 'Message:' labels, each followed by a text area.
- 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 cybroTech

Information		Configuration	
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

<input type="checkbox"/> Serial number:	<input type="text" value="0"/>	<input type="checkbox"/> Autoincrement	
<input type="checkbox"/> Kernel	<input type="text"/>	<input type="button" value="Browse"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> PLC program	<input type="text" value="C:\Users\mbehek\Desktop\hems_1.2.0.bin"/>	<input type="button" value="Browse"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Start PLC			

<input type="checkbox"/> NAD alias:	<input type="text"/>	<input type="checkbox"/>
<input type="checkbox"/> Hardware model:	<input type="text"/>	<input type="checkbox"/>
<input type="checkbox"/> IEX baudrate:	<input type="text"/>	<input type="checkbox"/>
<input type="checkbox"/> IP address:	<input type="radio"/> DHCP <input type="radio"/> Static	<input type="checkbox"/>
IP address:	<input type="text"/>	<input type="checkbox"/>
Subnet mask:	<input type="text"/>	<input type="checkbox"/>
Gateway:	<input type="text"/>	<input type="checkbox"/>
DNS server:	<input type="text"/>	<input type="checkbox"/>
<input type="checkbox"/> Modbus address:	<input type="text" value="1"/>	<input type="checkbox"/>

Status

Current:

Total:

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

config kernel program

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Permanent link: https://wiki.hiq-universe.com/doku.php?id=en:hems_v1_2_0:methods_resources:firmwareupdate

Last update: **2021/10/28 13:22**

