






Firmware update

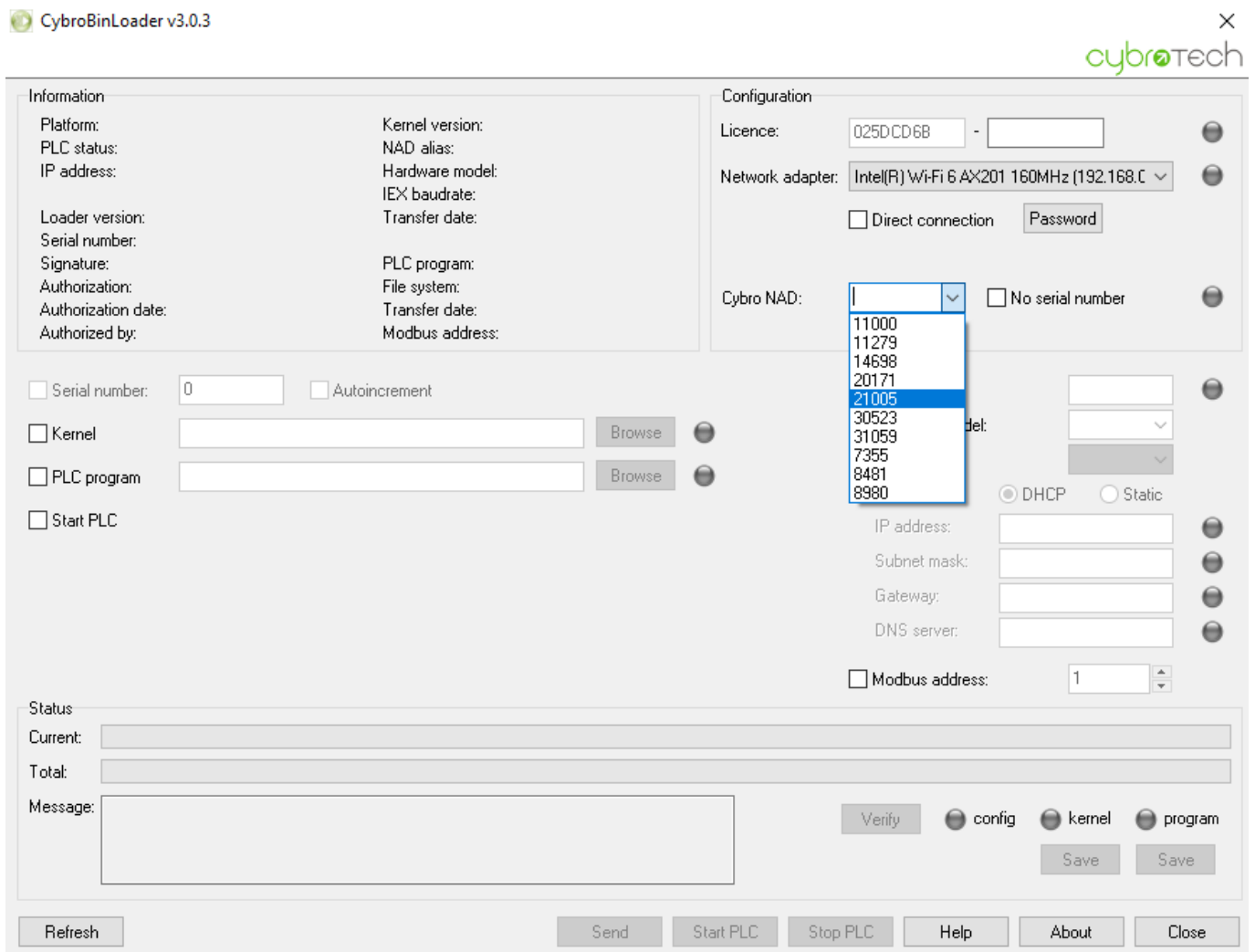
CyBroBinLoader software

- 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”

	<p>CyBroBinLoader-v3.0.3.exe 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.</p>	<p>766.50 KB 2021-07-17</p>	 
---	--	-----------------------------	--

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 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 displaying system details such as Platform, Kernel version, PLC status, NAD alias, IP address, Hardware model, IEX baudrate, Transfer date, Loader version, Serial number, Signature, PLC program, File system, Authorization, Transfer date, Authorization date, Modbus address, and Authorized by.
- Configuration:** A section for setting up the device. It includes fields for Licence (0250CD6B), Network adapter (Intel(R) Wi-Fi 6 AX201 160MHz (192.168.C)), and a dropdown for Cybro NAD (with 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. Network settings like IP address, Subnet mask, Gateway, and DNS server are also present, along with radio buttons for DHCP and Static.
- Serial number:** A field with the value 0 and an Autoincrement checkbox.
- Kernel and PLC program:** Fields with Browse buttons for selecting files.
- Start PLC:** A checkbox to enable the PLC.
- Status:** A section with Current, Total, and Message fields.
- Buttons:** A row of buttons at the bottom including 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
		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]

From: <http://wiki.hiq-universe.com/> -

Permanent link: http://wiki.hiq-universe.com/doku.php?id=en:hems_v1_2_0:methods_resources:firmwareupdate&rev=1635417321

Last update: 2021/10/28 10:35

