





Firmware update

CyBroBinLoader software

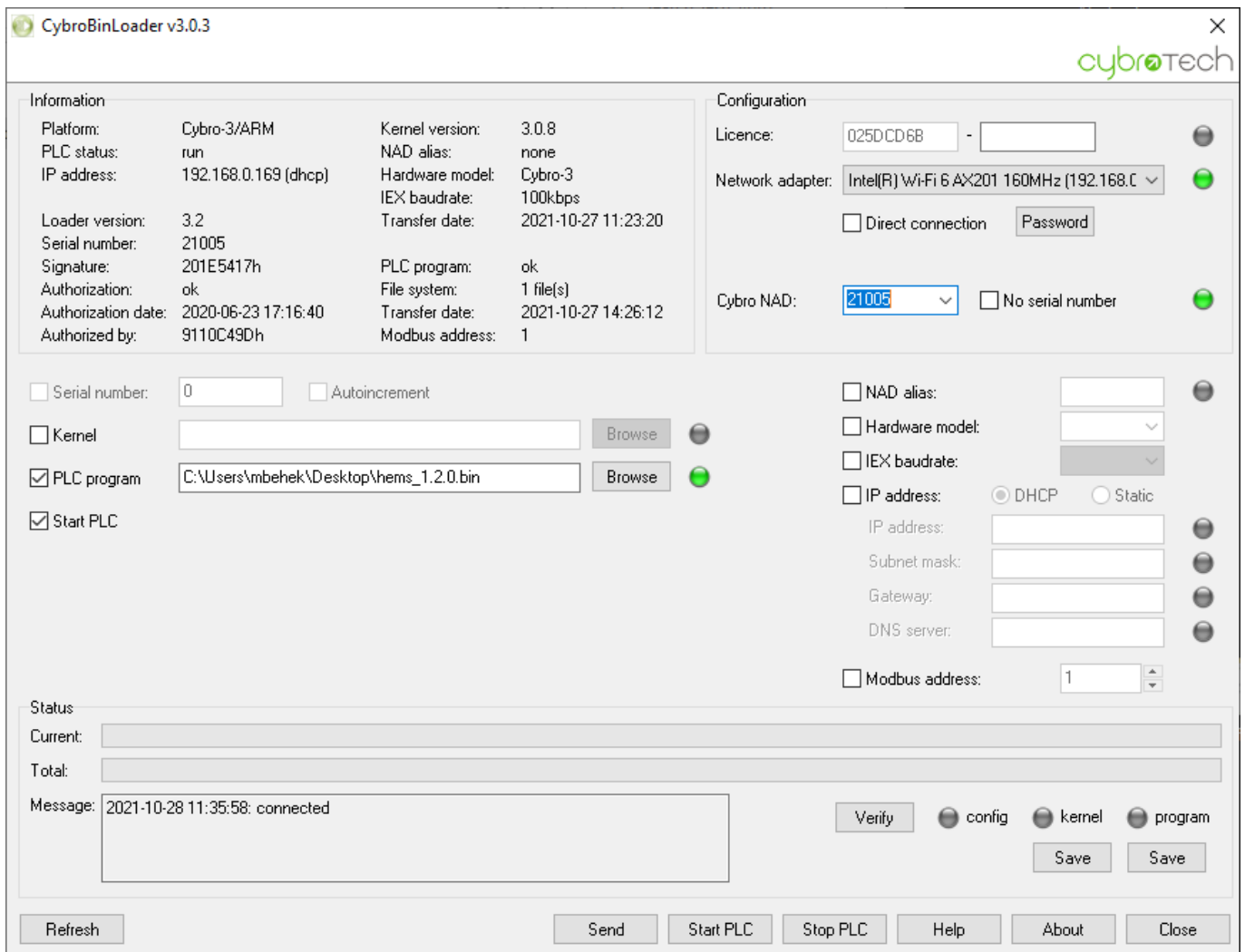
- Download latest CyBroBinLoader.exe from www.cybrotech.com
- Run CybroBinLoader.exe
- In case Windows OS is blocking execution, click on more info and run anyway

	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.	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. The interface includes an 'Information' section with fields for Platform, PLC status, IP address, Loader version, Serial number, Signature, Authorization, Authorization date, Authorized by, Kernel version, NAD alias, Hardware model, IEX baudrate, Transfer date, PLC program, File system, Transfer date, and Modbus address. The 'Configuration' section includes Licence (0250CD6B), Network adapter (Intel(R) Wi-Fi 6 AX201 160MHz (192.168.C)), Direct connection checkbox, Password field, Cybro NAD dropdown menu (showing options like 11000, 11279, 14698, 20171, 21005, 30523, 31059, 7355, 8481, 8980), No serial number checkbox, DHCP/Static radio buttons, IP address, Subnet mask, Gateway, DNS server, and Modbus address (1). The 'Status' section has Current, Total, and Message fields. There are also checkboxes for Serial number, Kernel, PLC program, and Start PLC, each with a corresponding Browse button. At the bottom, there are buttons for Refresh, Send, Start PLC, Stop PLC, Help, About, and Close.



Installation and mounting

-  Carefully open WM-1 module and configure serial communication with jumpers. (Default configuration is 9600bps, 8N1 with normal timeout)
-  Place WM-1 module at least 10cm from other objects. Installation is not recommended inside metal cabinets.
- Connect RS485 terminals to WM-1 RS485 terminals
 - A - A
 - B - B
 - C - GND
- Connect to 230V power supply
- Configure radio pairing

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Last update: **2021/10/28 09:37**

