





Firmware update

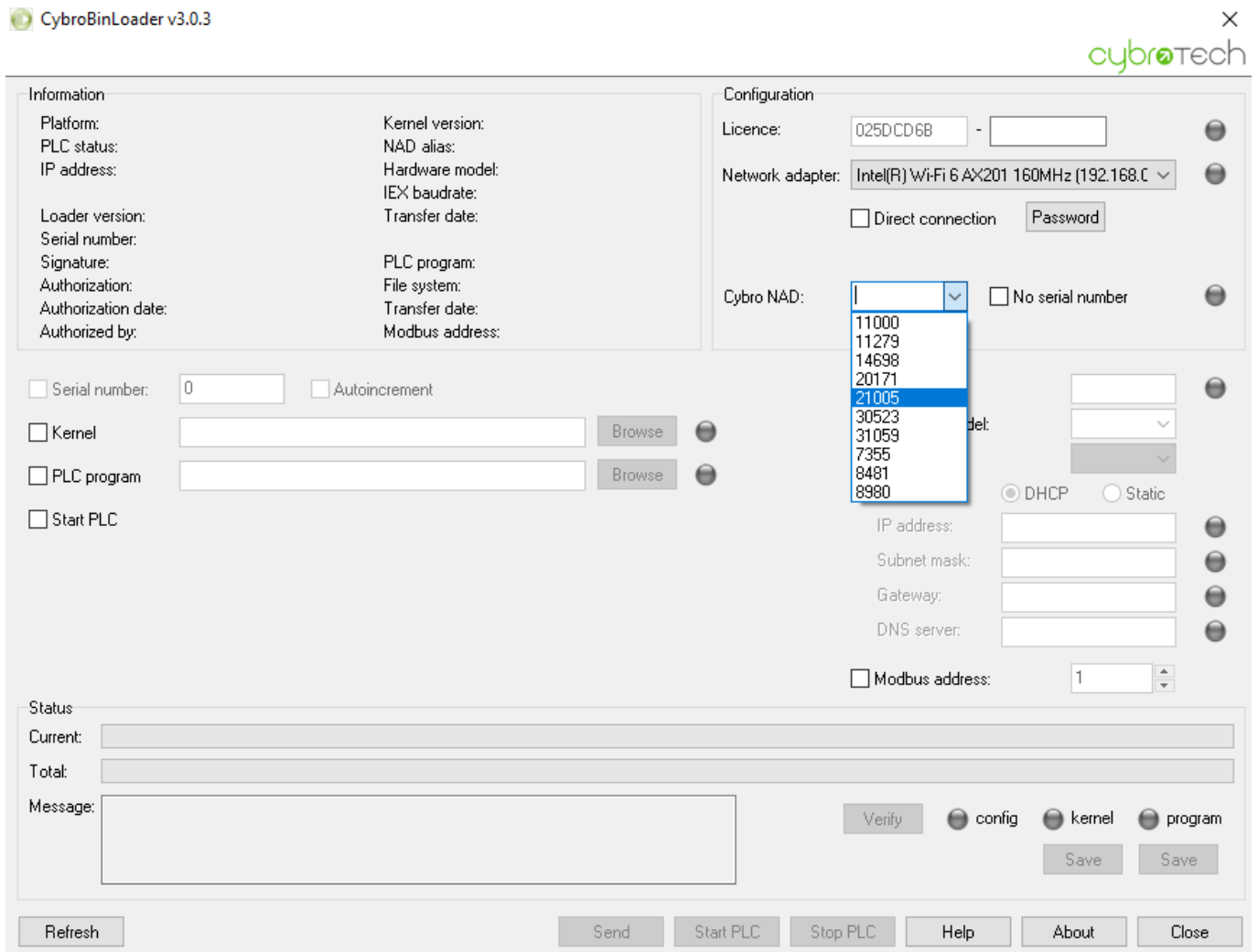
CyBroBinLoader software

- 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. It features a 'Configuration' section on the right 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). Below these 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 bottom right of the configuration area has buttons for 'Verify', 'config', 'kernel', and 'program', along with 'Save' buttons. The bottom of the window has a 'Status' section with 'Current' and 'Total' progress bars, a 'Message' text area, and a row of buttons: '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**

