


# 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

CybroBinLoader v3.0.3 cybroTech

**Information**

Platform:	Kernel version:
PLC status:	NAD alias:
IP address:	Hardware model:
	IEX baudrate:
Loader version:	Transfer date:
Serial number:	
Signature:	PLC program:
Authorization:	File system:
Authorization date:	Transfer date:
Authorized by:	Modbus address:

**Configuration**

Licence: 0250CD6B -

Network adapter: Intel(R) Wi-Fi 6 AX201 160MHz (192.168.C)

Direct connection

Cybro NAD:   No serial number

- 11000
- 11279
- 14698
- 20171
- 21005**
- 30523
- 31059
- 7355
- 8481
- 8980

Serial number:   Autoincrement

Kernel

PLC program

Start PLC

IP address:

Subnet mask:

Gateway:

DNS server:

Modbus address:

DHCP  Static

config  kernel  program



**Status**

Current:

Total:

Message:

## 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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