







# 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”

	<b>CyBroBinLoader-v3.0.3.exe</b>	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 during update process
-  HEMS configuration may be lost, use BACKUP before update and later RESTORE as described under [Software](#)

CybroBinLoader v3.0.3



The screenshot shows the CybroBinLoader v3.0.3 application window. It features a 'Configuration' section with a 'Cybro NAD' dropdown menu currently open, displaying a list of NAD values including 11000, 11279, 14698, 20171, 21005, 30523, 31059, 7355, 8481, and 8980. Other configuration options include 'Licence', 'Network adapter', 'Direct connection', 'Password', 'IP address', 'Subnet mask', 'Gateway', 'DNS server', and 'Modbus address'. The 'Information' section on the left provides details about the platform, PLC status, and loader version. The 'Status' section at the bottom includes fields for 'Current', 'Total', and 'Message', along with buttons for 'Verify', 'config', 'kernel', 'program', 'Save', and 'Refresh'.

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
Loader version:	3.2	IEX baudrate:	100kbps
Serial number:	21005	Transfer date:	2021-10-27 11:23:20
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

Serial number:   Autoincrement  
 Kernel    
 PLC program    
 Start PLC

NAD alias:   
 Hardware model:   
 IEX baudrate:   
 IP address:  DHCP  Static  
 IP address:   
 Subnet mask:   
 Gateway:   
 DNS server:   
 Modbus address:

Status

Current:

Total:

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

config
  kernel
  program

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Last update: 2021/11/17 12:09

