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"

CyBroBinLoader-v3.0.3.exe   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 durring update process

- ⚠ HEMS configuration may be lost, use BACKUP before update and later RESTORE as described under Software

CybroBinLoader v3.0.3 ✕

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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: 025DCD6B - [   ] ⬤

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

☐ Direct connection   [Password]

Cybro NAD: [▾] ☐ No serial number ⬤

11000
11279
14698
20171
21005
30523
31059
7355
8481
8980

del: [▾]
      [▾]

● DHCP   ○ Static

IP address: [   ] ⬤
Subnet mask: [   ] ⬤
Gateway: [   ] ⬤
DNS server: [   ] ⬤

☐ Modbus address: [1 ⬍]

☐ Serial number: [0]   ☐ Autoincrement   ⬤

☐ Kernel   [   ] [Browse] ⬤

☐ PLC program [   ] [Browse] ⬤

☐ Start PLC

Status

Current: [   ]
Total: [   ]
Message: [   ]

[Verify] ⬤ config ⬤ kernel ⬤ program
            [Save]   [Save]

[Refresh]   [Send] [Start PLC] [Stop PLC] [Help] [About] [Close]

CybroBinLoader v3.0.3   ✕

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

Configuration

Licence: 025DCD6B – ⬤

Network adapter: Intel(R) Wi-Fi 6 AX201 160MHz (192.168.0 ∨) 🟢

☐ Direct connection [Password]

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]