



OJ-Air AHC-3000-X Software 1.10

Software 1.10 is now released for up-grade by the free PC tool and it will be introduced in the production at OJ Electronics on all current orders.

Changes

Compared to version 1.06 there were following improvements:

Functionality

- BasicBMS is now released for use.
- A new boot loader will be factory installed on all orders together with AHC-3000 software 1.10.
- The new boot loader is required in order to enable automatic software update in the entire BasicBMS network from the BasicBMS Master AHC-3000.
- OBS: Do not use the BasicBMS network on controllers having production code older than 16:xxxx:xxxx:20.

HMI-35T

- Rotor DRHX is now check marked if Auto configured. See menu SETTINGS - CONFIGURATION – AHU FACTORY - POWER

BMS Modbus

- No changes

Alarms

- BasicBMS alarms no. 2406-2415 and 2501-2514 added.
"Communication Error Room-Master xx"

OJ-Air2-HMI-20T

- Modbus communication has been changed for compatibility in BasicBMS networks. Only devices having software version 2.03 or higher can be used.

Cloud

- No changes.
- OBS: All systems using cloud shall be upgraded to min. sw 1.06 at the next service inspection. This will increase the robustness of the TCP-IP port.

Software versions

- AHC-3000-X software 1.10
- AHC-3000-HMI-35T software 1.10
- OJ-Air2-HMI-20T Software 2.03

Affected articles

- AHC-3000-T
- AHC-3000-B
- AHC-3000-S
- AHC-3000-HMI-35T

Coming into force

Version 1.10 is released in week 16 2020

Coming features to be released:

- Satellites 2nd quarter 2020.

Software Upgrade

The software files are available at OJ Electronics [Customer log-in](#), and can be upgraded using PC-Tool vers. 1.0 or higher.

- AHC3000_MCUSW_110_00_0000.zip



OBS: In order to make a safe software update please follow this procedure:

1. Remove power plug from AHC-3000
2. Connect USB to RS485 cable to AHC-3000 HMI port
3. Power up AHC-3000
4. Update the AHC-3000 controller by the PC tool
5. Remove power plug from AHC-3000
6. Remove USB to RS485 cable from AHC-3000 HMI port
7. Power up AHC-3000
8. Wait until red flashing LED at the power plug starts flashing green
9. Hot plug the HMI to the AHC-3000 HMI port
10. Wait until the HMI stops flashing White/black
11. The HMI is now updated and the new version can be read out in the SW menu.

A sturdy USB to the RS485 converter is available from OJ Electronics.

Please order Part no.: OJ-USB2RS485-CONV.

Contact

If further technical information is required please contact our support dept.: support@oj.dk.