

Release notes for AMSo1 firmware

Copyright © 2026 SENSEOR

v1.17.1.0

- Fix SD card mounting issue.
- Add 'PRPD' (Phase-Resolved Partial Discharge) and 'PRPS' (Phase-Resolved Pulse Sequence) analysis measurements.
- Add 'Readers synchronization' feature to synchronize readers physically installed on the same line-up.
- Add read-only FTP access for SD card.
- Improve temperature algorithm performance and robustness.
- Improve partial discharge detection algorithm performance and robustness.
- Improve Modbus-TCP/Ethernet communication reliability under high network traffic.
- Improve communication with AMS Configuration Tool.
- Update OS and internal libraries.

v1.11.0.0

- Fix minor bugs regarding Temperature measurement feature.
- Add 'Antenna Positioning Tool' feature to easier installation.

v1.10.2.0

- Fix temperature sensor algorithm issue.
- Fix Modbus-TCP communication issue.
- Add Modbus registers representing partial discharge probes data for offset levels '2' & '1'.
- Update OS and internal libraries.

v1.9.0.0

- Improved algorithm for temperature sensors.

v1.8.1.0

- Fix temperature sensors commissioning.
- Fix default values on Modbus table for environmental sensor.

v1.7.1.0

- Better algorithm robustness for temperature sensors commissioning.
- Improved algorithm for temperature sensors.

v1.6.0.0

- Faster commissioning of temperature sensors thanks to improved algorithm.
- Improved algorithm for temperature sensors.

v1.5.6.0

- Fix faulty SD card detection issue.

v1.5.5.0

- Fix Modbus-TCP issue.

v1.5.4.0

- Add 'System Test' feature (instantaneous sensors and partial discharge test measurement mode).
- Add 'Notifiers' feature (alarm mechanism on measurement data for sensors and partial discharge probes).
- New AMS01 Modbus table v1.1.0 (includes Notifier registers).
- Fix Ethernet communication issue.
- Fix instantaneous refresh of environmental sensor issue.

v1.4.3.0

- Add compatibility mode with HTR02 reader feature (Modbus table v1.2.0).
- Temperature sensors measurement improvement.
- Fix Fahrenheit temperature conversion issue.

v1.3.7.0

- Compatible with AMS01 product types AMS01-T, AMS01-P & AMS01-TP.

v1.3.6.0

- Add Partial Discharge measurement feature.
- Add environmental sensor measurement.
- Temperature sensors measurement improvement.
- Temperature sensors installation improvement.
- Fix Modbus issue.

v1.2.8.0

- First release with temperature measurement only.

Compatibility information

In this table, you can find the successive versions of AMS01 firmware in line with the AMS Configuration Tool.

AMS01 firmware	AMS Configuration Tool
v1.17.1.0	v1.12.0
v1.11.0.0	v1.8.0
v1.10.2.0	v1.7.0
v1.8.1.0	v1.6.0
v1.6.0.0	v1.5.1

AMS01 firmware	AMS Configuration Tool
v1.5.5.0	v1.4.3
v1.4.3.0	v1.2.6
v1.3.7.0	N/A
v1.3.6.0	v1.1.3
v1.2.8.0	v1.0.4