

PRODUCT NOTICE

PN# 26-02 | April 2026

Aircore EC Motor Gen4: CIM & INV Firmware Update

Infinitum is releasing firmware and software updates for the Aircore EC Gen4 motors, effective immediately. This release includes updates to:

- Communication Interface Module (CIM) firmware
- Inverter (INV) firmware
- I-con software

Versions Included in This Release			
Name	Version	Availability	Source
CIM Firmware	v4.9.9	Available now	Download
INV Firmware	v4.8.2	Available now	
I-con Software	v2.100.0.0	Available now	Download

Note: Access to the download source requires a registered user account.

Key Improvements	
MODBUS communication stability	Improves inter-frame timing to support stable communication and resolve previously non-compliant behavior.
Fault counter accuracy	Enhanced fault storage logic to eliminate redundant fault entries and improve diagnostic accuracy.
Fault error history behavior	Strengthens fault history logic and corrects memory mapping to prevent unintended motor parameter loss faults.
Temperature foldback protection	Updates foldback logic to include Therm4 readings so both stator temperatures are monitored for improved thermal protection.

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Recommended Action

Use I-con software to verify the current firmware revision currently installed on the motor.

- If the motor is affected by any of the issues listed above, Infinitum recommends updating to the latest firmware using I-con.
- If the motor is operating without issue, an update is not required unless recommended by Infinitum Support.

Hardware Compatibility

This update applies to Aircore EC Gen4 motors only. Previous Gen2/3 motors are not supported by this update.

Important Update Requirements

CIM firmware (v4.9.9) and INV firmware (v4.8.2) must be updated together using the I-con software version 2.100.0.0. Updating only one component may cause unintended motor operation.

Contact

For more information on this Product Notice or for any support needs:

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