



Firmware for AIG-302 Series Release Notes

Version: v1.3.0	Build: 8685
Release Date: Nov 03, 2025	

Applicable Products

AIG-302 Series

Supported Operating Systems

Moxa Industrial Linux 3 (Debian 11)

New Features

N/A

Enhancements

- When the cellular connection experiences an unexpected disconnection, the AIG-302 will perform three software resets followed by three hardware resets. If these actions are ineffective, the system will trigger a reboot.

Note: If the cellular module is unresponsive during the boot-up process, the inspection will be suspended to prevent continuous rebooting.

- EN 18031-1 RED cybersecurity compliance.
- Upgrades nginx version to 1.26.3-2

Bugs Fixed

- Some provisioning settings for the Azure IoT Edge are not updated correctly after importing a configuration file.
- A case of incorrect I/O tags created by the TagHub or Modbus Server.
- A failure to map coil/discrete tags from the Modbus Server.
- The GPS configuration option "Automatically adjust coordinates for GPS changes" is not applied.
- CVE-2024-24557, CVE-2023-44487, CVE-2024-21626, and BDSA-2024-5.

Changes

- All packages from the Moxa repository are now hidden in the Software Upgrade patch. To upgrade a specific Moxa package, use the RESTful API to specify the package name and version.

Notes

- Moxa Acquires EN 18031 EU RED Cybersecurity Certificates for Wireless Product Portfolio, <https://www.moxa.com/en/about-us/news-events/news/2025/moxa-achieves-en-18031-eu-red-security-compliance>

- Known Issues:

?a. Hot swapping of SIM cards is not supported. Reboot the device after replacing the SIMs for the changes to take effect.

?b. The HTTP Service status in the DLM Service Status is shown as "disabled" when "Redirect HTTP to HTTPS" is enabled on the Home > Security > HTTPS page.

?c. When the optional Wi-Fi module is installed, flashing the firmware image via the USB device is not possible. We strongly recommend using upgrade pack to update the AIG-302.

- The upgrade package is approximately 200 MB, and the process may take up to 10 minutes.