



## Firmware for AIG-302 Series Release Notes

<b>Version:</b> v1.1.1	<b>Build:</b> 250422_034425
<b>Release Date:</b> Jul 26, 2025	

### Applicable Products

AIG-302 Series

### Supported Operating Systems

Moxa Industrial Linux 3 (Debian 11)

### New Features

N/A

### Enhancements

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

### Bugs Fixed

- Includes security patches.

### Changes

N/A

### Notes

- Moxa has been awarded the EN 18031 EU RED Cybersecurity certificates for our wireless product portfolio that includes AIG-302 Series. See <https://www.moxa.com/en/about-us/news-events/news/2025/moxa-achieves-en-18031-eu-red-security-compliance>
- The upgrade package is approximately 200 MB and hence the process may take up to 40 minutes.



<b>Version: v1.1.0</b>	<b>Build: • .0+8000-20250225</b>
<b>Release Date: Feb 25, 2025</b>	

## Applicable Products

AIG-302 Series

## Supported Operating Systems

Moxa Industrial Linux 3 (Debian 11)

## New Features

- Adds support for the Telit LE910C4-WWxD module.

## 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.

## 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

- Refactors the OTA (Over-The-Air) upgrade behavior to use a pre-defined package list with specific package versions instead of upgrading all packages to the latest versions from the Debian source lists.

## Notes

- The upgrade package is approximately 200 MB and hence the process may take up to 40 minutes.
- Known Issues:
  - Hot swapping of SIM cards is not supported. Reboot the device after replacing the SIMs for the changes to take effect.
  - 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.
  - When the optional Wi-Fi module is installed, flashing the firmware image via the USB device is not possible. We strongly recommend using the upgrade pack to update the AIG-302.