



AIRGAINCONNECT® FLEET™ 5G VEHICLE GATEWAY

Version 13.01.02.0012
Software Release Notes
May 30, 2025





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1 Scope of Release

Details for release of new AirgainConnect Fleet (AC-Fleet) firmware version v13.01.02.0012.



2 Release Contents

Build Date/Time	2025/05/15
Build Version	v13.01.02.0012
Cellular Module Version	A0R.000033-9023
Wi-Fi Driver Version	5.2.0.220S.089
MCU FW Version	1.1.09
Released Files	Firmware: v13.01.02.0012.bin
	Notes: Airgain AC-Fleet Release Notes_v13.01.02.0012.docx

3 Fixes and Features Included

Fixes and features included in v13.01.02.0012:

1. Added an option to temporarily disable eSIM profiles under the **Cellular Settings** menu.
2. Fixed an issue where AC-Fleet gets stuck on "Loading" and fails to proceed with normal operation.
3. Updated the **Revert** button label under the **eSIM Setup Flow** menu to **Sync with AC-Cloud** and improved functionality to pull eSIM updates from AC-Cloud without a reboot if the device is already connected.
4. Fixed an issue with remote access (SSH and web GUI) into device via AC-Cloud.
5. Improved the explanation of "Timeout for WiFi Disconnected" under the **Wireless > Depot Mode Setting** menu.
6. Under the **Wireless > SSID** menu, "40 MHz" has been corrected to "20/40 MHz" for the 2.4 GHz operating frequency.
7. Fixed an issue where some menu options go missing in Advanced Mode.
8. The **Cellular Status** active profile label has been fixed to always match the **Cellular Settings** menu label.
9. Removed inconsistency in the visibility of the **Upgrade to latest version - Upgrade Now** button under the **Backup / Flash Firmware** menu.
10. Added a notification for when a firmware update is being pushed to the device from AC-Cloud.
11. Modified the local device GUI to prevent firmware downgrades.
12. Removed notification about unsaved changes appearing after making changes in the **QoS** menu.
13. The user is now prevented from setting the **Minimum Battery Voltage** higher than the detected voltage under the **System Properties > Power Management** menu.
14. Added a temporary lockout after five failed local device GUI login attempts.
15. Restricted user account menu access to only the **Overview** and **Reboot** menus and from downloading syslog.
16. Removed the **No Security** option for Wi-Fi connections and enabled **WPA3-SAE** by default.
17. Added support for SSID isolation.
18. Added additional security hardening updates, including the following CVE patches:
 - CVE-2024-26597
 - CVE-2024-41000
 - CVE-2024-36971
 - CVE-2024-27018
 - CVE-2024-50055



- CVE-2024-0646
- CVE-2024-0841
- CVE-2024-1086
- CVE-2024-1085
- CVE-2023-4244
- CVE-2023-4623
- CVE-2023-6817
- CVE-2023-5717
- CVE-2023-6040
- CVE-2023-52340
- CVE-2023-39197
- CVE-2023-4622
- CVE-2023-6931

4 Upgrade

Use the **Backup / Flash Firmware** menu to pull the latest firmware from AC-Cloud.



Note: There is a known bug where this option might be missing. To make it visible, enable **Advanced Mode** under the **System > Administration** menu (fixed by item 9 listed in Section 3 above).

You can also push firmware updates from AC-Cloud per the following instructions:

1. Ensure the device is subscribed and has a good internet connection with where the status shows “Online”.

A screenshot of a web interface titled 'Devices'. It has a 'Download(.csv)' button and a search/filter icon. Below is a table with columns: #, Service Status, Online Status, and Device Serial#. The first row shows device 11, which is 'Subscribed' and 'Online' (the 'Online' text is highlighted with a red box), with serial number 0412407006.

#	Service Status	Online Status	Device Serial#
11	Subscribed	Online	0412407006

2. Log into your AC-Cloud organization account and verify the latest firmware is available under **Groups > Firmware**.
3. Navigate to **Groups > Groups** and click **Add** to create a group.

A screenshot of a web interface titled 'Groups'. It has a sidebar with 'Overview', 'Devices', and 'Groups' (selected). The main area shows an 'Add' button (highlighted with a red box), a 'Delete' button, and a 'Download(.csv)' button. Below is a table with columns: #, Group, Firmware, and Config File. The first row shows group 1, 'Default Group', with empty firmware and config file fields.

#	Group	Firmware	Config File
1	Default Group	--	--

- Assign the group a name and click **Edit** to add devices to that group.

Groups > Add

3

* Groups Name

Description

Devices

FIRMWARE

Firmware

- Select the device(s) to include in the group and click on **Save**.

Edit Devices of the New Group

Devices in the new group ():

<input type="checkbox"/>	#	Device Serial #	Vehicle #
No Records.			

Devices in the default group:

<input type="checkbox"/>	#	Device Serial #
<input type="checkbox"/>	1	131240807U
<input type="checkbox"/>	2	S240Z13033263
<input type="checkbox"/>	3	031240502X

6. Select the desired firmware version under the **Firmware** dropdown menu.
7. Under **Schedule FW/Config Update**, select when the update is to take place.

SCHEDULE FW/CONFIG UPDATE

Schedule to Update

Immediate

Immediate

Up on next bootup

Note: There is a known bug where **Up on next bootup** won't initiate without first entering standby mode (ignition turned off while connected to power). If the ignition line is also connected to power, then select **Immediate** update.

8. Once the group is defined, click **Add** to create the group and schedule the firmware update.

Groups > Add

Add

Cancel