Dragonfish Series Firmware and App Release Notes

Release Date	July 27, 2024
Dragonfish **Pro**	V13.03.30
Dragonfish **Standard**	V12.03.35
Dragonfish **Lite**	V11.03.36
Autel Voyager App	V3.3.3.53
RC Android System	V1.0.27

This **V3.1** firmware update does not include any new features. It only includes compliance modifications, bug fixes for existing features, and some user experience optimizations. For more details on the previous **V3** firmware update, please refer to the Dragonfish V9 Release Notes from 2024.06.27 on the Autel Robotics official website.

Compliance Update

- In Japan, it is prohibited to bypass no-fly zones by signing a disclaimer. To lift the restrictions, please contact Autel Robotics to obtain authorization for the specific area.

Bug Fixes and Optimizations

- Fixed an occasional issue where the system incorrectly prompted that real-name authentication was not registered after syncing the UOM system registration information in China.
- Fixed the incorrect altitude display of arrival circling point in missions, returning home, and emergency landing.
- Fixed the incorrect altitude display in the terrain preview and terrain verification of flight routes.
- Fixed the issue where formatting the media encryption resulted in repeated voice prompts and double pop-up windows.
- Fixed the issue of repeatedly prompting for server activation status anomalies in certain scenarios.
- Fixed the "Flight path exceeds the permissible area" warning error
- Fixed the gimbal movement issue where it got stick at the limit position after centering
- Fixed the app crash during pre-flight checks when the map was not loaded.

- Optimized the PinPoint user experience, allowing the point to be dragged on the map interface while editing.
- Optimized text descriptions in the parameters of polygon mission.

Notes

1. This update is intended for users with **V9 Dragonfish**.
2. After the update, the system may not reconnect automatically. In such cases, please manually pair the devices again to establish the connection.
3. You can easily access the documents "**Dragonfish Aircraft Flight Manual**", "**Dragonfish Trouble Shooting Manual**", "**Dragonfish Inspection Program**", and "**Dragonfish Aircraft Maintenance Manual**" in the Autel Voyager App by navigating to More > New User Tutorials > Instructions.
4. This firmware update includes multiple modules. Please ensure you have a stable internet connection during the OTA update and conduct the operation in an environment with minimal radio frequency interference. Before updating, set up the base station with its antenna and place it around 2-3 meters from the aircraft. If the update fails, please verify that the above requirements are met before attempting the update again.

Firmware Version Table

Dragonfish Pro V9

COMPONENT	VERSION
GPS (0x3C)	1.0.3.2
Airspeed (0x2B)	2.0.4.0
5.8G Data Transmission Aircraft Terminal (0x29)	1.50.0.1
5.8G Data Transmission Ground Terminal (0x2A)	1.50.0.1
DF ESC4 (0x25) Right Sev	1.0.0.19
DF ESC3 (0x24) Left Sev	1.0.0.19
DF ESC2 (0x23) Tail	2.0.1.1
Esc2 (0x15) R motor	1.0.1.12
Esc1 (0x14) FT motor	1.0.1.12
Sonar (0x0F)	0.0.2.0
Gimbal (0x0B)	0.0.1.134
Battery Hub (0x27)	1.1.3.0
Aircraft Battery(0x0A)	1.5.9.0
Flight Control (0x01)	2.2.3.47
Flight Image Transmission (0x02)	0.0.5.6
Camera (0x21)	1.5.2.60
Base Station MCU (0x05)	4.0.0.10
Ground Image Transmission (0x03)	0.0.5.6
Base Station Image Transmission (0x2C)	0.0.5.6
Base Station WiFi	1.1.0.30
Ground MCU (0x0E)	0.0.20.0
Visual Module(0x19)	1.5.2.49
Aircraft RTK Module (0XFA)	21877
Base Station RTK Module (0XFB)	22797
Radar (0x10)	2.1.1.11

Dragonfish Standard V9

COMPONENT	VERSION
GPS (0x3C)	1.0.3.2
Airspeed (0x2B)	2.0.4.0
5.8G Data Transmission Aircraft Terminal (0x29)	1.50.0.1
5.8G Data Transmission Ground Terminal (0x2A)	1.50.0.1
DF ESC4 (0x25) Right Sev	1.0.7.0
DF ESC3 (0x24) Left Sev	1.0.7.0
DF ESC2 (0x23) Tail	1.0.2.0
Esc2 (0x15) R motor	1.0.0.22
Esc1 (0x14) FT motor	1.0.0.22
Sonar (0x0F)	0.0.2.0
Gimbal (0x0B)	0.0.1.134
Battery Hub (0x27)	0.2.10.0
Aircraft Battery(0x0A)	0.3.4.0
Flight Control (0x01)	2.2.3.47
Flight Image Transmission (0x02)	0.0.5.6
Camera (0x21)	1.5.2.60
Base Station MCU (0x05)	4.0.0.10
Ground Image Transmission (0x03)	0.0.5.6
Base Station Image Transmission (0x2C)	0.0.5.6
Base Station WiFi	1.1.0.30
Ground MCU (0x0E)	0.0.20.0
Visual Module(0x19)	1.5.2.49
Aircraft RTK Module (0XFA)	21877
Base Station RTK Module (0XFB)	22797
Radar (0x10)	2.1.1.11

Dragonfish Lite V9

COMPONENT	VERSION
GPS (0x3C)	1.0.3.2
Airspeed (0x2B)	2.0.4.0
5.8G Data Transmission Aircraft Terminal (0x29)	1.50.0.1
5.8G Data Transmission Ground Terminal (0x2A)	1.50.0.1
DF ESC4 (0x25) Right Sev	1.0.3.0
DF ESC3 (0x24) Left Sev	1.0.3.0
DF ESC2 (0x23) Tail	2.0.1.1
Esc2 (0x15) R motor	1.0.0.10
Esc1 (0x14) FT motor	1.0.0.10
Sonar (0x0F)	0.0.2.0
Gimbal (0x0B)	0.0.1.134
Battery Hub (0x27)	0.2.10.0
Aircraft Battery(0x0A)	0.3.4.0
Flight Control (0x01)	1.2.3.47
Flight Image Transmission (0x02)	0.0.5.6
Camera (0x21)	1.5.2.60
Base Station MCU (0x05)	4.0.0.10
Ground Image Transmission (0x03)	0.0.5.6
Base Station Image Transmission (0x2C)	0.0.5.6
Base Station WiFi	1.0.0.30
Ground MCU (0x0E)	0.0.20.0
Visual Module(0x19)	1.5.2.49
Aircraft RTK Module (0XFA)	21877
Base Station RTK Module (0XFB)	22797
Radar (0x10)	1.1.0.13