DJI Dock 3 / DJI Matrice 4D Series Release Notes

Date:	2025.06.26
Dock Firmware:	v 14.01.00.03
Aircraft Firmware:	v 14.01.00.03
Charging Hub Firmware:	v 00.03.0012
Remote Controller Firmware:	v 01.64.05.17
AS1 Firmware:	v 01.00.01.11
AL1 Firmware:	v 01.00.29.85
Obstacle Sensing Module Firmware:	v 01.00.00.40
D-RTK 3 Firmware:	v 14.01.00.03
DJI Pilot 2 App:	v 14.1.0.72
DJI Enterprise App:	v 2.2.0
DJI Assistant 2 (Enterprise Series):	v 2.1.17

*   Make sure to update the firmware version for the aircraft, the remote controller, and the dock. Otherwise, they will not be compatible with each other.

**   The firmware enables anti-rollback. Check the device and firmware compatibility before updating.

What's new

Used with DJI Pilot 2

- Fixed an issue where the altitude mode was incorrectly recorded as Relative Altitude during Live Mission Recording for waypoint routes with RTK connection.

Notes:

To ensure safe use and efficient operation, it is recommended to visit the links below for a comprehensive understanding on safety and product information:

- Visit https://enterprise.dji.com/dock-3/downloads to download manuals such as the Quick Installation Guide, Safety Guidelines, and User Manual.
- Visit https://enterprise.dji.com/dock-3/video to watch the tutorial videos.
- Visit https://www.dji.com/flighthub-2 for more information on DJI FlightHub 2.
- Scan the QR code to contact DJI Support:

DJI Dock 3 / DJI Matrice 4D Series Release Notes

Date:	2025.06.10
Dock Firmware:	v 14.01.00.03
Aircraft Firmware:	v 14.01.00.03
Charging Hub Firmware:	v 00.03.0012
Remote Controller Firmware:	v 01.64.05.09
AS1 Firmware:	v 01.00.01.11
AL1 Firmware:	v 01.00.29.85
Obstacle Sensing Module Firmware:	v 01.00.00.40
D-RTK 3 Firmware:	v 14.01.00.03
DJI Pilot 2 App:	v 14.1.0.58
DJI Enterprise App:	v 2.2.0
DJI Assistant 2 (Enterprise Series):	v 2.1.17

* Make sure to update the firmware version for the aircraft, the remote controller, and the dock. Otherwise, they will not be compatible with each other.

** The firmware enables anti-rollback. Check the device and firmware compatibility before updating.

What's new

Used with DJI FlightHub 2

- Added device recommendation for task operations.
- Added support for Patrol Route, enabling automatic Smart Capture and alerts for smarter, more efficient operations.
- Added support for intelligent infrared recognition.
- Added obstacle sensing alerts in a flight route. The system will automatically mark locations where obstacle sensing is triggered. If obstacle sensing is triggered during recurring or continuous tasks, subsequent tasks are automatically suspended for safety reasons.
- Waypoint actions support text-to-speech and broadcast on the speaker.
- The maximum speed for flight route tasks is increased to 21 m/s. If an obstacle sensing module is installed, the maximum speed for flight route tasks is still 15 m/s.
- The 3x zoom equivalent focal length for the medium tele camera is modified to 70 mm.

Used with DJI Pilot 2

- Added support for displaying AR Street in the camera view.
- Added support for intelligent infrared recognition.
- Airborne Relay supports more aircraft models. DJI Matrice 4D Series can work as the relay aircraft for DJI Matrice 4 Series. Make sure that both the relay aircraft and the main aircraft have been updated to the latest firmware versions before use.

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- Added support to view the captured subjects in the playback if Smart Capture is enabled when recording videos.
- Added support to manually disable the infrared sensing system.

Other

- Optimized the performance of the obstacle sensing module in the forward and upward direction.
- Added relevant features to meet local regulatory requirements.

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DJI Dock 3 / DJI Matrice 4D Series Release Notes

Date:	2025.05.19
Dock Firmware:	v 13.01.00.07
Aircraft Firmware:	v 13.01.00.07
Charging Hub Firmware:	v 00.03.0012
Remote Controller Firmware:	v 01.61.04.05
AS1 Firmware:	v 01.00.01.11
AL1 Firmware:	v 01.00.29.85
Obstacle Sensing Module Firmware:	v 01.00.00.39
D-RTK 3 Firmware:	v 13.01.00.04
DJI Pilot 2 App:	v 13.1.0.19
DJI Enterprise App:	v 2.1.0
DJI Assistant 2 (Enterprise Series):	v 2.1.15

* Make sure to update the firmware version for the aircraft, the remote controller, and the dock. Otherwise, they will not be compatible with each other.

What's new

- Fixed the issue of false reporting the external circulating fan damage in the device assessment report.

Notes:

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- Visit https://enterprise.dji.com/dock-3/video to watch the tutorial videos.

- Visit https://www.dji.com/flighthub-2 for more information on DJI FlightHub 2.

- Scan the QR code to contact DJI Support:

DJI Dock 3 / DJI Matrice 4D Series Release Notes

Date:	2025.05.06
Dock Firmware:	v 13.01.00.06
Aircraft Firmware:	v 13.01.00.06
Charging Hub Firmware:	v 00.03.0012
Remote Controller Firmware:	v 01.61.04.05
AS1 Firmware:	v 01.00.01.11
AL1 Firmware:	v 01.00.29.85
Obstacle Sensing Module Firmware:	v 01.00.00.39
D-RTK 3 Firmware:	v 13.01.00.04
DJI Pilot 2 App:	v 13.1.0.19
DJI Enterprise App:	v 2.1.0
DJI Assistant 2 (Enterprise Series):	v 2.1.15

* Make sure to update the firmware version for the aircraft, the remote controller, and the dock. Otherwise, they will not be compatible with each other.

What's new

- Added support for DJI Matrice 4 Obstacle Sensing Module.

- Added support for detecting the aircraft orientation in the dock. Flights will be restricted if the aircraft orientation is incorrect.

- The infrared thermal camera supports a minimum temperature measurement of -40° C (-40° F).

 * The firmware enables anti-rollback. Check the device and firmware compatibility before updating.

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DJI Dock 3 / DJI Matrice 4D Series Release Notes

Date:	2025.04.15
Dock Firmware:	v 13.01.00.02
Aircraft Firmware:	v 13.01.00.02
Charging Hub Firmware:	v 00.03.0012
Remote Controller Firmware:	v 01.61.04.05
AS1 Firmware:	v 01.00.01.11
AL1 Firmware:	v 01.00.29.85
D-RTK 3 Firmware:	v 13.01.00.04
DJI Pilot 2 App:	v 13.1.0.19
DJI Enterprise App:	v 2.1.0
DJI Assistant 2 (Enterprise Series):	v 2.1.15

* Make sure to update the firmware version for the aircraft, the remote controller, and the dock. Otherwise, they will not be compatible with each other.

What's new

Used with DJI FlightHub 2

- Added device recommendation for task operations.

- Added support for Swap Task in the virtual cockpit. After choosing an area of interest, it automatically schedules two aircraft to swap for uninterrupted operation.

- Added support for Link Zoom of the visible light and infrared camera views in the virtual cockpit.

- Added support to distribute flight route tasks in the virtual cockpit. Users can view the flight route list, select, distribute, and perform flight route tasks.

- Added support for Photo Transfer. Photos captured by the aircraft during flight can be transferred to the cloud in real time. This feature can be enabled in the device status window > Details.

- Added support for Flight Records in the task plan library, allowing users to view and export detailed task information of the completed tasks.

- Added ability to bypass custom GEO Zones for the area route.

- Added support to automatically categorize and store the media files captured by Intelligent Recognition during a flight route task.

- Added emergency landing for DJI Matrice 4D Series.

- Added support for DJI Dock 3 to remotely connect the D-RTK 3 relay. The dock can search for nearby relay signals, and users can select a relay device and enter the password to connect.

- Added Gimbal Connection, Wide FOV Lighting, and Alternate Strobe mode for the spotlight.

- Added flight restrictions in vehicle-mounted deployment mode, if the dock location is not calibrated.

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- Added warnings and flight restrictions when the battery lifespan is reached.

Refer to the [DJI FlightHub 2 User Guide](#) for more information.

Used with DJI Pilot 2

- Added Smart 3D Capture for DJI Matrice 4D Series.

- Added smart oblique in ortho collection for DJI Matrice 4D Series.

- Optimized airborne relay. The relay aircraft will adjust the orientation to face the main aircraft, ensuring optimal video transmission signal.

- Smart detection supports confidence threshold adjustment, which increases the number of recognized subjects. It also supports uploading multiple algorithms to the aircraft.

- The maximum flight altitude of the exit/entry route is adjusted to 60 m for dock site evaluation using DJI Matrice 4D Series aircraft.

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DJI Dock 3 / DJI Matrice 4D Series Release Notes

Date:	2025.02.27
Dock Firmware:	v01.00.00.01
Aircraft Firmware:	v01.00.00.01
Charging Hub Firmware:	v00.03.0011
Remote Controller Firmware:	v01.61.03.05
AS1 Firmware:	v01.00.01.11
AL1 Firmware:	v01.00.28.27
D-RTK 3 Firmware:	v13.00.00.04
DJI Pilot 2 App:	v13.0.2.5
DJI Enterprise App:	v2.0.0
DJI Assistant 2 (Enterprise Series):	v2.1.15

* Make sure to update the firmware version for the aircraft, the remote controller, and the dock. Otherwise, they will not be compatible with each other.

What's new

- Added support for Airborne Relay.

- Added support for displaying the connection status of the vehicle-mounted gimbal mount in DJI FlightHub 2.

- Fixed the issue where the aircraft fails to take off initially because the RTK positioning data is not from the dock.

Notes:

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