D-RTK 3 Release Notes

Date:	2025.08.28
D-RTK 3 Firmware:	v14.03.00.06
Matrice 4 Series Firmware:	v14.03.0009
DJI RC Plus 2 Enterprise Firmware:	v01.64.06.03
DJI Dock 3 Firmware:	v14.03.00.03
Matrice 4D Series Firmware:	v14.03.00.03
DJI Pilot 2 App:	v14.3.0.34
DJI Assistant 2:	v2.1.20
DJI Enterprise App:	v2.4.0

What's New

D-RTK 3 Multifunctional Base Station

- Added supports for China Mobile and Qianxun proprietary ionospheric quality factor messages, improving the performance of rover station positioning and base station calibration in active ionospheric conditions.

    (1) Accounts containing ionospheric quality factors need to be purchased separately from the network provider.

    (2) China Mobile uses the RTCM33_GRCEJ_ION mount point, and Qianxun uses the AUTO mount point.

- Relay Station mode now supports Matrice 4D and Matrice 4TD (DJI RC Plus 2 Enterprise).

- Fixed the issue where the standard deviation was too large after restarting when performing control point measurements in Mobile Station mode.

- DJI Pilot 2 supports displaying the password of the connected relay station.

D-RTK 3 Relay Fixed Deployment Version

- Added support for Takeover mode. When the relay station is connected to the dock and the aircraft is idle, nearby Matrice 4 series or Matrice 4D series (DJI RC Plus 2 Enterprise) aircraft can take control and connect to the relay station.

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D-RTK 3 Release Notes

Notes:

- Make sure that the dock, aircraft, remote controller, and D-RTK 3 firmware are all updated to the latest version. Otherwise, usage will be affected.

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D-RTK 3 Release Notes

Date:	2025.07.14
D-RTK 3 Firmware:	v14.01.06.05
Matrice 4 Series Firmware:	v14.01.00.12
DJI RC Plus 2 Enterprise Firmware:	v01.64.05.17
DJI Dock 3 Firmware:	v14.01.06.02
Matrice 4D Series Firmware:	v14.01.06.02
DJI Pilot 2 App:	v14.1.0.54
DJI Assistant 2:	v2.1.17
DJI Enterprise App:	v2.3.0

What's New

- Fixed some known issue.

Notes:

- Make sure that the aircraft, remote controller, and D-RTK 3 firmware are all updated to the latest version.
  Otherwise, usage will be affected.

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D-RTK 3 Release Notes

Date:	2025.06.10
D-RTK 3 Firmware:	v14.01.00.03
Matrice 4 Series Firmware:	v14.01.00.10
DJI RC Plus 2 Enterprise Firmware:	v01.64.05.08
DJI Dock 3 Firmware:	v14.01.00.03
Matrice 4D Series Firmware:	v14.01.00.03
DJI Pilot 2 App:	v14.1.0.54
DJI Assistant 2:	v2.1.17
DJI Enterprise App:	V2.2.0

What's New

D-RTK 3 Multifunctional Base Station

- The Base Station mode now supports Matrice 400. The maximum RTK coverage can reach up to 40 km when used together.

- The PPP function supports the integration of Galileo HAS and BeiDou B2b results, increasing the PPP satellite number in the Asia-Pacific region and improving the accuracy of calibration results.

- Optimized the storage logic of GNSS observation data (DAT) files, resolving the issue of multiple values for the base station center point during PPK calculation in DJI Terra.

- Optimized prompts for site evaluation of Relay Station in DJI Pilot 2.

- Optimized prompts related to Precise Positioning Setting in DJI Pilot 2.

D-RTK 3 Relay Fixed Deployment Version

- Fixed issue: Failure to check video transmission quality between the dock and the relay station when using DJI Enterprise.

- Optimized the warning message logic in FlightHub 2 when using non-standard PoE or Type-1 PoE power supply.

Notes:

- Make sure that the aircraft, remote controller, and D-RTK 3 firmware are all updated to the latest version. Otherwise, usage will be affected.

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D-RTK 3 Release Notes

Date:	2025.04.15
D-RTK 3 Firmware:	v13.01.0004
Matrice 4 Series Firmware:	v13.01.0010
DJI RC Plus 2 Enterprise Firmware:	v01.61.0405
DJI Dock 3 Firmware:	v13.01.0002
Matrice 4D Series Firmware:	v13.01.0002
DJI Pilot 2 App:	v13.1.0.19
DJI Assistant 2:	v2.1.15

What's New

D-RTK 3 Multifunctional Base Station

- The PPP function is compatible with Galileo HAS and supports decimeter-level PPP calibration in overseas areas.

- The PPP function has added coordinate system conversion for areas outside Mainland China and supports the output of WGS84 coordinate. Fixed the issue of significant errors in coordinate system conversion for PPP positioning results in Mainland China.

- Added support for viewing the D-RTK 3 device serial number.

D-RTK 3 Relay Fixed Deployment Version

- Added support for Remote Access function, allowing fixed-deployment relay stations to connect with nearby aircraft:

1) DJI Dock 3 can remotely search and connect to or disconnect from D-RTK 3 relay stations via DJI FlightHub 2.

2) Matrice 4 series aircraft can remotely search and connect to D-RTK 3 relay stations via DJI Pilot 2.

Notes:

- Make sure that the aircraft, remote controller, and D-RTK 3 firmware are all updated to the latest version. Otherwise, usage will be affected.

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D-RTK 3 Release Notes

Date:	2025.02.27
D-RTK 3 Firmware:	v13.00.0004
Matrice 4 Series Firmware:	v12.01.06.06
DJI RC Plus 2 Enterprise Firmware:	v01.61.03.05
DJI Pilot 2 App:	v13.0.2.5
DJI Assistant 2:	v2.1.15

What's New

- Added support to D-RTK 3 Relay Fixed Deployment Version.

- Optimized the calibration performance of Custom Network RTK in D-RTK 3 Base Station mode.

- Updated the format after renaming the Bluetooth of the D-RTK 3 rover station.

- Updated some HMS alerts.

- Fixed the issue where, in the D-RTK 3 Base Station and Relay Station mode, if the Custom Network RTK calibration is terminated before completion and PPP calibration is triggered, the calibration interface does not display real-time calibration information and PPP calibration cannot be completed.

- Fixed the issue where the power indicator quickly turns off after pressing the power button when the battery is fully charged.

- Fixed the issue where the app occasionally reports a password error after entering the correct password.

Notes:

- Make sure that the aircraft, remote controller, and D-RTK 3 firmware are all updated to the latest version. Otherwise, usage will be affected.

https://enterprise.dji.com/d-rtk-3