



D-RTK 3 Release Notes

Date:	2026.03.31
D-RTK 3 Firmware:	v17.00.00.06
Matrice 4 Series Firmware:	v17.00.00.01
DJI RC Plus 2 Enterprise Firmware:	v01.64.08.06
DJI Pilot 2 App:	V17.0.0.40
DJI Assistant 2:	v2.1.20
DJI Enterprise App:	v2.5.2
DJI Dock 3 Firmware:	v17.00.00.09
Matrice 4D Series Firmware:	v17.00.00.09

What's New

D-RTK 3 Multifunctional Base Station

- Added support for point stakeout to expand application scenarios.
- Added support for voice prompts to provide key information in real time, improving operation efficiency.
- Added support for configuring a shortcut button for point recording.

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.

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



D-RTK 3 Release Notes

Date:	2025.12.11
D-RTK 3 Firmware:	v16.01.00.02
Matrice 4 Series Firmware:	v16.01.00.05
DJI RC Plus 2 Enterprise Firmware:	v01.64.07.08
DJI Pilot 2 App:	V16.1.0.44
DJI Assistant 2:	v2.1.20
DJI Enterprise App:	v2.5.1
DJI Dock 3 Firmware:	v16.01.00.05
Matrice 4D Series Firmware:	v16.01.00.05

What's New

D-RTK 3 Multifunctional Base Station

- Added support for FlyCart 100 in base station mode.
- DJI Enterprise App now supports custom network RTK-based base station location calibration when connecting to a base station. Combined with 1+N mode, precise base station location can be obtained.
- When connecting to a rover station with DJI Enterprise App, it is supported to mark point without network connectivity. Using observation files, third-party software can perform PPK calculation.
- Added pinpoint timestamps to point marking reports in DJI Enterprise App.
- Supported recording of original observation files in .OBS format for PPK calculation via third-party software.
- Supported recording of timestamp files in .MRK format to log point marking and calibration results.
- Fixed the issue of garbled Chinese characters in .CSV report files during point marking with DJI Enterprise App.
- Fixed the issue where the northing and easting coordinates were displayed in reverse in certain countries or regions during point marking with DJI Enterprise App.
- Fixed the issue of relatively short transmission distances in base station mode in some countries.
- Fixed the issue: When using base station mode with Matrice 400 (firmware version v16.00.0813 required), enabling 4G video transmission would cause a password error prompt.

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D-RTK 3 Release Notes

D-RTK 3 Relay Fixed Deployment Version

- Added support for FlyCart 100 in relay mode.
- Fixed some known issue.

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.



D-RTK 3 Release Notes

Date:	2025.11.04
D-RTK 3 Firmware:	v16.00.00.02
Matrice 4 Series Firmware:	v14.03.00.12
DJI RC Plus 2 Enterprise Firmware:	v01.64.07.02
DJI Pilot 2 App:	V16.0.0.49
DJI Assistant 2:	v2.1.20
DJI Enterprise App:	v2.5.0
DJI Dock 3 Firmware:	v14.03.05.05
Matrice 4D Series Firmware:	v14.03.05.05

What's New

D-RTK 3 Multifunctional Base Station

- Added supports for 1+N mode. Rover stations can directly connect to the D-RTK 3 base station for point collection tasks, allowing one base station to connect with multiple rover stations.
- DJI Enterprise app now supports conversion to local elevation coordinate systems and allows to import local elevation TIFF files for conversion.
- Fixed an occasional issue where satellite acquisition failed during cold start in certain scenarios.

D-RTK 3 Relay Fixed Deployment Version

- Added support for Matrice 400. Ensure the aircraft and remote controller are all updated to the latest version.

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:	2025.08.28
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.



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.

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