



D-RTK 2

• Product

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| Which satellite positioning systems does the D-RTK 2 High Precision GNSS Mobile Station (D-RTK 2 Mobile Station) support? | The D-RTK Mobile Station supports GPS, GLONASS and Galileo. It receives 8 satellite signals, including GPS L1, L2, L5; GLONASS L1, L2; Galileo E1, E5A, E5B. |
| What is the difference between the D-RTK 2 Mobile Station and D-RTK? | <p>There are 2 main differences:</p> <p>a. Physical differences: D-RTK is a module that includes 2 RTK receivers, antennas, and radio. One receiver can be used as the base station while the other as the rover station to transmit differential data via radio. D-RTK 2 Mobile Station is an all-in-one product that integrates a high-precision receiver and transmission links, making it easy to set up and use.</p> <p>b. Performance D-RTK has two versions that receive GPS+BDS or GPS+ GLONASS signals depending on the region of purchase. D-RTK 2 Mobile Station only has one version globally that supports four satellite navigation systems: GPS, BEIDOU, GLONASS, and Galileo, receiving 11 signals. The new antennas ensure better signal reception and higher positioning accuracy.</p> |
| Which aircrafts is the D-RTK 2 Mobile Station compatible with? | It is compatible with Phantom 4 RTK, MG-1P RTK, and not with M210 RTK or D-RTK. |
| Why does the D-RTK 2 Mobile Station not support D-RTK? | Because the data links are different. |
| What does the D-RTK 2 Mobile Station do? | Currently it is a mobile RTK station, in the future it will be able to serve as a handheld mapping device and as a Continuously Operating Reference Station (CORS). |

● Power Source

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| What are the power sources of the D-RTK 2 Mobile Station? | There are three power sources: 1. Internal battery WB37-4920mAh-7.6V 2. External battery (MG12000P) 3. AC power adapter |
| How long does the internal battery last? | At least two hours. The battery can be charged through the external power port on the D-RTK 2 Mobile Station, or removed and charged with the charger. |
| Does the internal battery need to be removed when the D-RTK 2 Mobile Station is not in use? | Yes. When not in use, please remove the battery. When powered off, the D-RTK 2 Mobile Station enters standby. If the battery is left in the D-RTK 2 Mobile Station, it will stand by for 10 days and then power off automatically to protect the battery, after which the battery needs to be changed or recharged. |
| Will the D-RTK 2 Mobile Station shut down when switching to an external power source? | When the internal battery is fully charged, the D-RTK 2 Mobile Station will stay on for at least two hours. If an external power source is connected before the internal battery is drained, the D-RTK 2 Mobile Station will continue to function, otherwise it will shut down. |

● Using the D-RTK 2 Mobile Stations

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| Do I need to calibrate the D-RTK 2 Mobile Station with a reference point? | If there is a point with known location coordinates, simply place the D-RTK Mobile Station exactly on that point then input the coordinates in the App. Make sure the difference in distance between the input and actual coordinates is less than 5 meters, or the input will not work. |
| How does the D-RTK 2 Mobile Station sense movement and determine if it is upright? | The D-RTK 2 Mobile Station is equipped with a high-performance IMU to monitor the status of the device and send that information to the aircraft. If the D-RTK 2 Mobile Station is moved or toppled over, the aircraft will stop performing RTK functions and display the status of the D-RTK 2 Mobile Station in the remote controller app. |
| How do I import a fixed set of coordinates into the D-RTK 2 Mobile Station? | This can be done in the remote controller app, please see the user manual for more information. |
| How do I run updates on the D-RTK 2 Mobile Station? | Log in to DJI ASSISTANT 2 with your DJI account, connect the D-RTK 2 Mobile Station to the PC with a Type-C cable and run the firmware update. |