



M300 RTK Known Issue List

Aircraft Firmware:	v01.00.02.11 v01.00.02.14
Remote Controller Firmware:	v01.00.02.13
Pilot App Android	v1.9.0R
D-RTK 2 Mobile Station:	v03.00.00.13
Intelligent Battery Station:	v01.05.06.06
Intelligent Flight Battery:	v01.02.05.28
Zenmuse H20 / H20T:	v01.00.02.11

	Issue Description	Workaround solution
1	When a mapping mission is paused either in flight or while landing to swap batteries, if the operator tries to resume the mission, a message will pop up that says: "Map interactions should happen on the UI thread..." and they will not be able to resume the mission.	<p>Change map service before starting mission flight to resolve issue.</p> <p>Click on the "..." of the top right corner of live video screen of Pilot</p> <p>Go to "..." in sub menu</p> <p>Select "Mapbox" in "Map Switch", and plan the mission on the map, save the mission</p> <p>Then switch to "AMap"</p> <p>Then you can execute the mission normally, but will not have map imagery during the mission with AMap.</p> <p>If background map imagery is required during the mission please use the Pilot PE app V1.8 available on the DJI Downloads website.</p>
2	Mission flight cannot be saved. When trying to save a mission flight, there is a notification "table MAPPING_WAYLINE has no column named PHONE...".	<p>Go into Apps (circle with the four squares in it on the Smart Controller Home Screen).</p> <p>Then Settings</p> <p>Scroll down to storage</p> <p>Click on Apps</p> <p>Click on Pilot app and then clear data</p> <p>Click the back button</p> <p>Re-open the Pilot App and create the mission, will then be able to save the mission.</p> <p>Note: This action will clean all the missions in the mission library, so it is suggested to back up all your mission files first.</p>

M300 RTK Known Issue List

3	<p>In Dual RC Mode, if the RC has gimbal control only, the gimbal pitch stick will trigger camera zooming.</p>	<p>By assigning the Control Stick Mode of the RC with gimbal control to Mode 2 this issue can be avoided. Can make this change in the Checklist or Remote Controller Settings of the Pilot app.</p>
4	<p>In the camera settings of the Zoom camera of the H20 Series, the option for Night Scene and 4K resolution are not displayed as options In some cases, the options related to the thermal camera are not displayed in the camera settings menu either.</p>	<p>The display of menu for different cameras is not shown correctly on DJI Pilot occasionally. This can be recovered by restarting the Pilot app: Opening the recent apps page of the Smart Controller Enterprise by holding the back button for 2 seconds and then while still holding push the 5D button to the left. Swipe up on the Pilot App to close it. Reopen the Pilot App. This issue will be solved in the next firmware version of H20 Series.</p>
5	<p>Unsuccessful linking of M300 RTK to D-RTK 2 mobile station.</p>	<p>Currently the workaround solution is to use a special firmware version for the D-RTK 2. The special firmware solving the issue for both D-RTK 2 and D-RTK 2 for Matrice can be accessed by logging in using the following account with the applicable program of DJI Assistant 2 for Phantom or Matrice: account: djientsolution@outlook.com password : test2020 The D-RTK 2 version is 02.02.0602 The D-RTK 2 for Matrice version is 3.0.0.14 If the issue cannot be solved with the above firmware, please contact DJI Support. We will update the firmware of M300 RTK & D-RTK 2 moving forward to solve this issue permanently.</p>

M300 RTK Known Issue List

6	<p>When the Smart Controller Enterprise is powered on, you may find the date on the RC to be Jan-18-2013 occasionally by mistake. This will also impact the date & time for the log that is saved.</p>	<p>Whenever you power on the RC, check whether the date is correct or not. If it's wrong, connecting the RC to Internet will sync the network time and correct the date & time. Then you can start the mission and the flight log will be saved correctly. You can manually adjust date & time in the system settings of the smart controller enterprise alternatively when internet is not available.</p> <p>This issue will be solved in the next firmware release of the M300 RTK.</p>
7	<p>During the flight, the live video screen may turn black for a few seconds, but the RC signal is still good and has not been lost.</p>	<p>The live video usually can recover by itself in a few seconds. If not, please go to the recent app page of Smart Controller Enterprise, swipe Pilot App and reopen it.</p> <p>Open the recent apps page of the Smart Controller Enterprise by holding the back button for 2 seconds and then while still holding push the 5D button to the left.</p> <p>Swipe up on the Pilot App to close it.</p> <p>Reopen the Pilot App.</p>
8	<p>Smart Controller Enterprise doesn't have Internet access after connecting to a Wi-Fi hotspot.</p>	<p>Please check whether the IP address of the Wi-Fi is 192.168.50.xx. If so, please modify the IP to be outside of this specified IP address.</p>
9	<p>When creating a mission in Mapping/Oblique/Linear Flight Mission mode, you cannot save the parameters of a custom camera before creating a mapping area.</p>	<p>First draw the mapping area on the map, then you will be able to save the custom camera parameters.</p>
10	<p>When connecting an external tablet to Smart Controller Enterprise and running the Pilot App on it, image/video playback and download can be slow.</p>	<p>This issue will be addressed in the next firmware version.</p>

M300 RTK Known Issue List

11	When taking a screen recording on the Smart Controller Enterprise, you cannot record the sound.	Sound recording will be supported in later firmware versions.
12	In Mapping/ Oblique/ Linear Flight Mission mode, the camera is not taking photos during the flight.	Please confirm that the gimbal camera is connected to the 1st gimbal port of M300 RTK. In Mapping/Oblique/Linear Flight Mission mode, only the payload connecting to 1st gimbal port can take photos. Note: 1st gimbal port is the one on the right side when looking at the drone from the front.
13	In High-res Grid Photo, the position of some pictures taken by the zoom camera are different with the shooting area planned.	If the camera pitch angle is $\geq 50^\circ$, there will be a deviation between the planned shooting area and the actual one. This issue will be optimized in later firmware versions.
14	After updating Pilot App from 1.8.0R to 1.9.0, the aircraft cannot take off. **Note, the Pilot app for the M300RTK should not be updated to 1.9.0. The RC should be updated which will update the Pilot app to 1.9.0R.	Please contact DJI support to solve this issue. Note: M300 RTK need to work with Pilot version with an "R" suffix.
15	In mission flight mode, when pausing a mission, the voice notification is in Chinese.	This issue will be solved in later firmware versions.

M300 RTK Known Issue List

16	Unable to set values in mission planning after updating system.	<p>Go into Apps (circle with the four squares in it on the Smart Controller Home Screen).</p> <p>Then Settings</p> <p>Scroll down to storage</p> <p>Click on Apps</p> <p>Click on Pilot app and then clear data</p> <p>Click the back button</p> <p>Re-open the Pilot App and create the mission, will then be able to save the mission.</p> <p>Note: This action will clean all the missions in the mission library, so it is suggested to back up all your mission files first.</p>
----	---	---