

DJI Matrice 4 Series Known Issues List

Date:	2025.04.15
Aircraft Firmware:	v13.01.00.10
Remote Controller Firmware:	v01.61.04.05
AS1 Firmware:	v01.00.01.11
AL1 Firmware:	v01.00.29.85
DJI Pilot 2 App:	v13.1.0.19
DJI Assistant 2:	v2.1.15

The issue has not been fixed in the current version.

Module	Issue Description	Workaround Solution
Aircraft	During manual flight, the terrain follow function cannot be used over water, and a low altitude warning is displayed.	Since the aircraft cannot get the altitude relative to the water surface, it cannot enter the terrain follow function.
Aircraft	During manual flight with a spotlight, the aircraft cannot enter the terrain follow function.	The spotlight on the aircraft obstructs the vision system. After removing the spotlight, the terrain follow can be used.
Aircraft	In certain scenarios, visual obstacle avoidance may be easily triggered by mistake, such as in foggy environments or at night with bright lights.	Check if the sensing system lenses are clean. The aircraft is more likely to mistakenly avoid obstacles when the lenses are dirty. Ensure the sensors are clean before flight.
Aircraft	When using Smart 3D Capture, propeller shadows appear in the images.	The presence of propeller shadows in a few images does not have a significant impact. However, if there are many images with propeller shadows or the shadow areas are too large, the propeller shadows may appear in the model texture map.
Aircraft	For overseas users using custom network RTK with the mount point set to GR, the RTK FIX time will be longer (from a few minutes to over ten minutes).	You can switch to other mount points.
Aircraft	When the firmware versions of the remote controller and aircraft are incompatible, malfunctions may occur.	Please update the aircraft, remote controller, and DJI Pilot 2 app to the latest version.
Aircraft	If the aircraft flies close to the ground (about 10m high) for a certain distance after takeoff, and then starts to increase its altitude. it may move back and forth near the home point when using the Preset RTH, causing an unsMOOTH return.	You can try the following solutions: 1. Avoid flying close to the ground during takeoff. 2. Enable Vertical Landing when the RTH is set to Preset. 3. Use Optimal RTH. This issue will be fixed in future versions.

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Aircraft	After updating the DJI cellular dongle, it will switch to the external slot by default. If the nano-SIM card of the dongle in the cellular dongle compartment has no data, the app will prompt that there is no internet connection on the DJI cellular dongle of the aircraft.	You can recharge data for the nano-SIM card, or switch the SIM card type to eSIM to restore the network.
Aircraft	If the distance between the remote controller and the aircraft exceeds 200m, the update will fail during firmware update, flight route upload in AI Spot-Check, and No-Fly Zone database upload.	Ensure the distance between the aircraft and the remote controller is within 200m during these processes.
Battery	Using some third-party power banks to connect to the charging hub may result in failure to charge.	It is recommended to charge with the standard charger, or a power supply that supports higher instantaneous current (such as the DJI Power series) as an emergency power backup.
Battery	The battery level is below 20% when unboxed.	No workaround is needed. Aviation transport regulations require that the battery level not exceed 30%, it is normal for the battery level to be below 20%. It is recommended to charge the battery with the charging hub until the power level is above 20% before updating to the latest firmware.
Remote Controller	When using the speaker's TTS function, playback fails in some scenarios.	<ol style="list-style-type: none"> 1. The TTS conversion capability is related to the system language, and the TTS conversion language must be consistent with the remote controller's system language. In case of playback failure, it is recommended to switch the language and try again. 2. Some languages (Korean, Japanese, French, Spanish) only support female voice playback.

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Date:	2025.01.08
Aircraft Firmware:	v12.00.01.07
Remote Controller Firmware:	v01.41.02.08
AS1 Firmware:	v01.00.01.10
AL1 Firmware:	v01.00.28.27
DJI Pilot 2 App:	v12.0.0.61
DJI Assistant 2:	v2.1.14

The issue has not been fixed in the current version.

Module	Issue Description	Workaround Solution
Aircraft	In certain scenarios, visual obstacle avoidance may be easily triggered by mistake, such as in foggy environments or at night with bright lights.	Check if the sensing system lenses are clean. The aircraft is more likely to mistakenly avoid obstacles when the lenses are dirty. Ensure the sensors are clean before flight.
Aircraft	When using Smart 3D Capture, propeller shadows appear in the images.	The presence of propeller shadows in a few images does not have a significant impact. However, if there are many images with propeller shadows or the shadow areas are too large, the propeller shadows may appear in the model texture map.
Aircraft	For overseas users using custom network RTK with the mount point set to GR, the RTK FIX time will be longer (from a few minutes to over ten minutes).	You can switch to other mount points.
Aircraft	When the firmware versions of the remote controller and aircraft are incompatible, malfunctions may occur.	Please update the aircraft, remote controller, and DJI Pilot 2 app to the latest version.
Aircraft	If the aircraft flies close to the ground (about 10m high) for a certain distance after takeoff, and then starts to increase its altitude, it may move back and forth near the home point when using the Preset RTH, causing an unsmooth return.	You can try the following solutions: 1. Avoid flying close to the ground during takeoff. 2. Enable Vertical Landing when the RTH is set to Preset. 3. Use Optimal RTH. This issue will be fixed in future versions.
Aircraft	After updating the DJI cellular dongle, it will switch to the external slot by default. If the nano-SIM card of the dongle in the cellular dongle compartment has no data, the app will prompt that there is no internet connection on the DJI cellular dongle of the aircraft.	You can recharge data for the nano-SIM card, or switch the SIM card type to eSIM to restore the network.

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Battery	Using some third-party power banks to connect to the charging hub may result in failure to charge.	It is recommended to charge with the standard charger, or a power supply that supports higher instantaneous current (such as the DJI Power series) as an emergency power backup.
Battery	The battery level is below 20% when unboxed.	No workaround is needed. Aviation transport regulations require that the battery level not exceed 30%, it is normal for the battery level to be below 20%. It is recommended to charge the battery with the charging hub until the power level is above 20% before updating to the latest firmware.
Remote Controller	The app will crash when TTS is played in languages other than Chinese or English.	The DJI AS1 speaker currently supports only Chinese and English, other languages are not supported.
Speaker	There will be slight stuttering when the audio file of the DJI AS1 speaker audio file is being uploaded and played simultaneously.	Wait until the transfer is complete before playing the audio. This issue will be fixed in future versions.