DJI L1 Release Notes

Release Date:	2023.05.18
DJI L1 Firmware:	v07.00.01.10
Firmware Upgrade Method:	DJI L1 - SD card / Update All in App
Compatible Firmware and Software Required:	**M300 RTK + DJI Smart Controller Enterprise**
	Aircraft Firmware: v07.00.01.00
	Remote Controller Firmware: v07.00.01.00
	DJI Pilot 2 App: v7.0.1.1
	M300 RTK + DJI RC Plus
	Aircraft Firmware: v57.00.01.00
	Remote Controller Firmware: v01.02.04.40
	DJI Pilot 2 App: v7.0.1.0
	M350 RTK + DJI RC Plus
	Aircraft Firmware: v07.00.00.01
	Remote Controller Firmware: v01.02.04.40
	DJI Pilot 2 App: v7.0.1.0

What's New

- Added support for M350 RTK.

Note

- Make sure that the aircraft firmware, the remote controller firmware, the L1 firmware, and the DJI Pilot 2 App are all updated to the latest version.

DJI L1 Release Notes

Release Date:	2022.05.11
DJI L1 Firmware:	v04.00.01.06
Firmware Upgrade Method:	DJI L1 - SD card / Update All in App
Other Product Firmware and Software Required:	M300 RTK aircraft firmware: v04.00.01.11
	M300 RTK remote controller firmware: v04.00.01.10
	DJI Pilot 2 App Android: v4.0.0.74 (M300)

What´s New

- Optimized flight route smoothness to improve the efficiency of Terrain Follow missions.

- Added IMU Calibration to Terrain Follow, Oblique and Linear Flight missions.

- The calibration strategy for Waypoint missions is now optimized. IMU Calibration will not be performed when the flight time between two waypoints is less than 100 seconds. IMU Calibration will be performed when the flight time between two waypoints is more than 100 seconds.

- Supported to generate the original satellite observation and record files when capturing photos with the mapping camera.

- Added to set the forward overlap (visible) parameter for the mapping camera when using Mission flight.

- Fixed an occasional issue: where photos were missed when using the Photogrammetry mission.

Note

- Make sure that the aircraft firmware, the remote controller firmware, the L1 firmware, and the DJI Pilot 2 App are all updated to the latest version.

DJI L1 Release Notes

Release Date:	2021.10.13
DJI L1 Firmware:	v03.00.02.00
Firmware Upgrade Method:	DJI L1 - SD card / Update All in App
Other Product Firmware and Software Required:	M300 RTK aircraft firmware: v03.00.01.01
	M300 RTK remote controller firmware: v03.00.01.02
	DJI Pilot App Android: v3.0.1.4 (M300)

What´s New

- Added Zenmuse L1 calibration, allowing users to make a calibration file to complete L1 calibration and restore factory settings.

- Added Elevation Optimization to Mapping Flight. The L1 only takes photos and does not record point clouds during elevation optimization segments of flight when Elevation Optimization is enabled.

- The default metering for photos during flight route is updated to center-weighted average metering.

- The L1 camera will automatically focus to infinity after the focus mode switched to MF.

- The Calibration Flight is updated to acceleration and deceleration calibration flight (except for Linear Flight Mission). The aircraft will fly forward 30 m (98 ft) and then fly backward 30 m (98 ft) at next nearest waypoint after every 100s during Waypoint flight when the calibration flight conditions are met. The aircraft will also perform a calibration at intervals of less than 100 seconds during extended flights using Mapping flight.

- Fixed issue: incorrect flight height displayed during Terrain Follow Flight.

- Fixed some minor bugs.

Note

- Make sure that the aircraft firmware, the remote controller firmware, the L1 firmware, and the DJI Pilot 2 App are all updated to the latest version.

DJI L1 Release Notes

Release Date:	2021.05.24
DJI L1 Firmware:	v02.04.01.08
Firmware Upgrade Method:	DJI L1 - SD card / Update All in App
Other Product Firmware and Software Required:	M300 RTK aircraft firmware: v02.04.01.02
	M300 RTK remote controller firmware: v02.04.01.03
	DJI Pilot App Android: v2.4.1.7

What´s New

- Optimized point cloud model colorization, reducing point cloud miscoloring.

Note

- Make sure that the aircraft firmware, the remote controller firmware, the L1 firmware, and the DJI Pilot 2 App are all updated to the latest version.