Matrice 200 Series Release Notes

Date:	2019.12.10
Aircraft Firmware:	v01.02.0450
Battery Firmware:	v01.00.00.87
Remote Controller Firmware:	v01.01.0060 v02.00.0170(Cendence)
DJI GO 4 app:	iOS v4.3.24, Android v4.3.25
DJI Pilot app:	Android v1.6.1
CrystalSky Firmware:	v2.6.6.0

What's New?

Battery:

- Optimized the battery level calculation.
- Fixed the issue where the battery firmware was inconsistent with other modules when using the batteries on a Matrice 200 Series V2 aircraft.
  If you have multiple batteries, please run this firmware update on all of them.

Aircraft:

- Optimized obstacle sensing during flight missions. If an obstacle is detected during a flight mission, the aircraft will pause the mission, record a breakpoint and brake, and then fly backward until it arrives at the breakpoint.
- Fixed the invalid distortion correction when using the X5S.
- Fixed rare issue where the DJI GEO Zones database was incorrect after the aircraft restarted.
- Fixed the issue where calibration failed due to the compass interference when using the M210 or the M210 RTK with an external GPS kit.
- For the M210 RTK only:
  Corrected the RTK flag for the captured photo.
  Fixed issue: aircraft yaw now cannot be changed during RTH.

Notes:

- Make sure to update the firmware for both the aircraft and the remote controller. Otherwise, they will not be compatible with each other.
- Flight controller settings may be reset after firmware update. Remember to check and reconfigure the settings if needed.
- The Zenmuse Z30 should be updated to v01.00.00.47 before using the gimbal with this firmware. Reset the gimbal parameters after the Zenmuse Z30 firmware update is complete.
- Only newer Zenmuse XT models are compatible with the Matrice 200. A replacement may be required if your XT model isn't supported. Please contact DJI Support to learn more about various XT model compatibility. The Zenmuse XT gimbal adapter and DJI Pilot app are also required when used with the Matrice 200.
- If the firmware update is timed out, restart the aircraft and DJI Pilot / DJI GO 4 to confirm if the update is successful.
- If the firmware update fails, restart the aircraft and DJI Pilot / DJI GO 4, then try updating again.

http://www.dji.com/matrice-200-series

Matrice 200 Series Release Notes

Date:	2018.12.19
Aircraft Firmware:	v01.02.0301
Battery Firmware:	v01.00.00.84
Remote Controller Firmware:	v01.01.0020 v02.00.0120(Cendence)
DJI GO 4 app:	iOS v4.3.3, Android v4.3.2
DJI Pilot app:	Android v1.1.0
CrystalSky Firmware:	v2.6.6.0

What's New?

- Enhanced the accuracy of the detection of a false high State of Charge (SOC) reading of the battery to minimize the probability of the aircraft returning to home or landing at sooner than expected due to incorrect detection.
  If you have multiple batteries, please run this firmware update on all of them.
- Added a battery heating safeguard to ensure that the temperature is higher than 61°F (16°C) before takeoff. Users can use the battery's self-heating function to meet the takeoff condition.

Notes:

- This firmware update includes protection measures to ensure flight safety, and the following may occur after the update:
  a. A rare situation where RTH or landing is triggered when the battery level displayed in the app is more than the value that is required for the corresponding function.

  To minimize the impact to user experience, it is strongly recommended to **fully charge battery and make sure the battery temperature is 16°C or higher before takeoff.**

- The Zenmuse Z30 should be updated to v01.00.00.47 before using the gimbal with this firmware. Reset the gimbal parameters after the Zenmuse Z30 firmware update is complete.
- Only newer Zenmuse XT models are compatible with the Matrice 200. A replacement may be required if your XT model isn't supported. Please contact DJI Support to learn more about various XT model compatibility. The Zenmuse XT gimbal adapter and DJI Pilot app are also required when used with the Matrice 200.
- If the firmware update fails, restart the aircraft and DJI Pilot \ DJI GO 4, then try updating again.

Matrice 200 Series Release Notes

Date:	2018.11.16
Aircraft Firmware:	v01.02.0000
Remote Controller Firmware:	v01.01.0020 v02.00.0120(Cendence)
DJI GO 4 app:	iOS v4.3.3, Android v4.3.2
DJI Pilot app:	Android v1.0.1
CrystalSky Firmware:	v2.6.6.0

This firmware update resolves the rare issue of mid-flight power loss due to incorrect battery level calculations. Please run this update immediately.

What's New?

- Resolved the issue of a false high State of Charge (SOC) reading of the battery where the SOC displayed in the app is higher than the actual SOC, with additional measures to protect the aircraft.
  If you have multiple batteries, please run this firmware update on all of them.
- Enhanced the performance of the external GPS module, specifically improving the built-in compass' ability to withstand signal interference. (Please connect a GPS module to the aircraft during the firmware update)
- Resolved a rare issue where the aircraft cannot take off when two downward gimbals are connected on the M210 RTK.
- Resolved a rare issue where the aircraft shakes as the gimbal turns.
- Resolved a rare issue of abnormal time settings in Interval shooting mode during Waypoint Flight.

Notes:

- This firmware update includes protection measures to ensure flight safety, and the following may occur after the update:
  a. Longer warmup time before takeoff.
  b. A rare situation where RTH or landing is triggered when the battery level displayed in the app is more than the value that is required for the corresponding function.

  To minimize the impact to user experience, it is strongly recommended to **fully charge battery and make sure the battery temperature is 20°C or higher before takeoff.**

- The Zenmuse Z30 should be updated to v01.00.00.47 before using the gimbal with this firmware. Reset the gimbal parameters after the Zenmuse Z30 firmware update is complete.
- Only newer Zenmuse XT models are compatible with the Matrice 200. A replacement may be required if your XT model isn't supported. Please contact DJI Support to learn more about various XT model compatibility. The Zenmuse XT gimbal adapter and DJI Pilot app are also required when used with the Matrice 200.
- If the firmware update fails, restart the aircraft and DJI Pilot \ DJI GO 4, then try updating again.

http://www.dji.com/matrice-200-series

Matrice 200 Series Release Notes

Date:	2018.08.13
Aircraft Firmware:	v01.01.0913
Remote Controller Firmware:	v01.01.0020 v02.00.0120(Cendence)
DJI GO 4 app:	iOS v4.2.24, Android v4.2.21
DJI Pilot app:	Android v0.6.3
CrystalSky Firmware:	v2.6.6.0

What's New?

- Fixed a rare issue where a fully charged battery cannot be turned on.
  Make sure to update all batteries to this firmware version.

Notes:

- The Zenmuse Z30 should be updated to v01.00.00.47 before using the gimbal with this firmware. Reset the gimbal parameters after the Zenmuse Z30 firmware update is complete.
- Only newer Zenmuse XT models are compatible with the Matrice 200. A replacement may be required if your XT model isn't supported. Please contact DJI Support to learn more about various XT model compatibility. The Zenmuse XT gimbal adapter and DJI Pilot app are also required when used with the Matrice 200.
- If the firmware update fails, restart the aircraft and DJI Pilot \ DJI GO 4, then try updating again.

http://www.dji.com/matrice-200-series

Matrice 200 Series Release Notes

Date:	2018.06.20
Aircraft Firmware:	v01.01.0911
Remote Controller Firmware:	v01.01.0002 v02.00.0090(Cendence)
DJI GO 4 app:	iOS v4.2.16, Android v4.2.16
DJI Pilot app:	Android v0.6.1
CrystalSky Firmware:	v2.6.6.0

What's New?

- Fixed a bug where more or less photos are captured when both cameras simultaneously took photos in the dual downward gimbal configuration. (If Zenmuse XT is used, please attach the Zenmuse XT with the XT Adapter together to the Gimbal Connector I, and use the DJI Assistant 2 for Matrice software to update the XT Adapter.)
- Optimized the Unlocking feature for GEO System.
- Improved the return to home and landing accuracy of the M210 RTK.
- Fixed a bug where prompts failed for flight limits and unlocking.
- Fixed a rare bug where "IMU abnormality, please calibrate the IMU" appears during turbulent flight.
- Fixed a bug where aircraft and gimbal problems happened when the X4S\X5S yaw rotation is reversed with the aircraft. Note that the X4S\X5S should be attached to the Gimbal Connector I when updating.
- Fixed a bug where the aircraft distance incorrectly displayed in app when exiting flight from the simulator.
- Fixed and optimized other issues.

Notes:

- The Zenmuse Z30 should be updated to v01.00.00.47 before using the gimbal with this firmware. Reset the gimbal parameters after the Zenmuse Z30 firmware update is complete.
- Only newer Zenmuse XT models are compatible with the Matrice 200. A replacement may be required if your XT model isn't supported. Please contact DJI Support to learn more about various XT model compatibility. The Zenmuse XT gimbal adapter and DJI Pilot app are also required when used with the Matrice 200.
- If the firmware update fails, restart the aircraft and DJI Pilot \ DJI GO 4, then try updating again.

Matrice 200 Series Release Notes

Date:	2018.04.20
Aircraft Firmware:	v01.01.0900
Remote Controller Firmware:	v01.01.0002 v02.00.0090(Cendence)
DJI GO 4 app:	iOS v4.2.12, Android v4.2.12
DJI Pilot app:	Android v0.6.0
CrystalSky Firmware:	v2.6.3.0

What's New?

• Added support for the Zenmuse XT2 gimbal and camera (requires DJI Pilot APP v0.6.0).

• Added Payload SDK to support third-party payloads.

• Optimized the unlocking feature for Fly Safe.

• Optimized compass data fusion to improve aircraft orientation stability and compass anti-interference capability.

• Fixed an issue where the battery level was not correct. Battery update will help calibrate the battery level. Be sure to update all of your batteries to the latest firmware version. Please note that unlike the previous firmware update version, there is no need to set the battery aside for 90 minutes.

• Fixed a rare issue where the latitude and longitude were reversed in the photo EXIF information for the M210 RTK aircraft.

• Fixed other small issues.

Notes:

• This update includes battery firmware. Be sure to update all of your batteries to the latest firmware version.

• The Zenmuse Z30 should be updated to v01.00.00.47 before using the gimbal with this firmware. Reset the gimbal parameters after the Zenmuse Z30 firmware update is complete.

• Only newer Zenmuse XT models are compatible with the Matrice 200. A replacement may be required if your XT model isn't supported. Please contact DJI Support to learn more about various XT model compatibility. The Zenmuse XT gimbal adapter and DJI Pilot app are also required when used with the Matrice 200.

• If the firmware update fails, restart the aircraft and DJI Pilot \ DJI GO 4, then try updating again.

6

Matrice 200 Series Release Notes

Date:	2018.02.11
Aircraft Firmware:	v01.01.0600
Remote Controller Firmware:	v01.01.0002 v02.00.0030(Cendence)
DJI GO 4 app:	iOS v4.1.20, Android v4.1.18
DJI Pilot app:	Android v0.5.1
CrystalSky Firmware:	v2.4.6.0

What's New?

- Optimized compass data fusion.
- M210 RTK: Improved D-RTK positioning accuracy and precision Return to Home is now enabled by default.
- Fixed an issue that caused HDMI image output to be abnormal when using dual downward gimbals.
- Fixed an issue that caused gimbal ESC updates to fail.

Notes:

- The Zenmuse Z30 should be updated to v01.00.00.47 before using the gimbal with this firmware. Reset the gimbal parameters after the Zenmuse Z30 firmware update is complete.
- Only newer Zenmuse XT models are compatible with the Matrice 200. A replacement may be required if your XT model isn't supported. Please contact DJI Support to learn more about various XT model compatibility. The Zenmuse XT gimbal adapter and DJI Pilot app are also required when used with the Matrice 200.
- If the firmware update fails, restart the aircraft and DJI GO 4, then try updating again.

Matrice 200 Series Release Notes

Date:	2017.12.29
Aircraft Firmware:	v01.01.0500
Remote Controller Firmware:	v01.01.0002
	v02.00.0030(Cendence)
DJI GO 4 app:	iOS v4.1.20, Android v4.1.18
DJI Pilot app:	Android v0.5.1
CrystalSky Firmware:	v2.4.6.0

What's New?

• Optimization of battery level display. Be sure to update all of your batteries to the latest firmware version. **When the update is complete, take out the batteries and set them aside for 90 minutes. After 90 minutes, they will be ready to use again. Repeat the update process for additional batteries if you have multiple pairs.**

Notes:

• The Zenmuse Z30 should be updated to v01.00.00.43 before using the gimbal with this firmware.
• Only newer Zenmuse XT models are compatible with the Matrice 200. A replacement may be required if your XT model isn't supported. Please contact DJI Support to learn more about various XT model compatibility. The Zenmuse XT gimbal adapter and DJI Pilot app are also required when used with the Matrice 200.
• If the firmware update fails, restart the aircraft and DJI GO 4, then try updating again.

http://www.dji.com/matrice-200-series

Matrice 200 Series Release Notes

Date:	2017.12.04
Aircraft Firmware:	v01.01.0412
Remote Controller Firmware:	v01.01.0001 v02.00.0030 (Cendence)
DJI GO 4 app:	iOS v4.1.14, Android v4.1.14
DJI Pilot app:	Android v0.5.0
CrystalSky Firmware:	v2.4.0.0

What's New?

- Optimized compass program.

Notes:

- The Zenmuse Z30 should be updated to v01.00.00.43 before using the gimbal with this firmware.
- Only newer Zenmuse XT models are compatible with the Matrice 200. A replacement may be required if your XT model isn't supported. Please contact DJI Support to learn more about various XT model compatibility. The Zenmuse XT gimbal adapter and DJI Pilot app are also required when used with the Matrice 200.
- If the firmware update fails, restart the aircraft and DJI GO 4, then try updating again.

Matrice 200 Series Release Notes

Date:	2017.11.21
Aircraft Firmware:	v01.01.0410
Remote Controller Firmware:	v01.01.0001 v02.00.0042 (Cendence)
DJI GO 4 app:	iOS v4.1.14, Android v4.1.14
DJI Pilot app:	Android v0.5.0
CrystalSky Firmware:	v2.4.0.0

What's New?

- Optimization of aircraft control experience.
- Optimization of battery level display. Be sure to update all of your batteries to the latest firmware version.
- Fixed a gimbal self-test failure issue when updating the firmware.
- Fixed an issue where some Micro SD cards cannot read data.
- Fixed an issue where some flight data is lost.

Notes:

- The Zenmuse Z30 should be updated to v01.00.00.43 before using the gimbal with this firmware.
- Only newer Zenmuse XT models are compatible with the Matrice 200. A replacement may be required if your XT model isn't supported. Please contact DJI Support to learn more about various XT model compatibility. The Zenmuse XT gimbal adapter and DJI Pilot app are also required when used with the Matrice 200.
- If the firmware update fails, restart the aircraft and DJI GO 4, then try updating again.

Matrice 200 Series Release Notes

Date:	2017.09.19
Aircraft Firmware:	v01.01.0303
Remote Controller Firmware:	v01.01.0001
	v02.00.0020 (Cendence)
DJI GO 4 app:	iOS v4.1.9, Android v4.1.8
DJI Pilot app:	Android v0.3.6
CrystalSky Firmware:	v2.2.9.0

What's New?

- Optimization of gimbal control experience.
- Fixed an issue where DJI AirSense abnormally reports an improper working status when powering on the aircraft.
- Fixed an issue where there is a delay running the current firmware version in both the DJI GO 4 or DJI Pilot apps.
- Fixed an issue where the gimbal abnormally swings when powering on the aircraft.
- Fixed an issue where the gimbal and aircraft yaw do not rotate at the same speed in Follow Mode when operated by one remote controller.

Notes:

- The Zenmuse Z30 should be updated to v01.00.00.43 before using the gimbal with this firmware.
- Only newer Zenmuse XT models are compatible with the Matrice 200. A replacement may be required if your XT model isn't supported. Please contact DJI Support to learn more about various XT model compatibility. The Zenmuse XT gimbal adapter and DJI Pilot app are also required when used with the Matrice 200.
- If the firmware update fails, restart the aircraft and DJI GO 4, then try updating again.

Matrice 200 Series Release Notes

Date:	2017.06.29
Aircraft Firmware:	v01.0.0100
Remote Controller Firmware:	v01.0.0210
DJI GO 4 app:	iOS v4.1.3, Android v4.1.3
DJI Pilot app:	Android v0.3.1

What's New?

- Improved the display of flight control system parameters.
- Optimized vision system obstacle avoidance and positioning.

Notes:

- The Zenmuse Z30 should be updated to v01.00.00.37 before using the gimbal with this firmware.
- Only newer Zenmuse XT models are compatible with the Matrice 200. A replacement may be required if your XT model isn't supported. Please contact DJI Support to learn more about various XT model compatibility. The Zenmuse XT gimbal adapter and DJI Pilot app are also required when used with the Matrice 200.
- If the firmware update fails, restart the aircraft and DJI GO 4, then try updating again.
- This firmware update is NOT for the remote controller. DO NOT update your remote controller and make sure your remote controller firmware stays at v01.0.0210.