



Ronin-MX Release Notes

Date :	2016.12.29
IMU Firmware :	V 2.2
GCU Firmware :	V 1.3
ESC Firmware :	V 1.4.9.17
DJI Assistant App iOS :	V 1.1.29
DJI Assistant App Android :	V 1.1.0
PC Assistant :	V 2.4
Mac Assistant :	V 2.4
User Manual :	V 1.2

What 's New?

- Added a Panorama function when using the Ronin-MX on the ground. Panorama parameters can be set in the DJI Assistant app. (Requires the DJI Remote Start/Stop system and currently only available for DJI Assistant iOS version.)
- Added support for switching gimbal operation modes when using the Ronin-MX on Matrice 600 using the slave remote control (requires the latest Matrice 600 remote control firmware).
- Fixed an issue where the roll axis cannot be controlled precisely and reduced gimbal drift when used in Car Mode.



Ronin-MX Release Notes

Date :	2016.08.11
IMU Firmware :	V 2.1
GCU Firmware :	V 1.2
ESC Firmware :	V 1.4.9.17
DJI Assistant App iOS :	V 1.1.28
DJI Assistant App Android :	V 1.1.0
PC Assistant :	V 2.4
Mac Assistant :	V 2.4
User Manual :	V 1.2

What 's New?

- Upgraded IMU firmware to v2.1.
- Fixed intermittent control issues of Ronin-MX when using the Matrice 600 remote controller.

Ronin-MX Release Notes

Date :	2016.07.21
IMU Firmware :	V 2.0
GCU Firmware :	V 1.2
ESC Firmware :	V 1.4.9.17
DJI Assistant App iOS :	V 1.1.28
PC Assistant :	V 2.4
Mac Assistant :	V 2.4
User Manual :	V 1.2

What 's New?

IMU firmware v2.0, GCU firmware v1.2, ESC firmware v1.4.9.17, PC/Mac Assistant v2.4.

- Fixed the issue of gimbal behaving abnormally when mounting the gimbal in upright-mode with pan axis push mode enabled.
- Fixed the issue with Auto Sleep when invoked in one mode of operation but woken up in a different mode.
- Added gimbal endpoint protection. The angle between the gimbal and the aircraft 's nose will be set as the maximum selectable endpoint value to avoid cable obstruction when connecting Lightbridge 2 to the gimbal.
- Added support for the DJI A3 and Ronin-MX, and Futaba remote controllers. Program a 3 position switch on channel 7 on a Futaba remote controller to switch the gimbal from Free, Follow and FPV mode. The Ronin-MX 's landing gear protection needs to be disabled, otherwise the gimbal 's pan axis can only rotate ± 30 degrees. Toggle channel 6 switch on the Futaba remote controller to the lowest point, or toggle the FUNCTION switch on the Ronin-MX 's remote controller to the upper position to disable landing gear protection.
- Added support for upgrading ESC firmware. Improved the modulation ratio to increase motor torque output.
- Added support for upgrading Remote Start/Stop firmware.
- Added support for the DJI Focus Expansion Module.
- Fixed the issue of battery temperature being incorrectly displayed in the DJI Ronin-MX Assistant.

Notes:

- If you are upgrading the Ronin-MX on the Matrice 600, make sure to power off the Matrice 600 or disconnect the CAN cable first. Otherwise the upgrade will fail.
- Click the Default button in the DJI Ronin-MX Assistant to enable gimbal endpoint protection. The endpoint values for pan axis are -179° and 179° .