



## Ronin-M Release Notes

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Date :	2016.07.26
IMU Firmware :	V 1.4
GCU Firmware :	V 1.6
DJI Assistant App iOS :	V 1.1.28
DJI Ronin Assistant App Android :	V 1.0.7
PC Assistant	V 2.4
MAC Assistant	V 2.4
Remote Controller Firmware	V1.1.0.21
Internal Receiver Firmware	V1.1.0.15
User Manual	V 1.6

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### What 's New?

GCU firmware v1.6, PC/Mac Assistant v2.4.

- Added support for the Remote Start/Stop system.
- Fixed the issue of battery temperature being incorrectly displayed in the DJI Assistant.



## Ronin-M Release Notes

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Date :	2016.01.07
IMU Firmware :	V 1.4
GCU Firmware :	V 1.2
DJI Assistant App iOS :	V 1.1.26
DJI Ronin Assistant App Android :	V 1.0.7
PC Assistant	V 2.2
MAC Assistant	V 2.2
Remote Controller Firmware	V1.1.0.21
Internal Receiver Firmware	V1.1.0.15
User Manual	V 1.6

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### What 's New?

- Remote Controller firmware v1.1.0.21, Internal Receiver firmware v1.1.0.15, PC/Mac Assistant v2.2.
- Optimized wireless communication.

### Notes:

- Ensure that all devices, including the Ronin-M remote controller, internal receiver, thumb controller and receiver radio, are updated to the latest firmware version at the same time.



## Ronin-M Release Notes

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Date :	2015.09.28
IMU Firmware :	V 1.4
GCU Firmware :	V 1.2
DJI Assistant App iOS :	V 1.1.26
DJI Ronin Assistant App Android :	V 1.0.7
PC Assistant	V 2.0
MAC Assistant	V 2.0
User Manual	V 1.4

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### What 's New?

IMU firmware v1.4, GCU firmware v1.2, PC/Mac Assistant v2.0, DJI Assistant App v1.1.26, DJI Ronin App v1.0.7, and User Manual v1.4.

- Added support for the new Intelligent Battery (model no. 423496-1580mAh-14.4V).
- Reduced the control stick 's sensitivity interval from 100 to 1, removing jerky movements during gimbal acceleration and deceleration.
- The added Push Mode allows the tilt and pan axes to be adjusted directly by hand while the Ronin-M is turned on. This function can be enabled in the DJI Assistant app or PC/Mac Assistant.
- Increased control stick sensitivity for the roll axis by decreasing the control deadband value.
- Fixed issue of the Ronin-M not being able to force upgrade after a failed IMU upgrade.

### Notes:

- You must click the Default button in the DJI Assistant app or PC/Mac Assistant after every firmware upgrade. This will reset the gimbal parameters to their updated values.
- Do not adjust the gimbal by hand too frequently when Push Mode is enabled, or else the motors may overheat and enter Overheating Protection Mode, at which point a manual restart is required.



## Ronin-M Release Notes

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Date :	2015.08.06
IMU Firmware :	V 1.3
GCU Firmware :	V 1.1
DJI Assistant App iOS :	V 1.1.25
DJI Ronin Assistant App Android :	V 1.0.6
PC Assistant	V 1.9
MAC Assistant	V 1.9
User Manual	V 1.2

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### What 's New?

Updated the IMU firmware to v1.3, GCU firmware to v1.1 and PC/Mac Assistant firmware to v1.9.

- The gimbal now auto-calibrates the roll axis periodically in between movements to improve issues with the minor horizontal offset from extended use.
- Remapped the remote controller deadband values to increase resolution so that the gimbal will respond more noticeably for different deadband settings.
- When SmoothTrack is enabled, the gimbal will now return to its absolute central position after following a movement regardless of the deadband settings.
- Fixed issue of the Thumb Controller and Receiver firmware unable to be upgraded through the PC/Mac Assistant.



## Ronin-M Release Notes

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Date :	2015.06.04
IMU Firmware :	V 1.2
GCU Firmware :	V 1.0
DJI Assistant App iOS :	V 1.1.23
PC Assistant	V 1.7
MAC Assistant	V 1.7
User Manual	V 1.1

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### What 's New?

- Updated the PC/Mac Assistant to v1.7, which fixes the issue of the displayed firmware version not updating.



## Ronin-M Release Notes

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Date :	2015.06.03
IMU Firmware :	V 1.2
GCU Firmware :	V 1.0
DJI Assistant App iOS :	V 1.1.23
PC Assistant	V 1.6
MAC Assistant	V 1.6
User Manual	V 1.1

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### What 's New?

- Updated the IMU firmware to v1.2 which enhances the overheating protection function of the motors.



## Ronin-M Release Notes

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Date :	2015.04.30
IMU Firmware :	V 1.0
GCU Firmware :	V 1.0
DJI Assistant App iOS :	V 1.1.23
PC Assistant	V 1.6
MAC Assistant	V 1.6
User Manual	V 1.0

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### Functions:

- Three Operation Modes
  - Underslung Mode
  - Upright Mode
  - Briefcase Mode
- Built-in, Independent IMU Module
- DJI Specialized Gimbal Drive Motors with Encoders
- Bluetooth Module
- USB Connection
- 2.4 GHz Receiver
- Temperature Sensor
- DJI Advanced 32-Bit DSP Processor
- D-Bus Receiver Supported