Ronin-M Release Notes

Date: 2017.07.12

IMU Firmware: V 1.4
GCU Firmware: V 1.7
DJI Assistant App iOS: V 1.1.28
DJI Ronin Assistant App Android: V 1.0.7
PC Assistant: V 2.5
MAC Assistant: V 2.5
Remote Controller Firmware: V1.1.0.21
Internal Receiver Firmware: V1.1.0.15
User Manual: V 1.6

What’s New?

GCU firmware v1.7, PC/Mac Assistant v2.5.

- Added support for Remote Start/Stop firmware updating.
- Added Thumbwheel support.
Ronin-M Release Notes

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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

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

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

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

What’s New?


- 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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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

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

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

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

What’s New?

• Updated the IMU firmware to v1.2 which enhances the overheating protection function of the motors.
Ronin-M Release Notes

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

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