



Ronin-SC Release Notes

Date:	2020.06.10
Firmware:	v1.5.0.40
DJI Ronin App iOS:	v1.2.8
DJI Ronin App Android:	v1.2.8
User Manual:	v1.2

What's New?

- Added photo capture, video recording, autofocus, and focus pull support for Fujifilm X-T4 cameras with supported X mount lenses using the Multi-Camera Control Cable (Type-C). Requires Fujifilm X-T4 firmware v1.0 or later. To use autofocus on the Fujifilm X-T4, press halfway down on the camera control button of the gimbal. Note that the camera is unable to auto focus in video recording mode.
- Added photo capture, video recording, and autofocus for Fujifilm X-T4 and x100v cameras using the Camera Control Cable (RSS-F). To use autofocus, press halfway down on the camera control button of the gimbal.
- Added photo capture, video recording, autofocus, and focus pull support for Canon EOS 90D cameras with supported EF mount lenses using the Multi-Camera Control Cable (Type-C+Type-C to Micro USB). To use autofocus on the Canon EOS 90D, press halfway down on the camera control button of the gimbal.
- Fixed issue: Gimbal did not follow the preset path when using Track in Underslung mode.
- Optimized gimbal performance when the deadband is set to low.

Notes:

- Update the firmware through the DJI Ronin app. Make sure that the DJI Ronin app is the latest version when updating the firmware.
- If Ronin-SC has a camera attached and is turned on while updating the firmware, make sure to protect the camera and lens, as the motors will shut off during the update.
- If the firmware update fails, restart Ronin-SC and retry.



Ronin-SC Release Notes

Date:	2020.01.09
Firmware:	v1.4.0.30
DJI Ronin App iOS:	v1.2.8
DJI Ronin App Android:	v1.2.8
User Manual:	v1.2

What's New?

- Added Focus Control in Create page of Ronin app (requires Ronin app v1.2.8 or later).
- Added video recording and focus pull support for Fujifilm X-T3 cameras with supported X mount lenses using the Multi-Camera Control Cable (Type-C). Requires Fujifilm X-T3 firmware v3.1.0 or later. Note that the camera is unable to auto focus in video recording mode.
- Added photo capture, video recording, autofocus, and focus pull support for Canon EOS M6 Mark II cameras with supported EF-M mount lenses using the Multi-Camera Control Cable (Type-C). To use autofocus on the Canon EOS M6 Mark II, press halfway down on the camera control button of the gimbal.
- Fixed issue: unable to take photos after pressing halfway down on the camera control button of the gimbal when using the Camera Control Cable (RSS-F) with Fujifilm XT20 cameras.
- Fixed issue: the focus wheel experienced motor interference when the zoom speed was fast when using the Camera Control Cable (Multi) with Sony cameras.

Notes:

- Update the firmware through the DJI Ronin app. Make sure that the DJI Ronin app is the latest version when updating the firmware.
- If Ronin-SC has a camera attached and is turned on while updating the firmware, make sure to protect the camera and lens, as the motors will shut off during the update.
- If the firmware update fails, restart Ronin-SC and retry.



Ronin-SC Release Notes

Date:	2019.11.19
Firmware:	v1.3.0.20
DJI Ronin App iOS:	v1.2.6
DJI Ronin App Android:	v1.2.6
User Manual:	v1.2

What's New?

- Added ability to create a Motionlapse through photo capture during ActiveTrack in the Ronin app. During Motionlapse capture of a faraway subject such as a building, keep the subject in the same position of the frame during the shot (requires Ronin app v1.2.6 or higher).
- Added parameter saving feature for the Focus Motor. Calibrating the Focus Motor is not required every time it is powered on, unless you have moved the position of the Focus Motor. Make sure to update the latest firmware for both the Focus Motor and Focus Wheel.
- Added photo capture, video recording, autofocus, and focus pull support for Nikon Z50 cameras with supported Nikkor lenses using the Multi-Camera Control Cable (Type-C) with the Multi-Camera Control Adapter (Type-C to Micro USB). To use autofocus on the Nikon Z50, press halfway down on the gimbal's camera control button.
- Added photo capture, video recording, and autofocus for Panasonic G95 cameras using a RSS control cable for Panasonic (RSS-P). To use autofocus on the Panasonic G95, press halfway down on the gimbal's camera control button.
- Added support for using PS4 DualShock and Xbox controllers to control the gimbal and camera. Photo capture, video recording, focus, zoom, profile switch, and gimbal movements can be controlled after connecting the controller to the mobile device and gimbal. Enter the Ronin app and select Create, and then open and stay on the Gaming Controller screen when using the PS4 DualShock controller or Xbox controller to control the gimbal. The speed and smoothness of the control sticks can be adjusted. Set the focus value within 10 for optimal performance. iOS 13 or higher, Android 9.0 or higher, and Ronin app v1.2.6 or higher are required.

In order to control the gimbal, connect the PS4 DualShock controller or Xbox controller to the mobile device via Bluetooth. Follow the steps below for Bluetooth connection:

When using a PS4 DualShock controller,

- a. Press and hold the power button and the Share button simultaneously. Release them when the indicator on the controller flashes quickly.
- b. Enable Bluetooth on the mobile device and select DualShock controller.

When using a Xbox controller,

- a. Power on the controller, and press and hold the connect button for three seconds.
- b. Enable the Bluetooth in the mobile device and select Xbox controller.



Ronin-SC Release Notes

Notes:

- a. If the gaming controller is connected to a mobile device, press the power button and the controller will automatically connect to the mobile device if the Bluetooth is disconnected. If the gaming controller and the mobile device cannot reconnect, unpair the device on the mobile device and try again.
 - b. If the PS4 DualShock controller is connected to a mobile device and needs to be connected to a PS4 console, use the USB Cable to reconnect the PS4 controller and the PS4. If the Xbox controller is connected to a mobile device and needs to be reconnected to an Xbox console, use the USB cable or press and hold the power button and the connect button simultaneously to connect the Xbox controller and the Xbox console.
- Fixed issue: zoom settings on Sony cameras could not be saved after rebooting the gimbal.
 - Fixed issue: focus control failed for Canon EOS series cameras.

Notes:

- Update the firmware through the DJI Ronin app. Make sure that the DJI Ronin app is the latest version when updating the firmware.
- If Ronin-SC has a camera attached and is turned on while updating the firmware, make sure to protect the camera and lens, as the motors will shut off during the update.
- If the firmware update fails, restart Ronin-SC and retry.



Ronin-SC Release Notes

Date:	2019.09.26
Firmware:	v1.2.0.10
DJI Ronin App iOS:	v1.2.4
DJI Ronin App Android:	v1.2.4
User Manual:	v1.2

What's New?

- Added video recording, autofocus, and focus pull support for Sony A7R4 cameras with supported E-mount lenses using a Multi-Camera Control Cable (Type-C). To use autofocus on the Sony A7R4, press halfway down on the camera control button of the gimbal.
- Added photo capture, video recording, zoom, and focus pull support for Sony A7R4 cameras using a Multi-Camera Control Cable (Multi USB). To use autofocus on the Sony A7R4, press halfway down on the camera control button of the gimbal.
- Added photo capture, video recording, and autofocus for Fujifilm X-H1, X-T2, X-T3, X-T20, X-T30, X-E3 cameras using a Fujifilm camera control cable (RSS-F).
- Added a quick switching function to Portrait mode. Press M button twice to enter/exit Portrait mode. Portrait mode requires using Ronin-SC in Flashlight mode and the joystick control is not available. Portrait mode can be disabled on the Ronin app Status page (requires Ronin app v1.2.4 or later). Note that the tilt axis will rotate 90° when switched to Portrait mode. Make sure the camera will not collide with the gimbal.
- Added Force Mobile when using with the Android version of the Ronin app (requires Ronin app v1.2.4 or later).
- Added disable 3D Roll 360 feature in the Ronin app (requires Ronin app v1.2.4 or later).
- Fixed issue where the roll axis occasionally drifts after exiting sleep mode.
- Optimized zoom adjustment when using a Sony camera's multi-port with a power zoom lens. The zoom speed can be set from 1 to 100 (requires DJI Ronin app v1.2.4 or later).

Notes:

- Update the firmware through the DJI Ronin app. Make sure that the DJI Ronin app is the latest version when updating the firmware.
- If Ronin-SC has a camera attached and is turned on while updating the firmware, make sure to protect the camera and lens, as the motors will shut off during the update.
- If the firmware update fails, restart Ronin-SC and retry.



Ronin-SC Release Notes

Date:	2019.08.28
Firmware:	v1.1.0.0
DJI Ronin App iOS:	v1.2.2
DJI Ronin App Android:	v1.2.2
User Manual:	v1.0

What's New?

- Added video recording, autofocus, and focus pull support for Sony A6000 cameras with supported E-mount lenses using a Multi-Camera Control Cable (Type-C) with a Multi-Camera Control Adapter (Type-C to Micro USB). To use autofocus on the Sony A6000, press halfway down on the camera control button of the gimbal.
- Added photo capture, video recording, autofocus, and focus pull support for Canon EOS RP cameras with supported RF mount lenses using Multi-Camera Control Cable (Type-C). To use autofocus on the Canon EOS RP, press halfway down on the camera control button of the gimbal.
- Added Advanced Calibration feature. If the roll axis drifts after recentering the gimbal, enter the DJI Ronin app then System Status and select Advanced Calibration to fix the issue (requires DJI Ronin app v1.2.2 or later).
- Added support for Ronin-S Command Unit.
- Added support for Ronin 2 Remote Controller. The DJI Pro Wireless Receiver and Ronin-MX/S CAN Cable are required to use the Ronin 2 Remote Controller with Ronin-SC. Note that the mode switch feature is not currently available (requires Ronin 2 Remote Controller firmware v1.4.0.30 and DJI Pro Wireless Receiver firmware v1.2.0.10).
- Added quick switch to 3D Roll 360 mode. Press the M button three times to enter, and press three times again to exit.
- Added Auto 3D Roll 360. When the gimbal is in 3D Roll 360 mode, push the joystick left or right twice to enable Auto 3D Roll 360. The gimbal rotates continuously without needing to hold the joystick. Press the trigger twice to stop Auto 3D Roll 360.
- Added motor overload warning prompt in the DJI Ronin app. The warning prompt appears once the power of any axis exceeds 100. If this occurs, check if the camera is properly balanced and make sure the gimbal axis locks are in the unlocked position (requires DJI Ronin v1.2.2 app or later).
- Optimized 3D Roll 360.
- Optimized autofocus for Sony cameras. When the camera is in AF mode, press halfway on the camera control button to focus and release to stop focus.
- Optimized focus for Canon, Sony, Nikon, and Panasonic cameras. The focus speed can be set from 1 to 100, replacing the previous settings of Slow, Medium, and Fast (requires DJI Ronin v1.2.2 app or later).
- When using Sony, Nikon, and Fujifilm cameras, press the Ronin-SC's power button once to disable the USB connection so that playback can be viewed and camera parameters can be set. Press again to enable the USB connection.

Notes:

<http://www.dji.com/ronin-sc>



Ronin-SC Release Notes

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- If Ronin-SC has a camera attached and is turned on while updating the firmware, make sure to protect the camera and lens as the motors will shut off during the update.
- If the firmware update fails, restart Ronin-SC and retry.