DJI RS 2 Release Notes

Date:	2020.11.25
Firmware:	v01.02.00.30
RavenEye Firmware:	v01.01.00.10
DJI Ronin App iOS:	v1.4.4
DJI Ronin App Android:	v1.4.4
User Manual:	v1.0

What's New?

- Added support for DJI Ronin 3D Focus System when DJI RS 2 is used with the DJI Ronin Focus Motor, which enables auto focus for manual lenses. Visit the DJI online store to purchase the DJI Ronin 3D Focus System at: https://store.dji.com/product/ronin-3d-focus-system

- Added Dolly Zoom. To use this feature, the DJI RS 2 must be used with the DJI Ronin Focus Motor. The distance and duration from point A to B can be set on the focus motor.

- Added video recording, camera settings, autofocus, and focus pull support for Sony A7S III and A7C cameras with supported Sony E mount lenses using a Multi-Camera Control Cable (USB-C). To use autofocus on the Sony A7S III and A7C cameras, press halfway down on the camera control button of the gimbal.

- Added video recording and zoom for Sony PXW-Z90V and FDR-AX100E cameras using a Multi-Camera Control Cable (Multi USB).

- Added photo capture, video recording, camera settings, autofocus, and focus pull support for Nikon Z6 II and Z7 II cameras with supported Nikkor lenses using a Multi-Camera Control Cable (USB-C). To use autofocus on the Nikon Z6 II and Z7 II, press halfway down on the camera control button of the gimbal.

- Added photo capture, video recording, camera settings, autofocus, and focus pull support for Nikon D500 cameras with supported Nikkor lens using a Multi-Camera Control Cable (Micro-USB). To use autofocus on the Nikon D500, press halfway down on the camera control button of the gimbal.

- Added photo capture, video recording, camera settings, autofocus, and focus pull support for Canon EOS-1D X cameras with supported EF mount lenses using the Multi-Camera Control Cable (Mini-USB). To use autofocus on the Canon EOS-1D X, press halfway down on the camera control button of the gimbal.

- Added video recording for Canon EOS C70 cameras using the Multi-Camera Control Cable (USB-C).

- Added photo capture, video recording, camera settings, autofocus, and focus pull support for Panasonic Lumix S5 cameras with supported L-mount lens using a Multi-Camera Control Cable (USB-C). To use autofocus on the Panasonic Lumix S5, press halfway down on the camera control button of the gimbal.

- Added video recording, camera settings, autofocus, and focus pull support for Panasonic Lumix BGH1 cameras with supported Micro 4/3 mount lenses using a Multi-Camera Control Cable (USB-C). To use autofocus on the Panasonic Lumix BGH1, press halfway down on the camera control button of the gimbal.

- Added aperture settings for Olympus E-M1 II cameras.

- Added ability to rotate screen. To rotate the screen, swipe left on the touchscreen and swipe up to enter More settings.

- Added ability to trigger ActiveTrack by dragging a box around the subject on the touchscreen.

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- Optimized touchscreen response and added ability to disable tilt axis follow when in ActiveTrack. After disabling tilt axis follow, the tilt axis will remain at the current angle and will not follow the subject.
- Added ability to atuo calibrate and delete endpoints for the focus motor. Swipe left on the touchscreen and swipe up to enter the endpoint settings for the focus motor.
- Added gimbal control, photo capture, video recording, parameter settings, recenter, and selfie mode switch for the Futaba S.BUS remote controller (tested with a Futaba T14SG and R7008SB receiver).
- Added ability to access camera settings for DJI RavenEye Image Transmission System by connecting the camera using a camera control cable.
- Optimized power management for DJI RavenEye Image Transmission System, increasing the runtime of both the transmission system and gimbal.
- Optimized touchscreen UI.
- Optimized the DJI RavenEye Image Transmission System connection experience by removing the default password 12345678. After linking via the system's Wi-Fi, a password must be set in the DJI Ronin app. The password must be 8 characters long and consist of letters and numbers.
- Fixed occasional issue: when using with the BMPCC 4K camera, the gimbal axes failed to stabilize when changing the frame rate during recording.
- Fixed issues: Nikon Z5, D780, and D5 cameras could not display the liveview on a camera, mobile device, or gimbal after connecting to RavenEye.
- Fixed occasional issue: when using the Panasonic GH5, GH5S, S1, S1H, and G9, the gimbal failed to control the camera after hot plugging the camera control cable.
- Fixed issue: when using the Olympus E-M1 II camera, the camera restarted repeatedly and was unable take photos in AF mode after hot plugging the camera control cable.
- Fixed issue: unable to take photos in AF mode by pressing and holding the camera control button when using the Sigma FP camera.

Notes:

- Make sure that the DJI Ronin app is the latest version when updating the firmware.
- Update the firmware using the DJI Ronin app by connecting the DJI RS 2 via Bluetooth. Do not disconnect the DJI Ronin app and DJI RS 2 during the update process.
- Update the firmware for the DJI RavenEye Image Transmission System using the DJI Ronin app by connecting the RavenEye via Wi-Fi. Do not disconnect the DJI Ronin app and DJI RavenEye Image Transmission System during the update process.
- If DJI RS 2 has a camera attached and is powered on while updating the firmware, make sure to protect the camera and lens as the motors will power off during the update.
- If the firmware update fails, restart DJI RS 2 and retry.