iOS UX SDK 4.11.1 Release Notes

Release Date

2020.03.20

Highlights

- Support for iOS Mobile SDK v4.11.2
- Bug Fixes
- **Important notice about upcoming changes:** We will be releasing a new, open-source version of the UXSDK and deprecating the current closed source version later this year. In addition, the UX SDK version 5 beta 1.1 is currently open source and available for [iOS](#) and UX SDK version 5 beta 2 for [Android](#).

Supported iOS Mobile SDK

- DJI iOS Mobile SDK v4.11.2: download at https://developer.dji.com/mobile-sdk/downloads/.

iOS Compatibility

UX SDK is compatible with iOS 10.0 and above.

Supported Products

Products	* DJI Smart Controller * Matrice 200 V2 * Matrice 210 V2 * Matrice 210 RTK V2 * Phantom 4 RTK * Mavic 2 Enterprise Dual * Mavic 2 Enterprise * Mavic 2 Pro * Mavic 2 Zoom * Spark * Matrice 210 * Matrice 210RTK * Matrice 200 * Inspire 2 * Mavic Pro * Mavic Air * Phantom 4, Phantom 4 Pro & Phantom 4 Advanced, Phantom 4 Pro V2.0 * Matrice 600 & Matrice 600 Pro and RTK * Phantom 3 Standard, Advanced, 4K & Professional * Inspire 1, Inspire 1 Pro & Inspire 1 RAW * Matrice 100 with X3, X5 & X5R * Cendence
Cameras	* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S, X7 * Spark Camera * Phantom 4 Pro Camera * Mavic Pro Camera * Phantom 4 Camera * Phantom 3 Cameras * Zenmuse XT, Zenmuse XT2

Supported Firmware

- DJI Smart Controller: 01.00.0530
- Matrice 200 Series V2 and D-RTK 2: 01.00.04.50
- Phantom 4 RTK and D-RTK 2: 02.01.00.09
- Mavic 2 Enterprise Dual： 01.01.0640
- Mavic 2 Enterprise: 01.01.0640
- Mavic 2 Pro: 01.00.04.00
- Mavic 2 Zoom: 01.00.04.00
- Mavic Air: 01.00.0620

- Phantom 4 Pro V2.0: 01.00.22.00
- Zenmuse XT2: 1.0.0.6
- Spark: 01.00.1000
- Matrice 200 series: 01.02.0450
- Phantom 4 Advanced: 01.04.01.00
- Inspire 2: 01.02.0300
- Phantom 4 Pro: 01.05.0600
- Zenmuse Z30: 01.00.01.20
- Mavic Pro: 01.04.0500
- Matrice 600 Pro: 01.00.01.67
- Matrice 600 and RTK: 01.00.01.67
- Phantom 4: 02.00.0700
- Zenmuse XT: 01.31.00.60
- Zenmuse Z3: 1.11.01.50
- Inspire 1 series: 1.11.01.50
- Phantom 3 Professional & Advanced: 1.11.20
- Phantom 3 Standard: 1.9.20
- Phantom 3 4K: 1.6.50
- Matrice 100: 1.3.1.82

Bug Fixes:

- **Camera Settings photo color selects the wrong option:** Fixed.
- **Exposure settings may not show EV value in manual mode:** Fixed.
- **Tapping FPV for Auto Focus will stop working after a couple tries:** Fixed.

Known Issues

- [OLD]**Distortion Calibration:** Distortion calibration is currently not supported in UXSDK. Support will be added in a future release.
- [OLD]**Mavic 2 Remote Control:** The Mavic 2 series (Mavic 2 Pro, Mavic 2 Zoom, and Mavic 2 Enterprise) allows developers to customize the behavior of the photo and video buttons on the RC. UXSDK does not currently give these buttons a default behavior. Using the buttons to take a picture or video using the RC while connected to UXSDK will not work by default. The developer must assign a behavior for them to work.
- [OLD]**Map Widget Tap To Unlock:** Some polygon zones may not support the tap to unlock feature in the map widget.
- [OLD]**Z30 Video Rendering:** On some iOS devices the Z30 may not properly render the video feed on the main FPV view on M210 with dual-gimbals. As a workaround use the built-in PIP view inside the default layout to observe the Z30 video feed.
- [OLD]**M210 RTK Panel:** The M210 RTK panel may not come up when the GPS signal widget is

tapped when on M210 RTK. As a workaround, call setRTKEnabled: in DJIRTK. Upon success, tapping on the GPS signal widget should then display the RTK panel.

iOS UX SDK 4.11 Release Notes

Release Date

2019.09.23

Highlights

- Support for iOS Mobile SDK v4.11
- **Important notice about upcoming changes:** We will be releasing a new, open-source version of the UXSDK and deprecating the current closed source version later this year. In addition, the UX SDK version 5 beta 1 is currently open source and available for both [iOS](#) and [Android](#).

Supported iOS Mobile SDK

- DJI iOS Mobile SDK v4.11: download at https://developer.dji.com/mobile-sdk/downloads/.

iOS Compatibility

UX SDK is compatible with iOS 10.0 and above.

Supported Products

Products	* Matrice 200 V2 * Matrice 210 V2 * Matrice 210 RTK V2 * Phantom 4 RTK * Mavic 2 Enterprise, Mavic 2 Enterprise Dual * Mavic 2 Pro * Mavic 2 Zoom * Spark * Matrice 210 * Matrice 210RTK * Matrice 200 * Inspire 2 * Mavic Pro * Mavic Air * Phantom 4, Phantom 4 Pro & Phantom 4 Advanced, Phantom 4 Pro V2.0 * Matrice 600 & Matrice 600 Pro, RTK and Ronin MX * Phantom 3 Standard, Advanced, 4K & Professional * Inspire 1, Inspire 1 Pro & Inspire 1 RAW * Matrice 100 with X3, X5 & X5R * Lightbridge 2 with A2 * Lightbridge 2 with standalone A3 or N3 * Focus * N1 Video Encoder * Cendence
Cameras	* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S, X7 * Zenmuse XT, Zenmuse XT2

Supported Firmware

- Matrice 200 Series V2 and D-RTK 2: 01.00.0590
- Phantom 4 RTK: 02.02.00.11 and D-RTK 2: 02.02.00.14
- Mavic 2 Enterprise Dual: 01.01.0520
- Mavic 2 Enterprise: 01.01.0520
- Mavic 2 Pro: 01.00.0510
- Mavic 2 Zoom: 01.00.0510
- Mavic Air: 01.00.0620
- Phantom 4 Pro V2.0: 01.00.22.00
- Zenmuse XT2: 01.00.00.20
- Spark: 01.00.1000
- Matrice 200 series: 01.02.0301

- Phantom 4 Advanced: 01.04.01.00
- Inspire 2: 01.02.0300
- Phantom 4 Pro: 01.05.0600
- Zenmuse Z30: 01.00.01.20
- N3: 1.7.7.0
- Mavic Pro: 01.04.0500
- Matrice 600 Pro: 01.00.01.67
- Matrice 600, RTK and Ronin MX: 01.00.01.67
- Phantom 4: 02.00.0700
- Zenmuse XT: 01.31.00.60
- Zenmuse Z3: 1.11.01.50
- Inspire 1 series: 1.11.01.50
- Phantom 3 Professional & Advanced: 1.11.20
- Phantom 3 Standard: 1.9.20
- Phantom 3 4K: 1.6.50
- Matrice 100: 01.31.00.60
- Lightbridge 2: 1.1.70
- A3: 1.7.7.0

Known Issues

- **Distortion Calibration:** Distortion calibration is currently not supported in UXSDK. Support will be added in a future release.
- **Mavic 2 Remote Control:** The Mavic 2 series (Mavic 2 Pro, Mavic 2 Zoom, and Mavic 2 Enterprise) allows developers to customize the behavior of the photo and video buttons on the RC. UXSDK does not currently give these buttons a default behavior. Using the buttons to take a picture or video using the RC while connected to UXSDK will not work by default. The developer must assign a behavior for them to work.
- **Map Widget Tap To Unlock:** Some polygon zones may not support the tap to unlock feature in the map widget.
- **Z30 Video Rendering:** On some iOS devices the Z30 may not properly render the video feed on the main FPV view on M210 with dual-gimbals. As a workaround use the built-in PIP view inside the default layout to observe the Z30 video feed.
- **M210 RTK Panel:** The M210 RTK panel may not come up when the GPS signal widget is tapped when on M210 RTK. As a workaround, call setRTKEnabled: in DJIRTK. Upon success, tapping on the GPS signal widget should then display the RTK panel.

iOS UX SDK 4.10 Release Notes

Release Date

2019.05.14

Highlights

- Support for iOS Mobile SDK v4.10
- Matrice 200 Series V2 support
- **Important notice about upcoming changes:** We're going to be releasing a new, open-source version of the UXSDK and deprecating this closed source version later this year.

Supported iOS Mobile SDK

- DJI iOS Mobile SDK v4.10: download at https://developer.dji.com/mobile-sdk/downloads/.

iOS Compatibility

UX SDK is compatible with iOS 9.0 and above.

Supported Products

Products	* Matrice 200 Series V2 * Phantom 4 RTK * Mavic 2 Enterprise, Mavic 2 Enterprise Dual * Mavic 2 Pro * Mavic 2 Zoom * Spark * Matrice 210 * Matrice 210RTK * Matrice 200 * Inspire 2 * Mavic Pro * Mavic Air * Phantom 4, Phantom 4 Pro & Phantom 4 Advanced, Phantom 4 Pro V2.0 * Matrice 600 & Matrice 600 Pro, RTK and Ronin MX * Phantom 3 Standard, Advanced, 4K & Professional * Inspire 1, Inspire 1 Pro & Inspire 1 RAW * Matrice 100 with X3, X5 & X5R * Lightbridge 2 with A2 * Lightbridge 2 with standalone A3 or N3 * Focus * N1 Video Encoder * Payload devices * Cendence
Cameras	* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S, X7 * Zenmuse XT, Zenmuse XT2

Supported Firmware

- Matrice 200 Series V2 and D-RTK 2: 01.00.04.50
- Phantom 4 RTK and D-RTK 2: 02.01.00.09
- Mavic 2 Enterprise Dual：01.00.00.00
- Mavic 2 Enterprise: 01.00.00.00
- Mavic 2 Pro: 01.00.04.00
- Mavic 2 Zoom: 01.00.04.00
- Mavic Air: 01.00.06.20
- Phantom 4 Pro V2.0: 01.00.22.00
- Zenmuse XT2: 01.00.00.20
- Spark: 01.00.1000
- Matrice 200 series: 01.02.03.01
- Phantom 4 Advanced: 01.04.01.00

- Inspire 2: 01.02.03.00
- Phantom 4 Pro: 01.05.06.00
- Zenmuse Z30: 1.00.01.20
- N3: 01.07.06.00
- Mavic Pro: 01.04.05.00
- Matrice 600 Pro: 01.00.01.67
- Matrice 600, RTK and Ronin MX: 01.00.01.67
- Phantom 4: 02.00.07.00
- Zenmuse XT: 01.31.00.60
- Zenmuse Z3: 01.11.01.50
- Inspire 1 series: 1.11.01.50
- Phantom 3 Professional & Advanced: 1.11.20
- Phantom 3 Standard: 1.9.20
- Phantom 3 4K: 1.6.50
- Matrice 100: 1.3.1.82
- Lightbridge 2: 1.1.70
- A3: 1.7.7.0

Known Issues

- **Distortion Calibration:** Distortion calibration is currently not supported in UXSDK. Support will be added in a future release.
- **Mavic 2 Remote Control:** The Mavic 2 series (Mavic 2 Pro, Mavic 2 Zoom, and Mavic 2 Enterprise) allows developers to customize the behavior of the photo and video buttons on the RC. UXSDK does not currently give these buttons a default behavior due to which clicking a picture or taking a video using the RC while connected to UXSDK will not work by default if the developer does not assign a behavior to it.
- **Map Widget Tap To Unlock:** Some polygon zones may not support the tap to unlock feature in the map widget.
- **Z30 Video Rendering:** On some iOS devices the Z30 may not properly render the video feed on the main FPV view on M210 with dual-gimbals. As a workaround use the built-in PIP view inside the default layout to observe the Z30 video feed.
- **M210 RTK Panel:** The M210 RTK panel may not come up when the GPS signal widget is tapped when on M210 RTK. As a workaround, call setRTKEnabled: in DJIRTK. Upon success, tapping on the GPS signal widget should then display the RTK panel.

iOS UX SDK 4.9 Release Notes

Release Date

2019.01.25

Highlights

- Support for iOS Mobile SDK v4.9
- Mavic 2 Enterprise Dual support
- P4R support

Supported iOS Mobile SDK

- DJI iOS Mobile SDK v4.9: download at https://developer.dji.com/mobile-sdk/downloads/.

iOS Compatibility

UX SDK is compatible with iOS 9.0 and above.

Supported Products

Products	* Phantom 4 RTK * Mavic 2 Enterprise Dual * Mavic 2 Enterprise * Mavic 2 Pro * Mavic 2 Zoom * Spark * Matrice 210 * Matrice 210RTK * Matrice 200 * Inspire 2 * Mavic Pro * Mavic Air * Phantom 4, Phantom 4 Pro & Phantom 4 Advanced, Phantom 4 Pro V2.0 * Matrice 600 & Matrice 600 Pro, RTK and Ronin MX * Phantom 3 Standard, Advanced, 4K & Professional * Inspire 1, Inspire 1 Pro & Inspire 1 RAW * Matrice 100 with X3, X5 & X5R * Lightbridge 2 with A2 * Lightbridge 2 with standalone A3 or N3 * Focus * N1 Video Encoder * Cendence
Cameras	* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S, X7 * Spark Camera * Phantom 4 Pro Camera * Mavic Pro Camera * Phantom 4 Camera * Phantom 3 Cameras * Zenmuse XT, Zenmuse XT2

Supported Firmware

- Phantom 4 RTK: 01.07.0116
- D-RTK 2: 01.07.0116
- Mavic 2 Enterprise Dual：01.00.0000
- Mavic 2 Enterprise: 01.00.0000
- Mavic 2 Pro: 01.00.0100
- Mavic 2 Zoom: 01.00.0100
- Mavic Air: 01.00.0500
- Phantom 4 Pro V2.0: 01.00.2200

- Zenmuse XT2: 1.0.0.6
- Spark: 01.00.1000
- Matrice 200 series: 01.02.0301
- Phantom 4 Advanced: 01.00.0128
- Inspire 2: 01.02.0301
- Phantom 4 Pro: 01.05.0600
- Z30: 1.0.0.47
- N3: 1.7.6.0
- Mavic Pro: 01.04.0500
- Matrice 600 Pro: 1.0.1.66
- Matrice 600, RTK and Ronin MX: 1.0.1.65
- Phantom 4: 02.00.0700
- Zenmuse XT: 1.31.0.00
- Zenmuse Z3: 1.11.01.50
- Inspire 1 series: 1.11.01.50
- Phantom 3 Professional & Advanced: 1.11.20
- Phantom 3 Standard: 1.9.20
- Phantom 3 4K: 1.6.50
- Matrice 100: 1.3.1.82
- Lightbridge 2: 1.1.70
- A3: 1.7.7.0

Bug Fixes

- **Camera Settings Shoot Photo Mode:** On products that support panorama shoot photo mode, the camera settings shoot photo mode menu may display incorrect or partially missing settings options. This issue only occurs on iPhones.
- **XT2 Camera Settings:** When using the XT2 camera, the camera settings menu may not accurately reflect and control XT2 settings.
- **Inspire 2 SSD Mode:** When Inspire 2 SSD mode is enabled, the camera settings video resolution and frame rate panel may not accurately reflect the resolution and frame rate of the aircraft.

Known Issues

- **Mavic 2 Remote Control:** The Mavic 2 series (Mavic 2 Pro, Mavic 2 Zoom and Mavic 2 Enterprise) allows developers to customize the behaviour of the photo and video buttons on the RC. UXSDK does not currently give these buttons a default behaviour due to which clicking a picture or taking a video using the RC while connected to UXSDK will not work by default if the developer does not assign a behaviour to it.
- **Distortion Calibration:** Distortion calibration is currently not supported in UXSDK. Support will be added in a future release.

iOS UX SDK 4.8.1 Release Notes

Release Date

2018.11.18

Bug Fixes

- **Header issue fixed:** The umbrella header now contains all public headers in UXSDK.

iOS UX SDK 4.8 Release Notes

Release Date

2018.10.29

Supported iOS Mobile SDK

- DJI iOS Mobile SDK v4.8.1: download at https://developer.dji.com/mobile-sdk/downloads/.

Highlights

- Mavic 2 Pro and Mavic 2 Zoom support
- Mavic 2 Enterprise support, including widget and panel managing the access locker; widgets and panels for beacon, spotlight, and speaker accessories.
- Panorama, hyperlight and EHDR (enhanced HDR) shoot photo mode support added.
- Support for VPS (visual positioning system) in the dashboard widget.
- Video recording anti-flicker settings panel now available in camera settings.
- Internal storage mode panel now available in camera settings.

Supported iOS Mobile SDK

- DJI iOS Mobile SDK v4.8: download at https://developer.dji.com/mobile-sdk/downloads/.

iOS Compatibility

UX SDK is compatible with iOS 9.0 and above.

Supported Products

Products	* Mavic 2 Enterprise * Mavic 2 Pro * Mavic 2 Zoom * Spark * Matrice 210 * Matrice 210RTK * Matrice 200 * Inspire 2 * Mavic Pro * Mavic Air * Phantom 4, Phantom 4 Pro, Phantom 4 Pro V2.0 & Phantom 4 Advanced * Matrice 600 & Matrice 600 Pro, RTK and Ronin MX * Phantom 3 Standard, Advanced, 4K & Professional * Inspire 1, Inspire 1 Pro & Inspire 1 RAW * Matrice 100 with X3, X5 & X5R * Lightbridge 2 with A2 * Lightbridge 2 with standalone A3 or N3 * Focus * N1 Video Encoder * Cendence
Cameras	* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S * Spark Camera * Phantom 4 Pro Camera * Mavic Pro Camera * Phantom 4 Camera * Phantom 3 Cameras * Zenmuse XT * Zenmuse XT2

Supported Firmware

- Mavic 2 Enterprise: 00.01.0300
- Mavic 2 Pro: 01.00.0100
- Mavic 2 Zoom: 01.00.0100
- Mavic Air: 01.00.0500
- Spark: 01.00.1000

- Matrice 200 series: 01.01.0913
- Phantom 4 Advanced: 01.00.0128
- Inspire 2: 01.02.0300
- Phantom 4 Pro: 01.05.0600
- Z30: 1.0.0.47
- N3: 1.7.1.5
- Mavic Pro: 01.04.0500
- Matrice 600 Pro: 1.0.1.66
- Matrice 600, RTK and Ronin MX: 1.0.1.65
- Phantom 4: 02.00.0700
- Zenmuse XT: 1.31.0.00
- Zenmuse Z3: 1.11.01.50
- Inspire 1 series: 1.11.01.50
- Phantom 3 Professional & Advanced: 1.11.20
- Phantom 3 Standard: 1.9.20
- Phantom 3 4K: 1.6.50
- Matrice 100: 1.3.1.0
- Lightbridge 2: 1.1.60
- A3: 1.7.1.5
- Phantom 4 Pro V2.0: 01.00.2200
- Zenmuse XT2: 1.0.0.6

Bug Fixes

- **New DUX prefix:** If upgrading from 4.4, all class names will need to be renamed to match the new DUX prefix.
- **Better multiple camera support:** Support for dual-gimbal M210 has been improved inside the default layout.

Known Issues

- **Camera Settings Shoot Photo Mode:** On products that support panorama shoot photo mode, the camera settings shoot photo mode menu may display incorrect or partially missing settings options. This issue only occurs on iPhones.
- **XT2 Camera Settings:** When using the XT2 camera, the camera settings menu may not accurately reflect and control XT2 settings.
- **Mavic 2 Remote Control:** The Mavic 2 series (Mavic 2 Pro, Mavic 2 Zoom and Mavic 2 Enterprise) allows developers to customize the behaviour of the photo and video buttons on the RC. UXSDK does not currently give these buttons a default behaviour due to which clicking a picture or taking a video using the RC while connected to UXSDK will not work by default if the developer does not assign a behaviour to it.

- **Distortion Calibration:** Distortion calibration is currently not supported in UXSDK. Support will be added in a future release.
- **Inspire 2 SSD Mode:** When Inspire 2 SSD mode is enabled, the camera settings video resolution and frame rate panel may not accurately reflect the resolution and frame rate of the aircraft.

iOS UX SDK 4.7.1 Release Notes

Release Date

2018.09.04

Highlights

- Support for iOS Mobile SDK v4.7.1

iOS UX SDK 4.7 Release Notes

Release Date

2018.8.23

Highlights

- Support for iOS Mobile SDK v4.7
- FlySafe features such as self-unlock and custom unlock have been added to MapWidget. User can also customize the color of each flyzone type.
- MapWidget now has login state.
- Preflight Checklist now exposes remaining SD card error and slow SD card error.
- User can now enable/disable FPV items such as Grids, Histogram, Radar, and ColorWaveform.
- Bug fixes

Supported iOS Mobile SDK

- DJI iOS Mobile SDK v4.7: download at https://developer.dji.com/mobile-sdk/downloads/.

iOS Compatibility

UX SDK is compatible with iOS 9.0 and above.

Supported Products

Products	* Spark * Matrice 210 * Matrice 210RTK * Matrice 200 * Inspire 2 * Mavic Pro * Mavic Air * Phantom 4, Phantom 4 Pro & Phantom 4 Advanced * Matrice 600 & Matrice 600 Pro, RTK and Ronin MX * Phantom 3 Standard, Advanced, 4K & Professional * Inspire 1, Inspire 1 Pro & Inspire 1 RAW * Matrice 100 with X3, X5 & X5R * Lightbridge 2 with A2 * Lightbridge 2 with standalone A3 or N3 * Focus * N1 Video Encoder * Cendence
Cameras	* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S * Spark Camera * Phantom 4 Pro Camera * Mavic Pro Camera * Phantom 4 Camera * Phantom 3 Cameras * Zenmuse XT

Supported Firmware

- Mavic Air: 01.00.0300
- Spark: 01.00.0900
- Matrice 200 series: 01.01.0600
- Phantom 4 Advanced: 01.00.0128
- Inspire 2: 01.01.0300
- Phantom 4 Pro: 01.05.0600
- Z30: 1.0.0.47
- N3: 1.7.1.5
- Mavic Pro: 01.04.0300
- Matrice 600 Pro: 1.0.1.65
- Matrice 600, RTK and Ronin MX: 1.0.1.65
- Phantom 4: 02.00.0700
- Zenmuse XT: 1.31.0.00

- Zenmuse Z3: 1.11.01.50
- Inspire 1 series: 1.11.01.50
- Phantom 3 Professional & Advanced: 1.11.20
- Phantom 3 Standard: 1.9.20
- Phantom 3 4K: 1.6.50
- Matrice 100: 1.3.1.0
- Lightbridge 2: 1.1.60
- A3: 1.7.1.5

Known Issues

- **New DUX prefix:** If upgrading from 4.4, all class names will need to be renamed to match the new DUX prefix.
- **GridMode scaling:** GridMode may not scale properly with some aspect ratios.

iOS UX SDK 4.6 Release Notes

Release Date

2018.6.29

Highlights

- Support for iOS Mobile SDK v4.6
- New color waveform widget
- Bug fixes

Supported iOS Mobile SDK

- DJI iOS Mobile SDK v4.6: download at https://developer.dji.com/mobile-sdk/downloads/.

iOS Compatibility

UX SDK is compatible with iOS 9.0 and above.

Supported Products

Products	* Spark
	* Matrice 210
	* Matrice 210RTK
	* Matrice 200
	* Inspire 2
	* Mavic Pro
	* Mavic Air
	* Phantom 4, Phantom 4 Pro & Phantom 4 Advanced
	* Matrice 600 & Matrice 600 Pro, RTK and Ronin MX
	* Phantom 3 Standard, Advanced, 4K & Professional
	* Inspire 1, Inspire 1 Pro & Inspire 1 RAW
	* Matrice 100 with X3, X5 & X5R
	* Lightbridge 2 with A2
	* Lightbridge 2 with standalone A3 or N3
	* Focus
	* N1 Video Encoder
	* Cendence
Cameras	* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S
	* Spark Camera
	* Phantom 4 Pro Camera
	* Mavic Pro Camera
	* Phantom 4 Camera
	* Phantom 3 Cameras
	* Zenmuse XT

Supported Firmware

- Mavic Air: 01.00.0300
- Spark: 01.00.0900
- Matrice 200 series: 01.01.0600
- Phantom 4 Advanced: 01.00.0128
- Inspire 2: 01.01.0300
- Phantom 4 Pro: 01.05.0600
- Z30: 1.0.0.47
- N3: 1.7.1.5
- Mavic Pro: 01.04.0300
- Matrice 600 Pro: 1.0.1.65
- Matrice 600, RTK and Ronin MX: 1.0.1.65
- Phantom 4: 02.00.0700
- Zenmuse XT: 1.31.0.00

- Zenmuse Z3: 1.11.01.50
- Inspire 1 series: 1.11.01.50
- Phantom 3 Professional & Advanced: 1.11.20
- Phantom 3 Standard: 1.9.20
- Phantom 3 4K: 1.6.50
- Matrice 100: 1.3.1.0
- Lightbridge 2: 1.1.60
- A3: 1.7.1.5

Bug Fixes

Known Issues

- **New DUX prefix:** If upgrading from 4.4, all class names will need to be renamed to match the new DUX prefix.
- **GridMode scaling:** GridMode may not scale properly with some aspect ratios.

iOS UX SDK 4.5.1 Release Notes

Release Date

2018.5.1

Highlights

- Support for iOS Mobile SDK v4.5.1
- Bug fixes

Supported iOS Mobile SDK

- DJI iOS Mobile SDK v4.5.1: download at https://developer.dji.com/mobile-sdk/downloads/.

iOS Compatibility

UX SDK is compatible with iOS 9.0 and above.

Supported Products

Products	* Spark * Matrice 210 * Matrice 210RTK * Matrice 200 * Inspire 2 * Mavic Pro * Mavic Air * Phantom 4, Phantom 4 Pro & Phantom 4 Advanced * Matrice 600 & Matrice 600 Pro, RTK and Ronin MX * Phantom 3 Standard, Advanced, 4K & Professional * Inspire 1, Inspire 1 Pro & Inspire 1 RAW * Matrice 100 with X3, X5 & X5R * Osmo, Osmo Pro, Osmo RAW & Osmo+ * Osmo Mobile * Osmo Mobile 2 * Lightbridge 2 with A2 * Lightbridge 2 with standalone A3 or N3 * Focus * N1 Video Encoder * Cendence
Cameras	* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S * Spark Camera * Phantom 4 Pro Camera * Mavic Pro Camera * Phantom 4 Camera * Phantom 3 Cameras * Zenmuse XT

Supported Firmware

- Mavic Air: 01.00.0300
- Osmo Mobile 2: 2.1.0.20
- Spark: 01.00.0900
- Matrice 200 series: 01.01.0600
- Phantom 4 Advanced: 01.00.0128
- Inspire 2: 01.01.0300
- Phantom 4 Pro: 01.05.0600
- Z30: 1.0.0.47
- N3: 1.7.1.5
- Mavic Pro: 01.04.0300

- Matrice 600 Pro: 1.0.1.65
- Matrice 600, RTK and Ronin MX: 1.0.1.65
- Phantom 4: 02.00.0700
- Zenmuse XT: 1.31.0.00
- Zenmuse Z3: 1.11.01.50
- Inspire 1 series: 1.11.01.50
- Osmo: 1.11.2.70
- Osmo Pro/RAW: 1.4.0.70
- Osmo+: 1.6.1.00
- Osmo Mobile: 1.6.0.80
- Phantom 3 Professional & Advanced: 1.11.20
- Phantom 3 Standard: 1.9.20
- Phantom 3 4K: 1.6.50
- Matrice 100: 1.3.1.0
- Lightbridge 2: 1.1.60
- A3: 1.7.1.5

Bug Fixes

Map Widget-related crash: Fixed a crash which would occur when user leaves view that contains map widget.

Known Issues

- **New DUX prefix:** If upgrading from 4.4, all class names will need to be renamed to match the new DUX prefix.

- **GridMode scaling:** GridMode may not scale properly with some aspect ratios.

iOS UX SDK 4.5 Release Notes

Release Date

2018.4.11

Highlights

- Name change: UI Library has been renamed "UX SDK".
- All interface class names were renamed to start with the prefix DUX, DJI UX.
- Bug fixes

Supported iOS Mobile SDK

- DJI iOS Mobile SDK v4.5: download at https://developer.dji.com/mobile-sdk/downloads/.

iOS Compatibility

UX SDK is compatible with iOS 9.0 and above.

Supported Products

Products	* Spark * Matrice 210 * Matrice 210RTK * Matrice 200 * Inspire 2 * Mavic Pro * Mavic Air * Phantom 4, Phantom 4 Pro & Phantom 4 Advanced * Matrice 600 & Matrice 600 Pro, RTK and Ronin MX * Phantom 3 Standard, Advanced, 4K & Professional * Inspire 1, Inspire 1 Pro & Inspire 1 RAW * Matrice 100 with X3, X5 & X5R * Osmo, Osmo Pro, Osmo RAW & Osmo+ * Osmo Mobile * Osmo Mobile 2 * Lightbridge 2 with A2 * Lightbridge 2 with standalone A3 or N3 * Focus * N1 Video Encoder * Cendence
Cameras	* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S * Spark Camera * Phantom 4 Pro Camera * Mavic Pro Camera * Phantom 4 Camera * Phantom 3 Cameras * Zenmuse XT

Supported Firmware

- Mavic Air: 01.00.0300
- Osmo Mobile 2: 2.1.0.20
- Spark: 01.00.0900
- Matrice 200 series: 01.01.0600
- Phantom 4 Advanced: 01.00.0128
- Inspire 2: 01.01.0300
- Phantom 4 Pro: 01.05.0600
- Z30: 1.0.0.47
- N3: 1.7.1.5
- Mavic Pro: 01.04.0300

- Matrice 600 Pro: 1.0.1.65
- Matrice 600, RTK and Ronin MX: 1.0.1.65
- Phantom 4: 02.00.0700
- Zenmuse XT: 1.31.0.00
- Zenmuse Z3: 1.11.01.50
- Inspire 1 series: 1.11.01.50
- Osmo: 1.11.2.70
- Osmo Pro/RAW: 1.4.0.70
- Osmo+: 1.6.1.00
- Osmo Mobile: 1.6.0.80
- Phantom 3 Professional & Advanced: 1.11.20
- Phantom 3 Standard: 1.9.20
- Phantom 3 4K: 1.6.50
- Matrice 100: 1.3.1.0
- Lightbridge 2: 1.1.60
- A3: 1.7.1.5

Bug Fixes

- **Unknown camera state after checking media on DJI Go:** Fixed issue where upon opening DJI Go's media playback feature to check media, then opening UX SDK, camera would enter unknown state until user toggled camera/video slider.

Known Issues

- **New DUX prefix:** If upgrading from 4.4, all class names will need to be renamed to match the new DUX prefix.

- **GridMode scaling:** GridMode may not scale properly with some aspect ratios.

iOS UI Library 4.4 Release Notes

Release Date

2017.12.22

Highlights

- New RTK panel
- Bug fixes

Supported iOS Mobile SDK

- DJI iOS Mobile SDK v4.4: download at https://developer.dji.com/mobile-sdk/downloads/.

iOS Compatibility

UI Libraries is compatible with iOS 9.0 and above.

Supported Products

Products	* Spark * Matrice 210 * Matrice 210RTK * Matrice 200 * Inspire 2 * Mavic Pro * Phantom 4, Phantom 4 Pro & Phantom 4 Advanced * Matrice 600 & Matrice 600 Pro, RTK and Ronin MX * Phantom 3 Standard, Advanced, 4K & Professional * Inspire 1, Inspire 1 Pro & Inspire 1 RAW * Matrice 100 with X3, X5 & X5R * Osmo, Osmo Pro, Osmo RAW & Osmo+ * Osmo Mobile * Lightbridge 2 with A2 * Lightbridge 2 with standalone A3 or N3 * Focus * N1 Video Encoder * Cendence
Cameras	* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S, X7 * Spark Camera * Phantom 4 Pro Camera * Mavic Pro Camera * Phantom 4 Camera * Phantom 3 Cameras * Zenmuse XT

Supported Firmware

- Spark: 01.00.0701
- Matrice 200 series: 01.01.0412
- Phantom 4 Advanced: 01.00.0128
- Inspire 2: 01.01.0200
- Phantom 4 Pro: 01.04.0602
- Z30: 1.0.0.43
- N3: 1.7.1.5
- Mavic Pro: 01.04.0100
- Matrice 600 Pro: 1.0.1.65
- Matrice 600, RTK and Ronin MX: 1.0.1.65
- Phantom 4: 02.00.0106
- Zenmuse XT: 1.24.0.10

- Zenmuse Z3: 1.11.01.50
- Inspire 1 series: 1.11.01.50
- Osmo: 1.11.2.70
- Osmo Pro/RAW: 1.3.0.40
- Osmo+: 1.6.1.00
- Osmo Mobile: 1.6.0.80
- Phantom 3 Professional & Advanced: 1.11.20
- Phantom 3 Standard: 1.9.20
- Phantom 3 4K: 1.6.50
- Matrice 100: 1.3.1.0
- Lightbridge 2: 1.1.60
- A3: 1.7.1.5

Bug Fixes

Known Issues

- **Unknown camera state after checking media on DJI Go:** If the user opens DJI Go's media playback feature to check media, then opens UI Library, camera will be in an unknown state until user toggles camera/video slider.

iOS UI Library 4.3 Release Notes

Release Date

2017.09.15

Highlights

- Focus and exposure touch controls in FPV Content
- Picture-in-picture (PiP) which provides secondary FPV
- Map Content and Widget
- Center exposure handling
- Preflight checklist improvements, such as being able to reorder checklist items

Supported iOS Mobile SDK

- DJI iOS Mobile SDK v4.3: download at https://developer.dji.com/mobile-sdk/downloads/.

iOS Compatibility

UI Libraries is compatible with iOS 9.0 and above.

Supported Products

Products	* Spark * Matrice 210 * Matrice 210RTK * Matrice 200 * Inspire 2 * Mavic Pro * Phantom 4, Phantom 4 Pro & Phantom 4 Advanced * Matrice 600 & Matrice 600 Pro, RTK and Ronin MX * Phantom 3 Standard, Advanced, 4K & Professional * Inspire 1, Inspire 1 Pro & Inspire 1 RAW * Matrice 100 with X3, X5 & X5R * Osmo, Osmo Pro, Osmo RAW & Osmo+ * Osmo Mobile * Lightbridge 2 with A2 * Lightbridge 2 with standalone A3 or N3 * Focus * N1 Video Encoder
Cameras	* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S * Spark Camera * Phantom 4 Pro Camera * Mavic Pro Camera * Phantom 4 Camera * Phantom 3 Cameras * Zenmuse XT

Supported Firmware

- Spark: 01.00.0400

- Matrice 200: 01.00.00.0000

- Phantom 4 Advanced: 01.00.0128

- Inspire 2: 1.0.0330

- Phantom 4 Pro: 01.04.0602

- Z30: 1.0.0.37

- N3: 1.7.0.0

- Mavic Pro: 01.03.0900

- Matrice 600 Pro: 1.0.1.20

- Matrice 600, RTK and Ronin MX: 1.0.1.20

- Phantom 4: 1.2.602

- Zenmuse XT: 1.24.0.10

- Zenmuse Z3: 1.10.1.40

- Inspire 1: 1.10.1.40

- Inspire 1 Pro (X5 camera): 1.10.1.40

- Inspire 1 RAW (X5R camera): 1.10.1.40

- Osmo: 1.10.2.60

- Osmo Pro (X5 camera): 1.3.0.40

- Osmo RAW (X5R camera): 1.3.0.40

- Osmo+: 1.5.0.90

- Osmo Mobile: 1.6.0.80

- Phantom 3 Professional & Advanced: 1.10.90

- Phantom 3 Standard: 1.8.10

- Phantom 3 4K: 1.5.40

- Matrice 100: 1.3.1.0

- Lightbridge 2: 1.1.60

- A3: 1.7.0.0

Bug Fixes

- **Spark:** RC signal status widget was previously empty. This has been fixed.

Known Issues

- **Unknown camera state after checking media on DJI Go:** If the user opens DJI Go's media playback feature to check media, then opens UI Library, camera will be in an unknown state until user toggles camera/video slider.

iOS UI Library 4.2 Release Notes

Release Date

2017.07.07

Highlights

- Compatibility with Mobile SDK 4.2.2
- Support for DJI Spark
- Preflight checklist improvements
- Minor bug fixes

Supported iOS Mobile SDK

- DJI iOS Mobile SDK v4.2.2: download at https://developer.dji.com/mobile-sdk/downloads/.

iOS Compatibility

UI Libraries is compatible with iOS 9.0 and above.

Supported Products

Products	* Spark * Inspire 2 * Mavic Pro * Phantom 4 & Phantom 4 Pro * Matrice 600 & Matrice 600 Pro, RTK and Ronin MX * Phantom 3 Standard, Advanced, 4K & Professional * Inspire 1, Inspire 1 Pro & Inspire 1 RAW * Matrice 100 with X3, X5 & X5R * Lightbridge 2 with A2 * Lightbridge 2 with standalone A3 or N3 * Focus * N1 Video Encoder
Cameras	* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S * Phantom 4 Pro Camera * Mavic Pro Camera * Phantom 4 Camera * Phantom 3 Cameras * Zenmuse XT

Supported Firmware

- Spark: 1.00.0400
- Inspire 2: 1.0.0330
- Phantom 4 Pro: 1.3.509
- Z30: 1.0.0.20
- N3: 1.7.0.0
- Mavic Pro: 1.3.6
- Matrice 600 Pro: 1.0.0.80
- Matrice 600, RTK and Ronin MX: 1.0.0.80
- Phantom 4: 1.2.602
- Zenmuse XT: 1.24.0.10
- Zenmuse Z3: 1.10.1.40
- Inspire 1: 1.10.1.40
- Inspire 1 Pro (X5 camera): 1.10.1.40
- Inspire 1 RAW (X5R camera): 1.10.1.40
- Phantom 3 Professional & Advanced: 1.10.90
- Phantom 3 Standard: 1.8.10
- Phantom 3 4K: 1.5.40
- Matrice 100: 1.3.1.0
- Lightbridge 2: 1.1.50

- A3: 1.7.0.0

Known Issues

- **Spark:** RC signal status widget is empty.
- **Unknown camera state after checking media on DJI Go:** If the user opens DJI Go's media playback feature to check media, then opens UI Library, camera will be in an unknown state until user toggles camera/video slider.

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iOS UI Library 4.1.1 Release Notes

Release Date

2017.06.06

Highlights

- Compatibility with Mobile SDK 4.1.1
- Minor bug fixes

Supported iOS Mobile SDK

- DJI iOS Mobile SDK v4.1.1: download at https://developer.dji.com/mobile-sdk/downloads/.

iOS Compatibility

UI Libraries is compatible with iOS 9.0 and above.

Supported Products

Products	* Matrice 200 * Inspire 2 * Mavic Pro * Phantom 4, Phantom 4 Pro & Phantom 4 Advanced * Matrice 600 & Matrice 600 Pro, RTK and Ronin MX * Phantom 3 Standard, Advanced, 4K & Professional * Inspire 1, Inspire 1 Pro & Inspire 1 RAW * Matrice 100 with X3, X5 & X5R * Osmo, Osmo Pro, Osmo RAW & Osmo+ * Osmo Mobile * Lightbridge 2 with A2 * Lightbridge 2 with standalone A3 or N3 * Focus * N1 Video Encoder
Cameras	* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S * Phantom 4 Pro Camera * Mavic Pro Camera * Phantom 4 Camera * Phantom 3 Cameras * Zenmuse XT

Supported Firmware

- Matrice 200: upcoming
- Phantom 4 Advanced: 2.1.0.0
- Inspire 2: 1.0.0330
- Phantom 4 Pro: 1.3.0509
- Z30: 1.0.0.20
- N3: 1.7.0.0
- Mavic Pro: 1.3.7
- Matrice 600 Pro: 1.0.1.20
- Matrice 600, RTK and Ronin MX: 1.0.1.20
- Phantom 4: 1.2.602
- Zenmuse XT: 1.24.0.10
- Zenmuse Z3: 1.10.1.40
- Inspire 1: 1.10.1.40
- Inspire 1 Pro (X5 camera): 1.10.1.40
- Inspire 1 RAW (X5R camera): 1.10.1.40
- Osmo: 1.8.2.40
- Osmo Pro (X5 camera): 1.3.0.40

- Osmo RAW (X5R camera): 1.3.0.40
- Osmo+: 1.5.0.90
- Osmo Mobile: 1.5.0.70
- Phantom 3 Professional & Advanced: 1.10.90
- Phantom 3 Standard: 1.8.10
- Phantom 3 4K: 1.5.40
- Matrice 100: 1.3.1.0
- Lightbridge 2: 1.1.60
- A3: 1.7.0.0

Known Issues

- **Unknown camera state after checking media on DJI Go:** If the user opens DJI Go's media playback feature to check media, then opens UI Library, camera will be in an unknown state until user toggles camera/video slider.
- **Camera settings on some aircraft:** Color filters have literal string names, instead of descriptive names, e.g.: ""Film B" instead of "Blockbuster".
- **Preflight Checklist:** Inspire 1 and M600 return "unknown" IMU and ESC statuses in Preflight Checklist.

iOS UI Library 4.0.1.1.0.0 Release Notes

Release Date

2017.04.18

Highlights

- UI widgets for aircraft state seen typically on an FPV screen (e.g. Battery icon)
- UI widgets for some automated controls (e.g. auto take-off)
- UI panels for camera settings (exposure and others)
- A preflight checklist panel
- Elements with assets and logic tied to the SDK
- Elements which are more responsive to settings changes than in the public beta

Included in this Release

- UI Library
- A sample app showing how to use the UI Library in its default implementation, and how to customize widgets
- Documentation introducing UI Libraries

Supported iOS Mobile SDK

- DJI iOS Mobile SDK v4.0.1: download at https://developer.dji.com/mobile-sdk/downloads/.

iOS Compatibility

UI Libraries is compatible with iOS 9.0 and above.

Supported Products

Products	* Inspire 2 * Mavic Pro * Phantom 4 & Phantom 4 Pro * Matrice 600 & Matrice 600 Pro, RTK and Ronin MX * Phantom 3 Standard, Advanced, 4K & Professional * Inspire 1, Inspire 1 Pro & Inspire 1 RAW * Matrice 100 with X3, X5 & X5R * Osmo, Osmo Pro, Osmo RAW & Osmo+ * Osmo Mobile * Lightbridge 2 with A2 * Lightbridge 2 with standalone A3 or N3 * Focus * N1 Video Encoder
Cameras	* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S * Phantom 4 Pro Camera * Mavic Pro Camera * Phantom 4 Camera * Phantom 3 Cameras * Zenmuse XT

Supported Firmware

- Inspire 2: 1.0.0330
- Phantom 4 Pro: 1.3.509
- Z30: 1.0.0.20
- N3: 1.7.0.0
- Mavic Pro: 1.3.6
- Matrice 600 Pro: 1.0.0.80
- Matrice 600, RTK and Ronin MX: 1.0.0.80
- Phantom 4: 1.2.602
- Zenmuse XT: 1.24.0.10
- Zenmuse Z3: 1.10.1.40
- Inspire 1: 1.10.1.40
- Inspire 1 Pro (X5 camera): 1.10.1.40
- Inspire 1 RAW (X5R camera): 1.10.1.40
- Osmo: 1.8.2.40
- Osmo Pro (X5 camera): 1.3.0.40
- Osmo RAW (X5R camera): 1.3.0.40
- Osmo+: 1.4.0.70
- Osmo Mobile: 1.5.0.70

- Phantom 3 Professional & Advanced: 1.10.90
- Phantom 3 Standard: 1.8.10
- Phantom 3 4K: 1.5.40
- Matrice 100: 1.3.1.0
- Lightbridge 2: 1.1.50
- A3: 1.7.0.0

Known Issues

- **Unknown camera state after checking media on DJI Go:** If the user opens DJI Go's media playback feature to check media, then opens UI Library, camera will be in an unknown state until user toggles camera/video slider.
- **Camera settings on some aircraft:** Color filters have literal string names, instead of descriptive names, e.g.: ""Film B" instead of "Blockbuster".
- **Preflight Checklist:** Inspire 1 and M600 return "unknown" IMU and ESC statuses in Preflight Checklist.