

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	<ul style="list-style-type: none"> * 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	<ul style="list-style-type: none"> * 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	<ul style="list-style-type: none"> * 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	<ul style="list-style-type: none"> * 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	<ul style="list-style-type: none"> * 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	<ul style="list-style-type: none"> * 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	<ul style="list-style-type: none">* 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	<ul style="list-style-type: none">* 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.

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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	<ul style="list-style-type: none"> * 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	<ul style="list-style-type: none"> * 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.

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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	<ul style="list-style-type: none"> * 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	<ul style="list-style-type: none"> * 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.

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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	<ul style="list-style-type: none"> * 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	<ul style="list-style-type: none"> * 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.

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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	<ul style="list-style-type: none"> * 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	<ul style="list-style-type: none"> * 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	<ul style="list-style-type: none"> * 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	<ul style="list-style-type: none"> * 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.

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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	<ul style="list-style-type: none"> * 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	<ul style="list-style-type: none"> * 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	<ul style="list-style-type: none"> * 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	<ul style="list-style-type: none"> * 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	<ul style="list-style-type: none"> * 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	<ul style="list-style-type: none"> * 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	<ul style="list-style-type: none"> * 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
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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.

