

iOS UX SDK 4.8.1 Release Notes

Release Date

2018.11.16

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.

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.

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.

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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
