

# iOS UX SDK 4.14 Trial 1 Release Notes

## Release Date

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2020.12.10

## Highlights

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- Support for Mavic Air 2.
- Bug fixes.
- **Important notice about upcoming changes:** We are working on an open source version of the UX SDK which is currently available as a beta in Github. Shortly after this 4.14 release, iOS UX SDK version 5 beta 4 will be open source and available in [iOS UX SDK Beta](#) and Android UX SDK version 5 beta 5 in [Android UX SDK Beta](#).

## Supported iOS Mobile SDK

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- DJI iOS Mobile SDK v4.14 Trial 1: download at <https://developer.dji.com/mobile-sdk/downloads/>.

## iOS Compatibility

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UX SDK is compatible with iOS 10.0 and above.

## Supported Products

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<b>Products</b>	<ul style="list-style-type: none"> <li>* Mavic Air 2</li> <li>* Mavic Mini</li> <li>* Matrice 300 RTK</li> <li>* DJI Smart Controller</li> <li>* Matrice 200 V2</li> <li>* Matrice 210 V2</li> <li>* Matrice 210 RTK V2</li> <li>* Phantom 4 RTK</li> <li>* Mavic 2 Enterprise Dual</li> <li>* Mavic 2 Enterprise</li> <li>* Mavic 2 Pro</li> <li>* Mavic 2 Zoom</li> <li>* Spark</li> <li>* Matrice 210</li> <li>* Matrice 210RTK</li> <li>* Matrice 200</li> <li>* Inspire 2</li> <li>* Mavic Pro</li> <li>* Mavic Air</li> <li>* Phantom 4, Phantom 4 Pro &amp; Phantom 4 Advanced, Phantom 4 Pro V2.0</li> <li>* Matrice 600 &amp; Matrice 600 Pro and RTK</li> <li>* Phantom 3 Standard, Advanced, 4K &amp; Professional</li> <li>* Inspire 1, Inspire 1 Pro &amp; Inspire 1 RAW</li> <li>* Matrice 100 with X3, X5 &amp; X5R</li> <li>* Cendence</li> </ul>
<b>Cameras</b>	<ul style="list-style-type: none"> <li>* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S, X7</li> <li>* Spark Camera</li> <li>* Phantom 4 Pro Camera</li> <li>* Mavic Pro Camera</li> <li>* Phantom 4 Camera</li> <li>* Phantom 3 Cameras</li> <li>* Zenmuse XT, Zenmuse XT2</li> </ul>

## Supported Firmware

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- Mavic Air 2: 01.00.0460
- Mavic Mini: 01.00.0500
- Matrice 300 RTK: 01.00.02.14 and D-RTK 2: 03.00.00.13
- DJI Smart Controller: 01.00.0820

- Matrice 200 Series V2 01.00.0710 and D-RTK 2: 03.00.0013
- Phantom 4 RTK: 02.02.0503 and D-RTK 2: 02.02.0505
- Mavic 2 Enterprise Dual: 01.01.0800
- Mavic 2 Enterprise: 01.01.0800
- Mavic 2 Pro: 01.00.0670
- Mavic 2 Zoom: 01.00.0670
- Mavic Air: 01.00.0620
- Phantom 4 Pro V2.0: 01.00.52.00
- Zenmuse XT2: 01.00.03.50
- 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: 01.00.06.10
- 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: 01.31.00.60

## Bug Fixes:

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- **"Magnetic Interference" warning shows on all Mavic 2 series aircraft:** Fixed.
- **RadarWidget missing assets:** Fixed. Missing customization assets have been added to the project.
- **FPV gridlines settings are not saved when restarting application:** Fixed. The gridline setting persists when closing and reopening the application.
- **Pre-Flight Checklist Panel's RC signal shows 0% when connected to a Matrice 300 RTK:** Fixed. No longer reproducible with the latest firmware.

## Known Issues

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- **Vision Widget and Radar Widget do not support Matrice 300 RTK, Mavic Mini, and Mavic Air 2.** These features will be supported in iOS UX SDK 5 Beta.
- **[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]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 4.13 Release Notes

## Release Date

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2020.07.27

## Highlights

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- Support for Mavic Mini.
- 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 this year. In addition, we will be releasing a new open source beta shortly after 4.13. The iOS UX SDK version 5 beta 3 will be open source and available in [iOS UX SDK Beta](#) and Android UX SDK version 5 beta 4 in [Android UX SDK Beta](#).

## Supported iOS Mobile SDK

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- DJI iOS Mobile SDK v4.13: download at <https://developer.dji.com/mobile-sdk/downloads/>.

## iOS Compatibility

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UX SDK is compatible with iOS 10.0 and above.

## Supported Products

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<b>Products</b>	<ul style="list-style-type: none"> <li>* Mavic Mini</li> <li>* Matrice 300 RTK</li> <li>* Matrice 200 V2</li> <li>* Matrice 210 V2</li> <li>* Matrice 210 RTK V2</li> <li>* Phantom 4 RTK</li> <li>* Mavic 2 Enterprise Dual</li> <li>* Mavic 2 Enterprise</li> <li>* Mavic 2 Pro</li> <li>* Mavic 2 Zoom</li> <li>* Spark</li> <li>* Matrice 210</li> <li>* Matrice 210RTK</li> <li>* Matrice 200</li> <li>* Inspire 2</li> <li>* Mavic Pro</li> <li>* Mavic Air</li> <li>* Phantom 4, Phantom 4 Pro &amp; Phantom 4 Advanced, Phantom 4 Pro V2.0</li> <li>* Matrice 600 &amp; Matrice 600 Pro and RTK</li> <li>* Phantom 3 Standard, Advanced, 4K &amp; Professional</li> <li>* Inspire 1, Inspire 1 Pro &amp; Inspire 1 RAW</li> <li>* Matrice 100 with X3, X5 &amp; X5R</li> <li>* Cendence</li> </ul>
<b>Cameras</b>	<ul style="list-style-type: none"> <li>* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S, X7</li> <li>* Spark Camera</li> <li>* Phantom 4 Pro Camera</li> <li>* Mavic Pro Camera</li> <li>* Phantom 4 Camera</li> <li>* Phantom 3 Cameras</li> <li>* Zenmuse XT, Zenmuse XT2</li> </ul>

## Supported Firmware

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- Mavic Mini: 01.00.0500
- Matrice 300 RTK: 01.00.01.08 and D-RTK 2: 03.00.00.13
- Matrice 200 Series V2 and D-RTK 2: 01.00.0590
- Phantom 4 RTK: 02.02.0312 and D-RTK 2: 02.02.0307
- Mavic 2 Enterprise Dual: 01.01.0640
- Mavic 2 Enterprise: 01.01.0640

- 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: 01.00.03.50
- 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: 01.00.06.10
- 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: 01.31.00.60

## Bug Fixes:

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- **FPV Widget problems with dual cameras on M210 V2 and M210 V2 RTK:** Fixed.
- **Default Layout does not expose some internal widgets:** Fixed. All widgets inside the Default Layout are now accessible.

## Known Issues

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- **Vision Widget and Radar Widget do not support Matrice 300 RTK and Mavic Mini.**  
These features will be supported in iOS UX SDK 5 Beta.
- **[OLD]Pre-Flight Checklist Panel's RC signal shows 0% when connected to a Matrice 300 RTK.**
- **[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]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.

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# iOS UX SDK 4.12 Release Notes

## Release Date

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2020.05.08

## Highlights

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- Support for Matrice 300 RTK.
- 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 this year. In addition, we will be releasing a new open source beta shortly after 4.12. The iOS UX SDK version 5 beta 2 will be open source and available in [iOS UX SDK Beta](#) and Android UX SDK version 5 beta 3 in [Android UX SDK Beta](#).

## Supported iOS Mobile SDK

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- DJI iOS Mobile SDK v4.12: download at <https://developer.dji.com/mobile-sdk/downloads/>.

## iOS Compatibility

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UX SDK is compatible with iOS 10.0 and above.

## Supported Products

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<b>Products</b>	<ul style="list-style-type: none"> <li>* Matrice 300 RTK</li> <li>* Matrice 200 V2</li> <li>* Matrice 210 V2</li> <li>* Matrice 210 RTK V2</li> <li>* Phantom 4 RTK</li> <li>* Mavic 2 Enterprise Dual</li> <li>* Mavic 2 Enterprise</li> <li>* Mavic 2 Pro</li> <li>* Mavic 2 Zoom</li> <li>* Spark</li> <li>* Matrice 210</li> <li>* Matrice 210RTK</li> <li>* Matrice 200</li> <li>* Inspire 2</li> <li>* Mavic Pro</li> <li>* Mavic Air</li> <li>* Phantom 4, Phantom 4 Pro &amp; Phantom 4 Advanced, Phantom 4 Pro V2.0</li> <li>* Matrice 600 &amp; Matrice 600 Pro and RTK</li> <li>* Phantom 3 Standard, Advanced, 4K &amp; Professional</li> <li>* Inspire 1, Inspire 1 Pro &amp; Inspire 1 RAW</li> <li>* Matrice 100 with X3, X5 &amp; X5R</li> <li>* Cendence</li> </ul>
<b>Cameras</b>	<ul style="list-style-type: none"> <li>* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S, X7</li> <li>* Spark Camera</li> <li>* Phantom 4 Pro Camera</li> <li>* Mavic Pro Camera</li> <li>* Phantom 4 Camera</li> <li>* Phantom 3 Cameras</li> <li>* Zenmuse XT, Zenmuse XT2</li> </ul>

## Supported Firmware

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- Matrice 300 RTK: 01.00.0106 and D-RTK 2: 03.00.00.12
- Matrice 200 Series V2 and D-RTK 2: 01.00.0590
- Phantom 4 RTK: 02.02.0312 and D-RTK 2: 02.02.0307
- Mavic 2 Enterprise Dual: 01.01.0640
- Mavic 2 Enterprise: 01.01.0640
- 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: 01.00.03.50
- 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: 01.00.06.10
- 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: 01.31.00.60

## Bug Fixes:

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- **FPV Widget stream may freeze with a Z30 when used as a secondary feed: Fixed.**
- **Camera Capture Widget does not take panoramas: Fixed.**
- **FPV grid lines are not properly aligned: Fixed.**
- **Record Video Widget breaks when the camera settings are opened: Fixed.**
- **Vision Widget does not show disabled state for Mavic 2 Enterprise Dual: Fixed.**
- **Map Widget polygon zones may not support the tap to unlock feature in the map widget: Fixed.**
- **Exposure settings' underexposed label does not go away: Fixed.**

## Known Issues

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- **Radar Widget does not support Matrice 300 RTK.**
- **Vision Widget does not update correctly when connected to a Matrice 300 RTK.**

The Vision Widget of iOS UX SDK version 5 beta 2 fully supports this feature.

- **Pre-Flight Checklist Panel's RC signal shows 0% when connected to a Matrice 300 RTK.**
- **[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]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 4.11.1 Release Notes

## Release Date

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2020.03.20

## Highlights

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- 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

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

## iOS Compatibility

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UX SDK is compatible with iOS 10.0 and above.

## Supported Products

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<b>Products</b>	<ul style="list-style-type: none"> <li>* DJI Smart Controller</li> <li>* Matrice 200 V2</li> <li>* Matrice 210 V2</li> <li>* Matrice 210 RTK V2</li> <li>* Phantom 4 RTK</li> <li>* Mavic 2 Enterprise Dual</li> <li>* Mavic 2 Enterprise</li> <li>* Mavic 2 Pro</li> <li>* Mavic 2 Zoom</li> <li>* Spark</li> <li>* Matrice 210</li> <li>* Matrice 210RTK</li> <li>* Matrice 200</li> <li>* Inspire 2</li> <li>* Mavic Pro</li> <li>* Mavic Air</li> <li>* Phantom 4, Phantom 4 Pro &amp; Phantom 4 Advanced, Phantom 4 Pro V2.0</li> <li>* Matrice 600 &amp; Matrice 600 Pro and RTK</li> <li>* Phantom 3 Standard, Advanced, 4K &amp; Professional</li> <li>* Inspire 1, Inspire 1 Pro &amp; Inspire 1 RAW</li> <li>* Matrice 100 with X3, X5 &amp; X5R</li> <li>* Cendence</li> </ul>
<b>Cameras</b>	<ul style="list-style-type: none"> <li>* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S, X7</li> <li>* Spark Camera</li> <li>* Phantom 4 Pro Camera</li> <li>* Mavic Pro Camera</li> <li>* Phantom 4 Camera</li> <li>* Phantom 3 Cameras</li> <li>* Zenmuse XT, Zenmuse XT2</li> </ul>

## Supported Firmware

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- 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:

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- **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

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- **[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.

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# iOS UX SDK 4.11 Release Notes

## Release Date

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2019.09.23

## Highlights

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- 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

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

## iOS Compatibility

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UX SDK is compatible with iOS 10.0 and above.

## Supported Products

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<b>Products</b>	<ul style="list-style-type: none"> <li>* Matrice 200 V2</li> <li>* Matrice 210 V2</li> <li>* Matrice 210 RTK V2</li> <li>* Phantom 4 RTK</li> <li>* Mavic 2 Enterprise, Mavic 2 Enterprise Dual</li> <li>* Mavic 2 Pro</li> <li>* Mavic 2 Zoom</li> <li>* Spark</li> <li>* Matrice 210</li> <li>* Matrice 210RTK</li> <li>* Matrice 200</li> <li>* Inspire 2</li> <li>* Mavic Pro</li> <li>* Mavic Air</li> <li>* Phantom 4, Phantom 4 Pro &amp; Phantom 4 Advanced, Phantom 4 Pro V2.0</li> <li>* Matrice 600 &amp; Matrice 600 Pro, RTK and Ronin MX</li> <li>* Phantom 3 Standard, Advanced, 4K &amp; Professional</li> <li>* Inspire 1, Inspire 1 Pro &amp; Inspire 1 RAW</li> <li>* Matrice 100 with X3, X5 &amp; X5R</li> <li>* Lightbridge 2 with A2</li> <li>* Lightbridge 2 with standalone A3 or N3</li> <li>* Focus</li> <li>* N1 Video Encoder</li> <li>* Cendence</li> </ul>
<b>Cameras</b>	<ul style="list-style-type: none"> <li>* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S, X7</li> <li>* Zenmuse XT, Zenmuse XT2</li> </ul>

## 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

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- **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

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2019.05.14

## Highlights

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- 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

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

## iOS Compatibility

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UX SDK is compatible with iOS 9.0 and above.

## Supported Products

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<b>Products</b>	<ul style="list-style-type: none"> <li>* Matrice 200 Series V2</li> <li>* Phantom 4 RTK</li> <li>* Mavic 2 Enterprise, Mavic 2 Enterprise Dual</li> <li>* Mavic 2 Pro</li> <li>* Mavic 2 Zoom</li> <li>* Spark</li> <li>* Matrice 210</li> <li>* Matrice 210RTK</li> <li>* Matrice 200</li> <li>* Inspire 2</li> <li>* Mavic Pro</li> <li>* Mavic Air</li> <li>* Phantom 4, Phantom 4 Pro &amp; Phantom 4 Advanced, Phantom 4 Pro V2.0</li> <li>* Matrice 600 &amp; Matrice 600 Pro, RTK and Ronin MX</li> <li>* Phantom 3 Standard, Advanced, 4K &amp; Professional</li> <li>* Inspire 1, Inspire 1 Pro &amp; Inspire 1 RAW</li> <li>* Matrice 100 with X3, X5 &amp; X5R</li> <li>* Lightbridge 2 with A2</li> <li>* Lightbridge 2 with standalone A3 or N3</li> <li>* Focus</li> <li>* N1 Video Encoder</li> <li>* Payload devices</li> <li>* Cendence</li> </ul>
<b>Cameras</b>	<ul style="list-style-type: none"> <li>* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S, X7</li> <li>* Zenmuse XT, Zenmuse XT2</li> </ul>

## 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

---

<b>Products</b>	<ul style="list-style-type: none"> <li>* Phantom 4 RTK</li> <li>* Mavic 2 Enterprise Dual</li> <li>* Mavic 2 Enterprise</li> <li>* Mavic 2 Pro</li> <li>* Mavic 2 Zoom</li> <li>* Spark</li> <li>* Matrice 210</li> <li>* Matrice 210RTK</li> <li>* Matrice 200</li> <li>* Inspire 2</li> <li>* Mavic Pro</li> <li>* Mavic Air</li> <li>* Phantom 4, Phantom 4 Pro &amp; Phantom 4 Advanced, Phantom 4 Pro V2.0</li> <li>* Matrice 600 &amp; Matrice 600 Pro, RTK and Ronin MX</li> <li>* Phantom 3 Standard, Advanced, 4K &amp; Professional</li> <li>* Inspire 1, Inspire 1 Pro &amp; Inspire 1 RAW</li> <li>* Matrice 100 with X3, X5 &amp; X5R</li> <li>* Lightbridge 2 with A2</li> <li>* Lightbridge 2 with standalone A3 or N3</li> <li>* Focus</li> <li>* N1 Video Encoder</li> <li>* Cendence</li> </ul>
<b>Cameras</b>	<ul style="list-style-type: none"> <li>* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S, X7</li> <li>* Spark Camera</li> <li>* Phantom 4 Pro Camera</li> <li>* Mavic Pro Camera</li> <li>* Phantom 4 Camera</li> <li>* Phantom 3 Cameras</li> <li>* Zenmuse XT, Zenmuse XT2</li> </ul>

## Supported Firmware

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- 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.

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# 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

---

<b>Products</b>	<ul style="list-style-type: none"><li>* Mavic 2 Enterprise</li><li>* Mavic 2 Pro</li><li>* Mavic 2 Zoom</li><li>* Spark</li><li>* Matrice 210</li><li>* Matrice 210RTK</li><li>* Matrice 200</li><li>* Inspire 2</li><li>* Mavic Pro</li><li>* Mavic Air</li><li>* Phantom 4, Phantom 4 Pro, Phantom 4 Pro V2.0 &amp; Phantom 4 Advanced</li><li>* Matrice 600 &amp; Matrice 600 Pro, RTK and Ronin MX</li><li>* Phantom 3 Standard, Advanced, 4K &amp; Professional</li><li>* Inspire 1, Inspire 1 Pro &amp; Inspire 1 RAW</li><li>* Matrice 100 with X3, X5 &amp; X5R</li><li>* Lightbridge 2 with A2</li><li>* Lightbridge 2 with standalone A3 or N3</li><li>* Focus</li><li>* N1 Video Encoder</li><li>* Cendence</li></ul>
<b>Cameras</b>	<ul style="list-style-type: none"><li>* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S</li><li>* Spark Camera</li><li>* Phantom 4 Pro Camera</li><li>* Mavic Pro Camera</li><li>* Phantom 4 Camera</li><li>* Phantom 3 Cameras</li><li>* Zenmuse XT</li><li>* Zenmuse XT2</li></ul>

## 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

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2018.09.04

## Highlights

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- Support for iOS Mobile SDK v4.7.1

# iOS UX SDK 4.7 Release Notes

## Release Date

---

2018.8.23

## Highlights

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- 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

---

<b>Products</b>	<ul style="list-style-type: none"> <li>* Spark</li> <li>* Matrice 210</li> <li>* Matrice 210RTK</li> <li>* Matrice 200</li> <li>* Inspire 2</li> <li>* Mavic Pro</li> <li>* Mavic Air</li> <li>* Phantom 4, Phantom 4 Pro &amp; Phantom 4 Advanced</li> <li>* Matrice 600 &amp; Matrice 600 Pro, RTK and Ronin MX</li> <li>* Phantom 3 Standard, Advanced, 4K &amp; Professional</li> <li>* Inspire 1, Inspire 1 Pro &amp; Inspire 1 RAW</li> <li>* Matrice 100 with X3, X5 &amp; X5R</li> <li>* Lightbridge 2 with A2</li> <li>* Lightbridge 2 with standalone A3 or N3</li> <li>* Focus</li> <li>* N1 Video Encoder</li> <li>* Cendence</li> </ul>
<b>Cameras</b>	<ul style="list-style-type: none"> <li>* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S</li> <li>* Spark Camera</li> <li>* Phantom 4 Pro Camera</li> <li>* Mavic Pro Camera</li> <li>* Phantom 4 Camera</li> <li>* Phantom 3 Cameras</li> <li>* Zenmuse XT</li> </ul>

## 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

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

## Supported iOS Mobile SDK

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- 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

---

<b>Products</b>	<ul style="list-style-type: none"> <li>* Spark</li> <li>* Matrice 210</li> <li>* Matrice 210RTK</li> <li>* Matrice 200</li> <li>* Inspire 2</li> <li>* Mavic Pro</li> <li>* Mavic Air</li> <li>* Phantom 4, Phantom 4 Pro &amp; Phantom 4 Advanced</li> <li>* Matrice 600 &amp; Matrice 600 Pro, RTK and Ronin MX</li> <li>* Phantom 3 Standard, Advanced, 4K &amp; Professional</li> <li>* Inspire 1, Inspire 1 Pro &amp; Inspire 1 RAW</li> <li>* Matrice 100 with X3, X5 &amp; X5R</li> <li>* Lightbridge 2 with A2</li> <li>* Lightbridge 2 with standalone A3 or N3</li> <li>* Focus</li> <li>* N1 Video Encoder</li> <li>* Cendence</li> </ul>
<b>Cameras</b>	<ul style="list-style-type: none"> <li>* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S</li> <li>* Spark Camera</li> <li>* Phantom 4 Pro Camera</li> <li>* Mavic Pro Camera</li> <li>* Phantom 4 Camera</li> <li>* Phantom 3 Cameras</li> <li>* Zenmuse XT</li> </ul>

## 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

---

<b>Products</b>	<ul style="list-style-type: none"> <li>* Spark</li> <li>* Matrice 210</li> <li>* Matrice 210RTK</li> <li>* Matrice 200</li> <li>* Inspire 2</li> <li>* Mavic Pro</li> <li>* Mavic Air</li> <li>* Phantom 4, Phantom 4 Pro &amp; Phantom 4 Advanced</li> <li>* Matrice 600 &amp; Matrice 600 Pro, RTK and Ronin MX</li> <li>* Phantom 3 Standard, Advanced, 4K &amp; Professional</li> <li>* Inspire 1, Inspire 1 Pro &amp; Inspire 1 RAW</li> <li>* Matrice 100 with X3, X5 &amp; X5R</li> <li>* Osmo, Osmo Pro, Osmo RAW &amp; Osmo+</li> <li>* Osmo Mobile</li> <li>* Osmo Mobile 2</li> <li>* Lightbridge 2 with A2</li> <li>* Lightbridge 2 with standalone A3 or N3</li> <li>* Focus</li> <li>* N1 Video Encoder</li> <li>* Cendence</li> </ul>
<b>Cameras</b>	<ul style="list-style-type: none"> <li>* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S</li> <li>* Spark Camera</li> <li>* Phantom 4 Pro Camera</li> <li>* Mavic Pro Camera</li> <li>* Phantom 4 Camera</li> <li>* Phantom 3 Cameras</li> <li>* Zenmuse XT</li> </ul>

## 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

---



<b>Products</b>	<ul style="list-style-type: none"> <li>* Spark</li> <li>* Matrice 210</li> <li>* Matrice 210RTK</li> <li>* Matrice 200</li> <li>* Inspire 2</li> <li>* Mavic Pro</li> <li>* Mavic Air</li> <li>* Phantom 4, Phantom 4 Pro &amp; Phantom 4 Advanced</li> <li>* Matrice 600 &amp; Matrice 600 Pro, RTK and Ronin MX</li> <li>* Phantom 3 Standard, Advanced, 4K &amp; Professional</li> <li>* Inspire 1, Inspire 1 Pro &amp; Inspire 1 RAW</li> <li>* Matrice 100 with X3, X5 &amp; X5R</li> <li>* Osmo, Osmo Pro, Osmo RAW &amp; Osmo+</li> <li>* Osmo Mobile</li> <li>* Osmo Mobile 2</li> <li>* Lightbridge 2 with A2</li> <li>* Lightbridge 2 with standalone A3 or N3</li> <li>* Focus</li> <li>* N1 Video Encoder</li> <li>* Cendence</li> </ul>
<b>Cameras</b>	<ul style="list-style-type: none"> <li>* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S</li> <li>* Spark Camera</li> <li>* Phantom 4 Pro Camera</li> <li>* Mavic Pro Camera</li> <li>* Phantom 4 Camera</li> <li>* Phantom 3 Cameras</li> <li>* Zenmuse XT</li> </ul>

## 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.

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# iOS UI Library 4.4 Release Notes

## Release Date

---

2017.12.22

## Highlights

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- New RTK panel
- Bug fixes

## Supported iOS Mobile SDK

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- 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

---

<b>Products</b>	<ul style="list-style-type: none"> <li>* Spark</li> <li>* Matrice 210</li> <li>* Matrice 210RTK</li> <li>* Matrice 200</li> <li>* Inspire 2</li> <li>* Mavic Pro</li> <li>* Phantom 4, Phantom 4 Pro &amp; Phantom 4 Advanced</li> <li>* Matrice 600 &amp; Matrice 600 Pro, RTK and Ronin MX</li> <li>* Phantom 3 Standard, Advanced, 4K &amp; Professional</li> <li>* Inspire 1, Inspire 1 Pro &amp; Inspire 1 RAW</li> <li>* Matrice 100 with X3, X5 &amp; X5R</li> <li>* Osmo, Osmo Pro, Osmo RAW &amp; Osmo+</li> <li>* Osmo Mobile</li> <li>* Lightbridge 2 with A2</li> <li>* Lightbridge 2 with standalone A3 or N3</li> <li>* Focus</li> <li>* N1 Video Encoder</li> <li>* Cendence</li> </ul>
<b>Cameras</b>	<ul style="list-style-type: none"> <li>* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S, X7</li> <li>* Spark Camera</li> <li>* Phantom 4 Pro Camera</li> <li>* Mavic Pro Camera</li> <li>* Phantom 4 Camera</li> <li>* Phantom 3 Cameras</li> <li>* Zenmuse XT</li> </ul>

## 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

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## 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

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2017.09.15

## Highlights

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- 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

---

<b>Products</b>	<ul style="list-style-type: none"> <li>* Spark</li> <li>* Matrice 210</li> <li>* Matrice 210RTK</li> <li>* Matrice 200</li> <li>* Inspire 2</li> <li>* Mavic Pro</li> <li>* Phantom 4, Phantom 4 Pro &amp; Phantom 4 Advanced</li> <li>* Matrice 600 &amp; Matrice 600 Pro, RTK and Ronin MX</li> <li>* Phantom 3 Standard, Advanced, 4K &amp; Professional</li> <li>* Inspire 1, Inspire 1 Pro &amp; Inspire 1 RAW</li> <li>* Matrice 100 with X3, X5 &amp; X5R</li> <li>* Osmo, Osmo Pro, Osmo RAW &amp; Osmo+</li> <li>* Osmo Mobile</li> <li>* Lightbridge 2 with A2</li> <li>* Lightbridge 2 with standalone A3 or N3</li> <li>* Focus</li> <li>* N1 Video Encoder</li> </ul>
<b>Cameras</b>	<ul style="list-style-type: none"> <li>* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S</li> <li>* Spark Camera</li> <li>* Phantom 4 Pro Camera</li> <li>* Mavic Pro Camera</li> <li>* Phantom 4 Camera</li> <li>* Phantom 3 Cameras</li> <li>* Zenmuse XT</li> </ul>

## 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

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2017.07.07

## Highlights

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- 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

---

<b>Products</b>	<ul style="list-style-type: none"> <li>* Spark</li> <li>* Inspire 2</li> <li>* Mavic Pro</li> <li>* Phantom 4 &amp; Phantom 4 Pro</li> <li>* Matrice 600 &amp; Matrice 600 Pro, RTK and Ronin MX</li> <li>* Phantom 3 Standard, Advanced, 4K &amp; Professional</li> <li>* Inspire 1, Inspire 1 Pro &amp; Inspire 1 RAW</li> <li>* Matrice 100 with X3, X5 &amp; X5R</li> <li>* Lightbridge 2 with A2</li> <li>* Lightbridge 2 with standalone A3 or N3</li> <li>* Focus</li> <li>* N1 Video Encoder</li> </ul>
<b>Cameras</b>	<ul style="list-style-type: none"> <li>* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S</li> <li>* Phantom 4 Pro Camera</li> <li>* Mavic Pro Camera</li> <li>* Phantom 4 Camera</li> <li>* Phantom 3 Cameras</li> <li>* Zenmuse XT</li> </ul>

## 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

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- 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

---

<b>Products</b>	<ul style="list-style-type: none"> <li>* Matrice 200</li> <li>* Inspire 2</li> <li>* Mavic Pro</li> <li>* Phantom 4, Phantom 4 Pro &amp; Phantom 4 Advanced</li> <li>* Matrice 600 &amp; Matrice 600 Pro, RTK and Ronin MX</li> <li>* Phantom 3 Standard, Advanced, 4K &amp; Professional</li> <li>* Inspire 1, Inspire 1 Pro &amp; Inspire 1 RAW</li> <li>* Matrice 100 with X3, X5 &amp; X5R</li> <li>* Osmo, Osmo Pro, Osmo RAW &amp; Osmo+</li> <li>* Osmo Mobile</li> <li>* Lightbridge 2 with A2</li> <li>* Lightbridge 2 with standalone A3 or N3</li> <li>* Focus</li> <li>* N1 Video Encoder</li> </ul>
<b>Cameras</b>	<ul style="list-style-type: none"> <li>* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S</li> <li>* Phantom 4 Pro Camera</li> <li>* Mavic Pro Camera</li> <li>* Phantom 4 Camera</li> <li>* Phantom 3 Cameras</li> <li>* Zenmuse XT</li> </ul>

## 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

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- **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.

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# iOS UI Library 4.0.1.1.0.0 Release Notes

## Release Date

---

2017.04.18

## Highlights

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- 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

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- 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

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- 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

---



<b>Products</b>	<ul style="list-style-type: none"> <li>* Inspire 2</li> <li>* Mavic Pro</li> <li>* Phantom 4 &amp; Phantom 4 Pro</li> <li>* Matrice 600 &amp; Matrice 600 Pro, RTK and Ronin MX</li> <li>* Phantom 3 Standard, Advanced, 4K &amp; Professional</li> <li>* Inspire 1, Inspire 1 Pro &amp; Inspire 1 RAW</li> <li>* Matrice 100 with X3, X5 &amp; X5R</li> <li>* Osmo, Osmo Pro, Osmo RAW &amp; Osmo+</li> <li>* Osmo Mobile</li> <li>* Lightbridge 2 with A2</li> <li>* Lightbridge 2 with standalone A3 or N3</li> <li>* Focus</li> <li>* N1 Video Encoder</li> </ul>
<b>Cameras</b>	<ul style="list-style-type: none"> <li>* Zenmuse X3, X5, X5R, Z3, Z30, X4S, X5S</li> <li>* Phantom 4 Pro Camera</li> <li>* Mavic Pro Camera</li> <li>* Phantom 4 Camera</li> <li>* Phantom 3 Cameras</li> <li>* Zenmuse XT</li> </ul>

## Supported Firmware

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- 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.

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