

Android UX SDK 5.0 Beta 1 Release Notes

Release Date

2019.06.24

Highlights

- This release of UX SDK is open source! Please see here for [source](#).
- All widgets can be customized either via customization APIs or adjusting the source as needed.
- Custom widgets can be easily added using the same architecture by extending the base classes. Custom UX Keys can easily be added as well.
- UX SDK 5.0 Beta 1 can be used alongside UX SDK 4.10 to mix and match APIs.
- See full list of widgets being released in the **Widget List** below.

Widget List

- Altitude Widget
- Compass Widget
- Dashboard Widget
- Distance Home Widget
- Distance RC Widget
- Horizontal Velocity Widget
- Map Widget
- Pre-flight Status Widget
- Remote Control Signal Widget
- Simulator Control Widget
- Simulator Indicator Widget
- User Account Login Widget
- Vertical Velocity Widget
- Vision Widget
- VPS Widget

Supported Android Mobile SDK

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

Android Compatibility

UX SDK is compatible with Android 4.2 and above.

Supported Products

Products	<ul style="list-style-type: none">* DJI Smart Controller* Matrice 200 Series V2* Phantom 4 RTK* Mavic 2 Enterprise Dual* Mavic 2 Enterprise* Mavic 2 Pro* Mavic 2 Zoom* Spark* Matrice 210* Matrice 210RTK* Matrice 200* Inspire 2* Mavic Pro* Mavic Air* Phantom 4, Phantom 4 Pro & Phantom 4 Advanced, Phantom 4 Pro V2.0* Matrice 600 & Matrice 600 Pro, 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

- 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: 01.00.0000
- Mavic 2 Enterprise: 01.00.0000
- 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: 01.02.0301
- 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: 1.7.6.0
- 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: 1.3.1.82
- Lightbridge 2: 1.1.70
- A3: 1.7.7.0

Known Issues

- **Incompatibility of Mobile SDK since 4.7 with x86 devices:** On x86 devices that run Android API 23 or above, if the application is targeted with API 23 or above, FFmpeg lib might lead to runtime crashes or warnings.
- **Issues with older Android Studio versions:** You may face build issues for this repository on Android studio versions older than 3.4.1.