



Smart App SDK

Version: 20250811

Online Version

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[Smart App SDK](#) includes a variety of features and helps you quickly build a mobile app used to connect to Tuya-enabled devices. The mobile app developed with the App SDK enables users to pair and control smart devices, initiate firmware updates, set scheduled tasks, and create smart scenes.

1. SDKs

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Name	Description	Feature overview	Changelog	API Reference
SmartLife App SDK	Empowers mobile apps based on sufficient components and samples to simplify home automation, and enables users to pair and control smart devices, initiate firmware updates, set scheduled tasks, and create smart scenes.	• iOS • Android	• iOS • Android	• iOS • Android

Name	Description	Feature overview	Changelog	API Reference
Smart Camera SDK	The Smart Camera SDK enables you to integrate with smart camera-specific features, including live streaming, motion detection, footage playback, and device control. This is made possible through technologies such as audio and video codecs, media editing and rendering, two-way video talk, and AI.	• iOS • Android	• iOS • Android	/

Name	Description	Feature overview	Changelog	API Reference
Smart Travel SDK	The Smart Travel SDK includes APIs for cycling routes and travel history.	• iOS • Android	/	/
Sweeper SDK	The Sweeper SDK enables you to integrate with smart sweeper-specific features, including map data transmission, multiple maps management, cleaning history management, and voice packages.	• iOS • Android	• iOS • Android	/

Name	Description	Feature overview	Changelog	API Reference
Smart Lock SDK	The Smart Lock SDK enables you to integrate with smart lock-specific features, including dynamic passwords, temporary password management, lock usage records, and user management. For Wi-Fi video lock products, the SDK provides features including video calls, live streaming, and cloud-stored video playback.	• iOS • Android	/	/

Name	Description	Feature overview	Changelog	API Reference
MiniApp SDK	Serves you with a full lifecycle solution that encompasses development, deployment, product experience and analytics, and launching. This SDK lowers the bar for multi-platform development with the minimum R&D cost and enhances the development efficiency and experience.	• iOS • Android	/	• iOS • Android

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The Smart Camera SDK, Smart Travel SDK, Sweeper SDK, and Smart Lock SDK belong to the extension SDK. Based on the **SmartLife** App SDK, these SDKs encapsulate specified features for the vertical resources and facilitate the development of products in vertical fields.

2. UI BizBundles

Tuya provides no-code UI BizBundles based on the **SmartLife** App SDK and other respective SDKs. You can call the required APIs to implement the full functionality of a specific category with a few simple steps. SmartLife App SDK supports the following UI BizBundles.

Name	Description	Feature overview
Device Control UI BizBundle	Provides the service logic and UI encapsulation to load and control device panels and accelerates app development.	• iOS • Android
IPC UI BizBundle	Provides the panel service logic and UI encapsulation for IPCs and accelerates application development.	• iOS • Android
Mall UI BizBundle	Provides the service logic and UI encapsulation for the app mall and accelerates application development.	• iOS • Android
Device Pairing UI BizBundle	Provides the service logic and UI encapsulation to guide pairing and activate smart devices over protocols such as Wi-Fi, Zigbee, Bluetooth, and General Packet Radio Service (GPRS), and accelerates application development.	• iOS • Android

Name	Description	Feature overview
Lighting Scenario UI BizBundle	Provides the capabilities to create, modify, and control lighting scenarios that utilize smart lights in a specific space.	• iOS • Android
Scene UI BizBundle	Provides the service logic and UI encapsulation for smart scenes and accelerates application development.	• iOS • Android
Cloud Storage UI BizBundle	Provides the service logic and UI encapsulation for cloud storage and accelerates application development.	• iOS • Android
FAQ UI BizBundle	Provides the service logic and UI encapsulation for FAQ and feedback and accelerates application development.	• iOS • Android
Home Management UI BizBundle	Provides the logic and UI encapsulation for home services and accelerates application development.	• iOS • Android
OTA UI BizBundle	Provides the service logic and UI encapsulation for OTA firmware updates and accelerates application development.	• iOS • Android

Name	Description	Feature overview
Devices Details UI BizBundle	Provides the service logic and UI encapsulation for device details and accelerates application development.	• iOS • Android
Maps Service UI BizBundle	Provides the service logic and UI encapsulation for map services and accelerates application development.	• Android
Voice Skills Account Linking UI BizBundle	Enables quick binding between users' app account and voice skills of Amazon Alexa and Google Assistant.	• iOS • Android
Group Management UI BizBundle	Allows users to create, edit, and control Wi-Fi smart device groups.	• iOS • Android
Theme Color Configuration BizBundle	Aligns theme color schemes of UI BizBundles with the theme style of your app.	• iOS • Android
Multi-Control Linkage UI BizBundle	Enables or disables multi-control linkage.	• iOS • Android
Sharing UI BizBundle	Allows users to share text, images, and other content with third parties by copying, SMS, email, or WeChat.	• iOS • Android

3. BizBundles

Tuya provides additional no-code BizBundles based on the **SmartLife** App SDK. You can call the required APIs to implement the full functionality of a specific category with a few simple steps. The following table lists the BizBundles.

Name	Description	Feature overview
Panel Multilingual BizBundle	Returns and updates the multilingual packages to support the panel functions for a specific PID.	• iOS • Android
Generic Pairing BizBundle	Returns and updates a list of devices that can be paired with your SDK app.	• iOS • Android