



App SDK Access Guide

App Development > SDK Development

Version: 20200602

Contents

1 Home SDK	1
1.1 Features Overview	1
1.2 Links	1
2 IPC SDK	2
2.1 Features Overview	2
2.2 Links	2
3 Sweeper SDK	3
3.1 Features Overview	3
3.2 Links	3
4 Lock SDK	4
4.1 Features Overview	4
4.2 Links	4
5 Device Control Biz Bundle	5
5.1 Features Overview	5
5.2 Links	5
6 IPC Biz Bundle	6
6.1 Features Overview	6
6.2 Links	6
7 H5 Mall Biz Bundle	7
7.1 Features Overview	7
7.2 Links	7

1 Home SDK

1.1 Features Overview

Home SDK provides the interface package for the communication with hardware and Tuya Cloud to accelerate the application development process. Developers can quickly develop app functions based on SDK, realize the activation of intelligent hardware, hardware control, firmware upgrades, timed tasks, intelligent scenarios and other operations.

The SDK includes the following features:

- Account system (phone number, email registration, login, password reset and other general account functions)
- Home system (home management, room management, home sharing and other functions)
- Hardware functions (network configuration, control, status reporting, timed tasks, groups, firmware upgrades, sharing)

1.2 Links

[iOS Home SDK Document Links](#)

[Android Home SDK Document Links](#)

2 IPC SDK

2.1 Features Overview

IPC SDK provides the interface package for the communication with camera hardware and Tuya Cloud to accelerate the application development process. Including the following features:

- Preview the images captured by the camera in real time.
- Play the video recorded in the camera's memory card.
- The phone side records the image collected by the camera.
- Play audio from the camera and talk to the camera equipment.
- The function of publish or receive camera commands.
- Cloud storage.
- Detect alarm message.

2.2 Links

[iOS IPC SDK Document Links](#)

[Android IPC SDK Document Links](#)

3 Sweeper SDK

3.1 Features Overview

Tuya Smart Sweeper SDK is based on the Tuya Smart Home SDK, which expands the interface package for accessing the related functions of the sweeper device to speed up the development process.

Mainly includes the following functions:

- Streaming media (for gyro or visual sweepers) universal data channel
- Data transmission channel of laser sweeper
- Laser sweeper real-time / historical sweep record
- Sweeper universal voice download service

3.2 Links

[iOS Sweeper SDK Document Links](#)

[Android Sweeper SDK Document Links](#)

4 Lock SDK

4.1 Features Overview

Tuya Smart Lock SDK provides function packaging with smart door lock devices to speed up and simplify the development process of door lock application functions, including the following functions:

- Door lock user system (including lock user management, associated password, fingerprint, card, etc.)
- Door lock password unlocking (including dynamic password, temporary password management, etc.)
- Door lock usage records (including door lock unlock records, doorbell records, alarm records, etc.)

4.2 Links

[iOS Lock SDK Document Links](#)

[Android Lock SDK Document Links](#)

5 Device Control Biz Bundle

5.1 Features Overview

Device Control Biz Bundle is the core container of Tuya Smart Device Control Panel, based on the Home SDK, it provides the interface package for loading and controlling the device control panel to speed up the application development process. It mainly includes the following functions:

- Load Device Panel (Supported hardware device type: WIFI, Unsupported: Zig-bee、 Mesh、 BLE)
- Device Panel Control (Supported Device and Group Control, Unsupported Group Manager)
- Device Alarm

5.2 Links

[iOS Device Control Biz Bundle Document Links](#)

[Android Device Control Biz Bundle Document Links](#)

6 IPC Biz Bundle

6.1 Features Overview

IPC biz Bundle (TuyaCameraPanelSDK) is a series of panel SDK related to camera functions developed based on IPC SDK.

It mainly includes the following functions:

- Preview panel
- playback panel
- cloud storage panel
- message center panel
- album panel
- settings panel

6.2 Links

[iOS IPC Biz Bundle Document Links](#)

[Android IPC Biz Bundle Document Links](#)

7 H5 Mall Biz Bundle

7.1 Features Overview

H5 Mall Biz Bundle provides an container that hosts the “App Mall”, so that your app has powerful mall capabilities and allows mobile traffic to be realized through the mall.

7.2 Links

[iOS H5 Mall Biz Bundle Document Links](#)

[Android H5 Mall Biz Bundle Document Links](#)