



# **Create OEM App for Smart Life**

Version: 20250811

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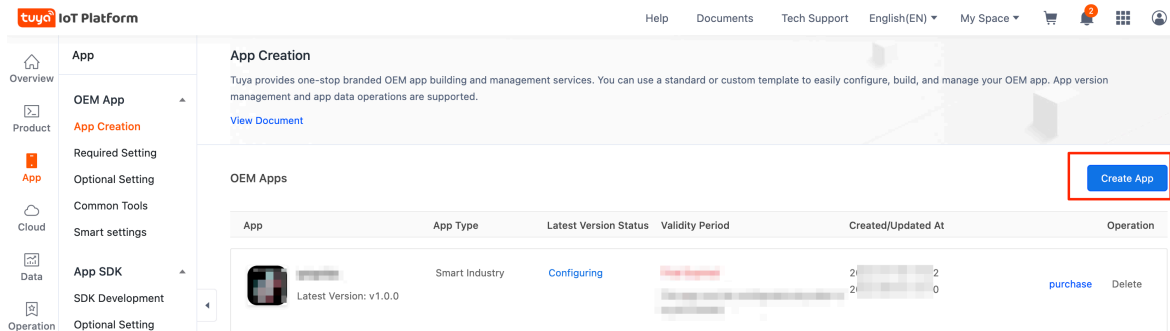
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## 1. Create OEM App for SmartLife

This topic describes how to create, configure, and launch an OEM app for Smartlife on the [Tuya Developer Platform](#) .

## 2. Create app

1. Go to [Tuya Developer Platform > App > OEM App > App Creation](#) .
2. Click **Create App**. In the **Select OEM App Category** dialog box, click **Create** for the **SmartLife** category.



3. In the dialog box that appears, enter the app information, and carefully read and accept the terms in **OEM App Service and Software License Agreement**.

Option	Description	Example
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Option	Description	Example
Edition Type	Choose between the following edition types to fit your needs: <ul style="list-style-type: none"><li>• <b>Basic Edition:</b> Provide all features of the SmartLife app for you to quickly build a branded smart app.</li><li>• <b>Advanced Edition:</b> Push the boundaries of quick build of branded smart apps and take your app customization to the next level, powered by Siri voice assistant and other capabilities. For more information, see <a href="#">OEM App Plans on Tuya Developer Platform</a>.</li></ul>	<b>Advanced Edition</b>
	The app name will be displayed on the user's mobile phone home screen. We recommend that you enter a name within 6 characters in Chinese or 12 characters in English.	<b>Smart app</b>

Option	Description	Example
	<p>The unique identifier used for launching apps on app stores.</p> <ul style="list-style-type: none"> <li>Try to include the organization's domain name to ensure a unique package name or bundle ID.</li> <li>If the package name or bundle ID already exists on an app store, the app cannot be launched on that app store.</li> </ul>	
<ul style="list-style-type: none"> <li><b>Package Name for Android</b></li> <li><b>Bundle ID for iOS</b></li> </ul>	<ul style="list-style-type: none"> <li>Recommend letters and numbers. Three sections are recommended. Each section is separated from the other sections with periods (.) and starts with a letter. The characters such as "tuya" cannot be used. For example, if the Tuya domain name is <code>tuya.com</code>, the package name can be set to <b>com.tuya.smart.</b></li> </ul>	<code>com.testapp.smartiot</code>

Option	Description	Example
<b>App Schema</b>	Optional. If not specified, the app schema is automatically generated based on the package name or bundle ID. The app schema cannot be modified after it is confirmed. It is mainly used to evoke this app on the mobile phone and is also related to the URL of the QR code to print.	<b>Auto Generated</b>
<b>Targeted Locations</b>	<p>You must select the countries or regions where your app is available. This setting determines the available configurations and installation packages to be built in subsequent steps. You can click each option to view details.</p> <p>The Global option is described as an example in the following sections.</p>	<b>Global</b>

Create App ×

## Creating OEM App for Smart Life

[View Docs ↗](#)  
[Modify Mappings Between OEM App Accounts and Data Centers ↗](#)

\* Edition Type:

**Basic Edition**  
Provide all features of the Smart Life app for you to quickly build an IoT app.[Learn More >](#)

**Advanced Edition**  
Support features such as custom app tools, adaption to tablets, and control with Siri on top of the Standard edition to make your apps stand out.[Learn More >](#)

\* App Name ⓘ:

Enter an app name with up to 6 characters

\* Package Name for Android ⓘ:

Recommended format: com.xxx.xxx

\* Bundle ID for iOS ⓘ:


Recommended format: com.xxx.xxx

App Schema:

☒ Auto Generated ☐ Manual Setting

\* Targeted Locations:

☐ Global ☐ Outside Mainland China ☐ Mainland China

 This setting cannot be modified after app creation.

\* Email Address ⓘ:

28[REDACTED]m

☐ I Agree to [OEM App Service and Software License Agreement](#)

4. Click **Build Now**.



## 3. Configure app

Certain settings mentioned in the following sections can be applied only after you subscribe to the **Advanced edition** or purchase the value-added service **Custom App Tools** of the app. Otherwise, the default configuration takes effect or the preset configuration is automatically used according to the specified background color.

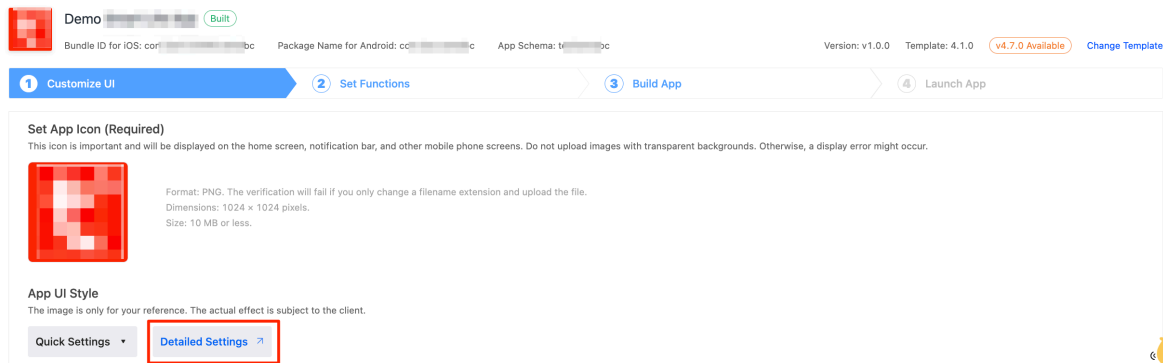
### 3.1. Customize UI

The custom UI styles determine the logo and appearance of your app.

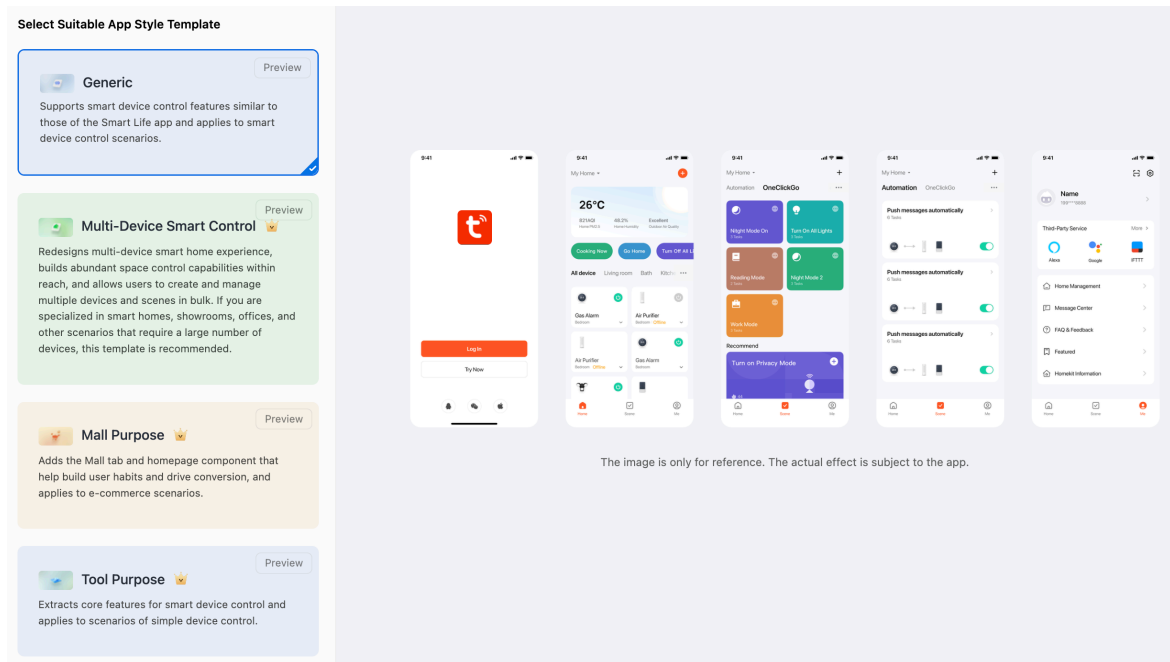
#### 1. Set **App Icon**.

- Only square images in the .png format are supported. Do not upload images with **transparent** backgrounds. Otherwise, a display error might occur.
- The dimensions must be 1024 × 1024 pixels.
- The file size cannot exceed 10 MB.

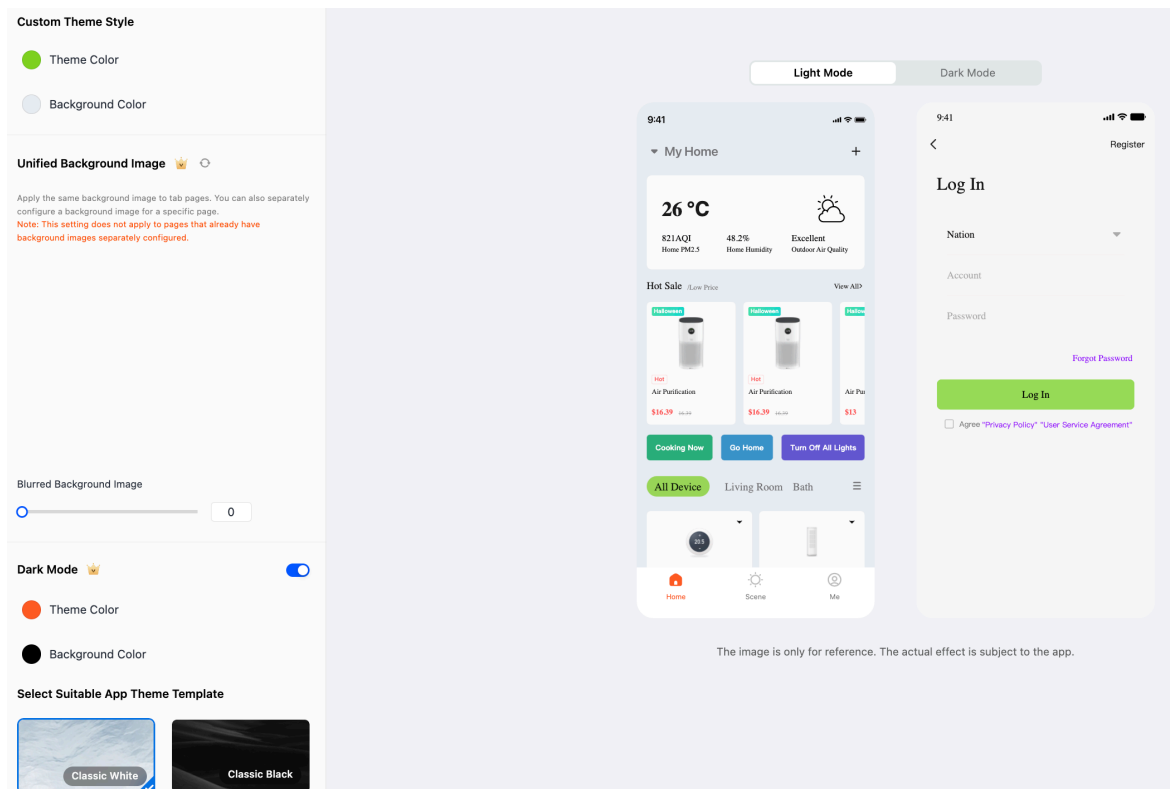
#### 2. Click **Detailed Settings** to navigate to the Custom App Tools.



#### 3. Select a suitable app style template to quickly finish UI settings.

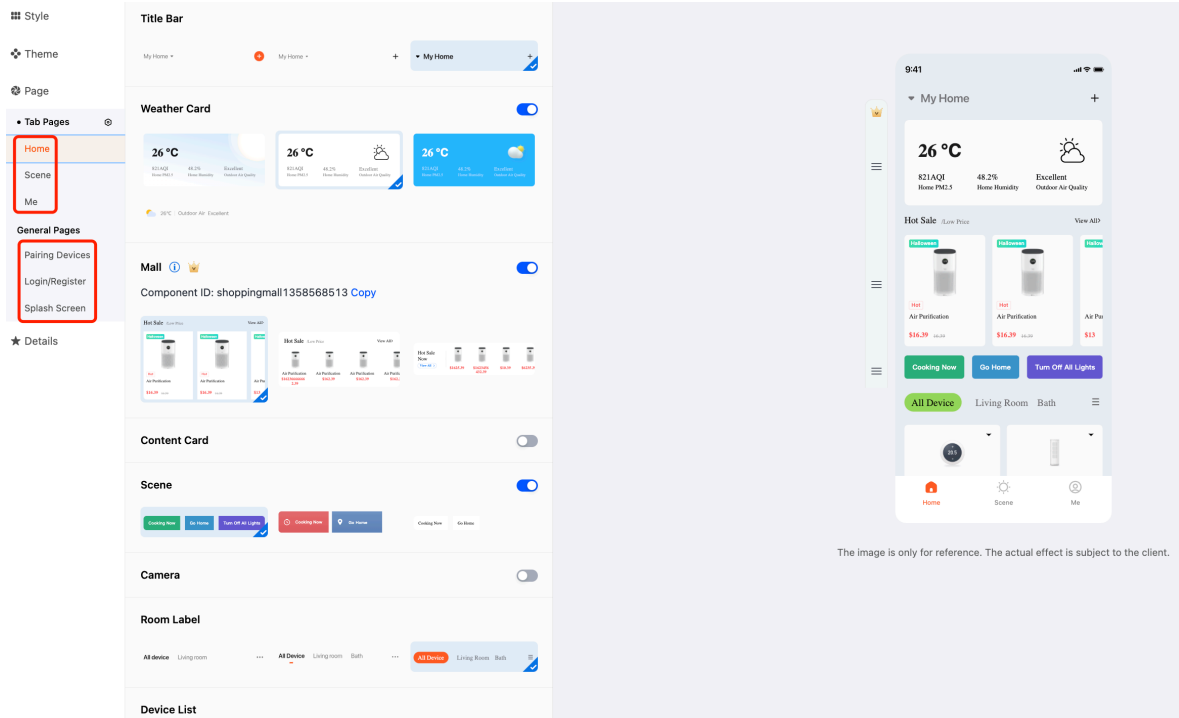


4. Set **Theme**. You can configure the **Custom Theme Style**, **Unified Background Image**, **Dark Mode**, and **Select Suitable App Theme Template** sections as needed.



5. Set **Page**. This component is divided into:
- **Tab Pages**: includes the settings of **Home**, **Scene**, and **Me**.

- **General Pages:** includes the settings of **Pairing Devices**, **Login/Register**, and **Splash Screen**. After all desired settings are finished, in the top right corner of the page, click **Save**, rebuild the app, and then install it on a mobile phone to view the latest custom app.

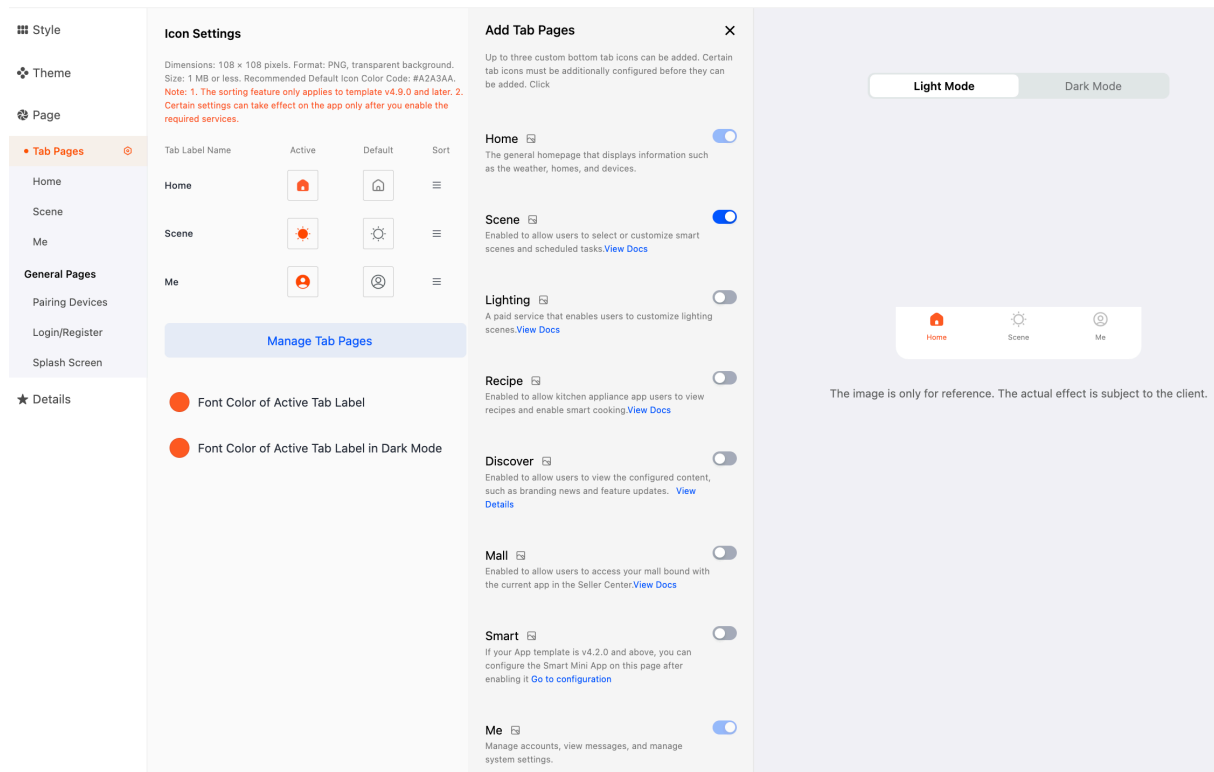


The system displays the settings available for the page. You can set the style of different components to be displayed on the page. For example, you can configure **Home** through the following steps:

1. Set the switch next to a component to enable or disable the component.
2. After the component is enabled, select a style for the component as needed.
3. In the right-side pane, drag and drop the component on the previewed page to a specific location and arrange the layout of the components on this page.
6. Choose **Pages > Tab pages** and customize **Icon Settings**. You can upload your own icons in the .png format. The dimensions must be 108 × 108 pixels.

Tuya provides default icons. Also, you can upload the desired icon. Certain tab icons can be sorted.

As shown in the following figure, an icon in the **Default** state represents an inactive icon.

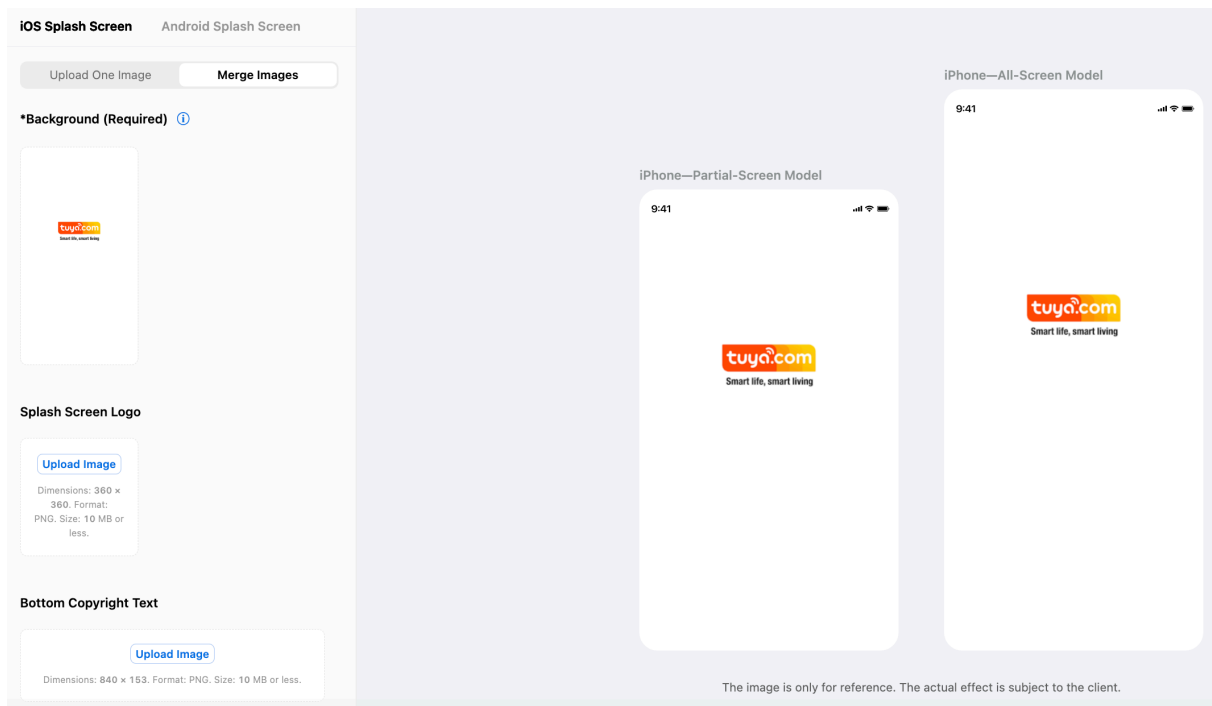


These settings do not make all the tab icons displayed on the app. To display desired tab icons, go to [Step 2: Set Functions > Tab Icon Features](#) and enable their features. In addition to these steps, the **Mall** tab icon is displayed only after the target mall is bound with the current app in the [Seller Center](#).

## 7. Choose **Pages > General pages** and set **Splash Screen**.

A splash screen is automatically generated after you **upload the app icon**. You can also upload a preferred page to change the existing one. The background image of a splash screen must meet the following requirements:

Platform	Image format	Upper limit of image dimensions
iPhone	PNG	1284 × 2788 pixels
iPad	PNG	2732 × 2048 pixels
Android	PNG	1080 × 1920 pixels, 1080 × 2160 pixels

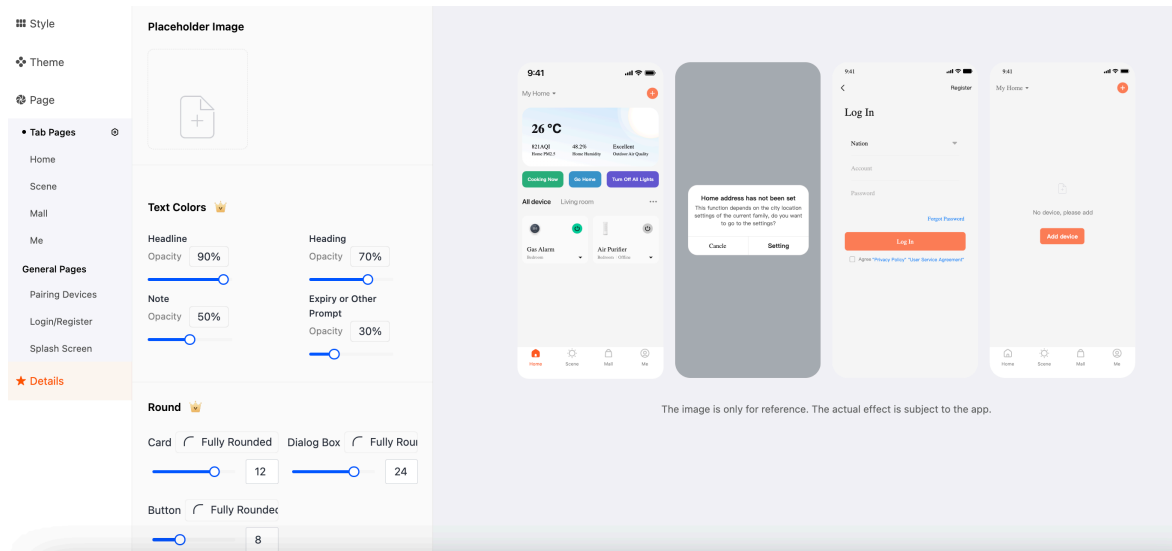


- You can **upload one image** or **merge images** as the background image of a splash screen for iOS and Android. The app automatically merges the uploaded images as previewed into a splash screen for the current aspect ratio. This can avoid image distortion.
- If the **Adapt to Tablet** feature has been enabled and the **Merge Images** mode is selected, you must upload a new background image of the splash screen for Android without a logo.

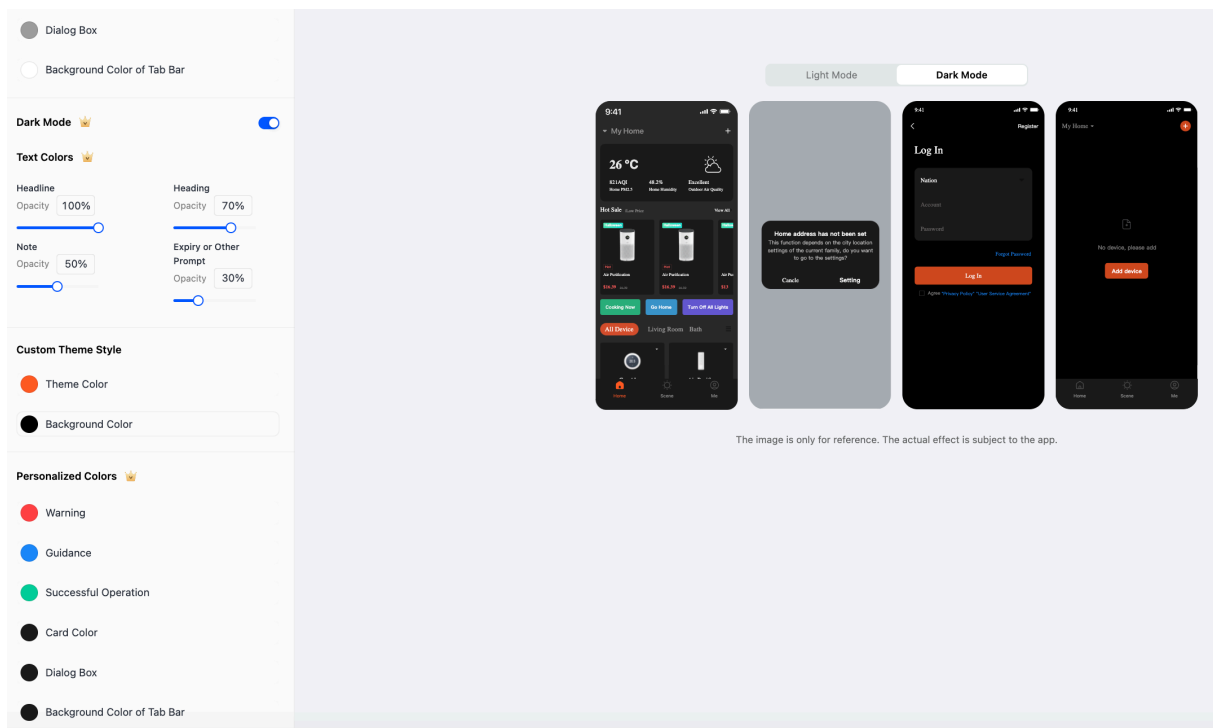


To preview the default effect, click **Restore Default**. Then, the system will display the default splash screen for tablets with a white background image that adapts to your app icon.

8. Set **Details**. You can configure the placeholder image, text color transparency, and right-angle or round corners of cards, buttons, and dialog boxes, customize the theme style, and personalize colors.



When the template version used by your app is **v3.25.2 or later**, the **dark theme** can be enabled. App users can choose **Me > Settings > Dark Mode** to select the mode or follow the system settings.






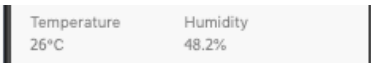
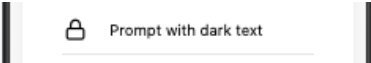
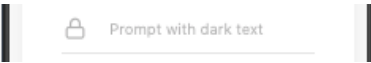
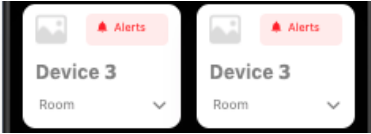
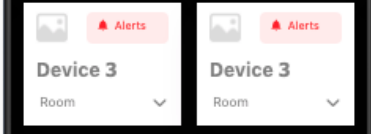



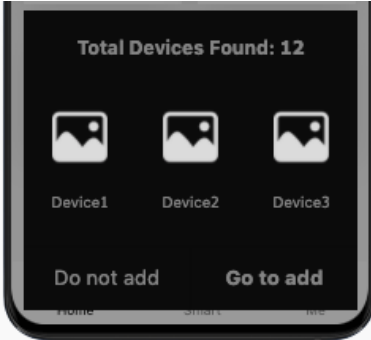
- The setting at **Details > Personalized Colors** cannot be the same as the setting at **Theme > Background Color**.
- The setting at **Theme > Theme Color** cannot be the same as the setting at **Theme > Background Color**.
- The setting at **Details > Background Color of Tab Bar** cannot be the same as the setting at **Page > Tab Icon > Font Color of Active Tab Label**.

The following table shows Previews A and B of each detailed setting for your reference.



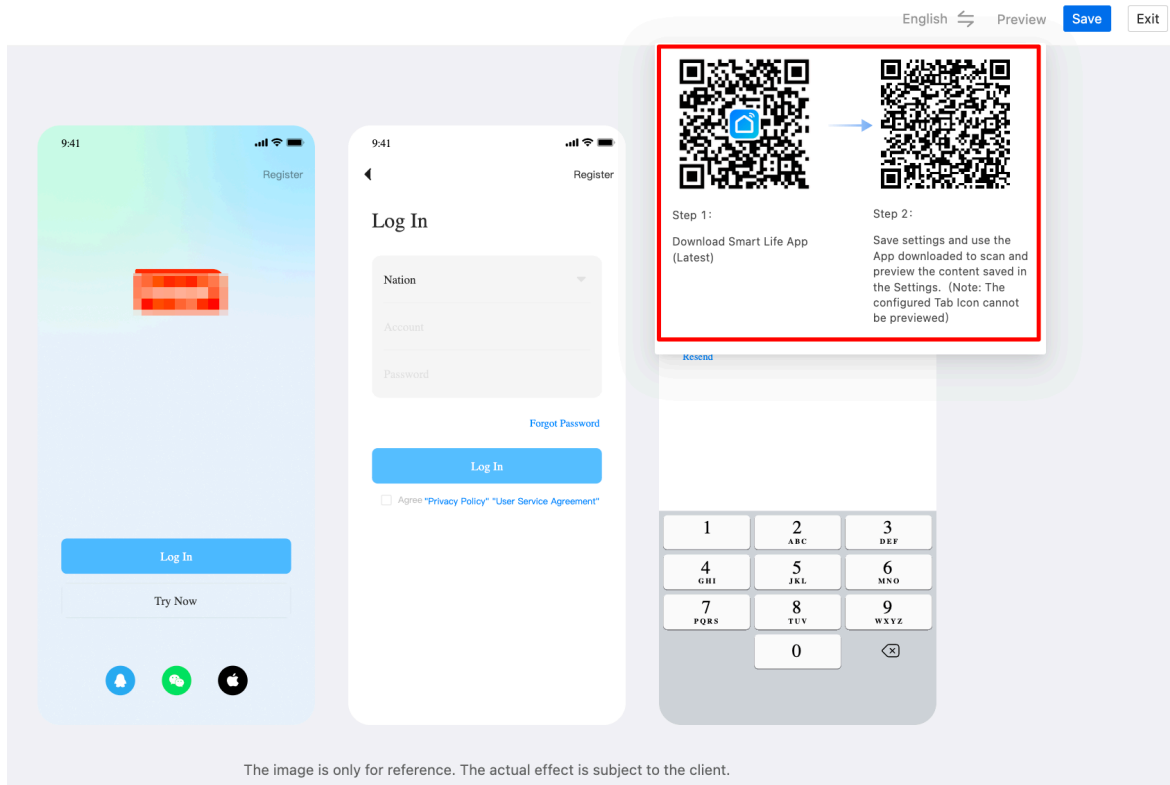
The following settings do not apply to specific control panels and webpages.

Item	Preview A	Preview B
Background color of cards		
Background color of dialog boxes		
Background color of tab bars		
Text transparency of headlines		
Text transparency of headings		

Item	Preview A	Preview B
Text transparency of notes		
Text transparency of expiration prompts		
Right-angle or round corner of cards		
Right-angle or round corner of buttons		
Right-angle or round corner of dialog boxes		

- After UI customization, in the top right corner of the page, click **Save > Preview**, and follow the instructions that appear to scan a QR code and download the app. Then, the app with the latest UI settings can be previewed.





- To try an OEM app with a few simple clicks, after the preceding settings, return to the build process and click **Next: Set Functions**.
- You can use the default settings of the basic functions or modify the settings. Then, click **Next: Build App > Build**, wait until the app is built, and then test the app. **Each version can be built up to 10 times a day and up to 30 times a month.**

## 3.2. Set functions

1. **Extended Functions:** You can choose whether to enable or set the functions.

1 Customize UI

2 Set Functions

3 Build App

Extended Functions

Third-Party Voice Assistants

Advanced Functions

Information Configuration

About Us

Edit

Copyright Information

Edit

Registration-free Mode

After this function is enabled, you can use certain functions of the app without the ne...

☒

User Agreement

Entry to view User Agreement on About page

☒

App Features

Scan

Turn off the scan function in Personal Settings and Add Devices

☒

Bluetooth Mesh

When enabled, Bluetooth devices may be added

☒

Gesture Password

Turn on this function to lock the app with a gesture password.

☒

Support Wi-Fi EZ Pairing

☒

Privacy Policy

Entry to view Privacy Policy on About page

☒

- **About Us:** You can enter your official website URL in the format of `https://` . If the URL does not start with `https://` , this page cannot be opened on the app. Currently, only the pages in Chinese and English are supported. To navigate to a page in another language, enter the URL in the field for the English language.
- **Copyright Information:** Enter the copyright information. Only Chinese and English are supported. To view the copyright information on the app, tap **Me** at the bottom of the page, tap the **setting** icon in the top right corner of the page, and then tap **About**.
- **Registration-free Mode:** After this function is enabled, users can access certain functions of the app without the need to register. After the account information is completed, the information such as the device bound in the unregistered state applies to the new account. Currently, the function is available for a free trial. However, a subscription will be required later before this function can be enabled. The apps that already have the function enabled will not be affected.

- **User Agreement:** Due to the rules of the major app stores, it is enabled by default. After it is enabled, the logged-in user can also view the latest version of the user agreement.
  - **Scan:** You can choose whether to enable this function.
  - **Bluetooth Mesh:** You can choose whether to enable device pairing over Bluetooth. If you disable the Bluetooth mesh service, make sure that the devices to be paired do not include Bluetooth devices.
  - **Gesture Password:** You can choose whether to enable this function for the app. If it is enabled, a gesture password can be used to lock and unlock the app and enhance security.
  - **Wi-Fi EZ Pairing:** You can choose whether to enable this function.
  - **Privacy Policy:** Due to the rules of the major app stores, it is enabled by default. After it is enabled, the logged-in user can also view the latest version of the user agreement.
  - **OTA Update:** Set the default on/off status of auto update and allow users to modify this setting on the app.
2. If your product supports a smart speaker, you can select the required voice assistant, and add the name of the supported skill in the input box next to the name of the voice assistant. Then, users can choose **Me > Third-Party Voice Services** on the app to see the icon for navigation to the documents.

Extended Functions


Third-Party Voice Assistants

Advanced Functions

Third-Party Voice Assistants

If your product supports voice assistants, users can open the app, choose Me > Third-Party Voice Services, and then select a preferred one. For more information, see the documents for each voice service on the app.


☒


 Support Alexa [View Docs](#)

☒ Customize Only Skill Name ☐ Customize Document Content

Skill Name


App Name

**OEM Amazon Alexa Skill**  
Quickly builds and releases Amazon Alexa Skills for your brand to help you showcase your brand and improve competitiveness.  
Status: Not Subscribed [Subscribe](#) [Service Description](#)

**Amazon Alexa Skill Account Linking**  
Links an OEM app account with an Alexa account to facilitate skill configuration and optimize user experience.  
Status: Not Subscribed [Subscribe](#) [Service Description](#)

Save

☐

 Support Google Assistant [View Docs](#)

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- If you select **Customize Document Content**, you can click **Edit File** to edit the document in a preferred language in the dialog box. You can modify and save this template. This way, users can view the latest version of the text.
- To create a document in languages other than Chinese and English, you must first create the version in English and click the language drop-down list, select the required language, and then edit the content.



- ▶ If you enable Alexa and Google Assistant for your app, you must subscribe to the OEM skills for each of the voice assistants. Otherwise, the voice control might fail.
- ▶ The Alexa app-to-app account linking is available. In the **Support Alexa** section, click the hyperlink **Service Description** for the desired capability to view the description or click **Subscribe** to purchase the service.
- ▶ You can enable or disable a voice-enabled service, or modify the document for the service, without the need to rebuild the app.

3. Go to the **Advanced Functions** tab to configure the features that are required for launching on app stores and subscribe to and configure the recommended services. You can complete the configurations as needed. You can also simply click **Next: Build App** to build and test the app and complete the required configurations later.

Extended Functions

Third-Party Voice Assistants

Advanced Functions

Take Effect After Build

Take Effect in Real Time

Basic Features

Advanced Edition Trial is currently used. The following features are available only after you upgrade to Advanced Edition.

Valid To 2023-09-28

Upgrade Now

Quick Login on Mobile Phone

Subscribed

Valid To 2023-09-28

Allow users to quickly log in to the app with a registered mobile phone number.

Integrate with Matter

Subscribed

Valid To 2023-09-28

Allow app users to pair Matter devices and improve compatibility with Matter.

Custom Domain Name

Available only after subscription.

Configure a custom domain name for your app to improve the uniqueness of your app services.

Advanced Features

Advanced Edition Trial is currently used. The following features are available only after you upgrade to Advanced Edition.

Valid To 2023-09-28

Upgrade Now

Integrate with Siri

Subscribed

Valid To 2023-09-28

Enable the Siri voice assistant for your app, so smart scenes predefined on the app can be implemented simply by voice control with Siri.

Adapt to Tablets

Subscribed

Valid To 2023-09-28

Enable your OEM app to be compatible with tablets.

### 3.3. Build app

1. In the step of **Build App**, click **Build**.
2. **Select App Stores:** For the first time you open this page, select the types of app stores on which the app will be launched.

1 Customize UI 2 Set Functions 3 Build App 4 Launch App

1 Select App Stores 2 Complete App De... 3 Build and Downloa...

#### Select App Stores

The development configurations can vary, depending on different types of app stores. Finish the required configurations for the target app stores before you can build and download configurations or rebuild the app when it is being built. You can take modifications only after the build is finished.

☒ Launch on Apple App Store for Global Locations Your app has configurations modified and must be rebuilt.  
An Apple developer account must be used to download and test the app on TestFlight after it is built.

☒ Launch on Android App Stores Inside Mainland China Your app has configurations modified and must be rebuilt.  
1. This package is used only for testing. To launch your app on app stores, go to the Launch App step and download the installation package.  
2. The mainland China-specific package provides more services to meet the requirements of users in mainland China. These extra services include push notification services through mi, Xiaomi, OPPO, vivo, Huawei, and Meizu, AutoNavi, and login with accounts of social media apps such as Tencent QQ and WeChat.

☒ Launch on Google Play Outside Mainland China Your app has configurations modified and must be rebuilt.  
To launch your app on Google Play, after the app is built go to the Launch App step and download the bundle file.

Previous Next

Previous: Set Functions

After you select one or more types of app stores, the platform shows the required configurations to have your app launched on the respective app stores. The all-around pre-launch checklist and personalized guidance are tailored for a specific app. The development process is classified into two types:

- **App for Launch:** For this type of development process, the platform evaluates the actual conditions of your app, for example, the target app stores and purchased value-added services. Then, if necessary, the platform guides you to complete unfinished required configurations.
- **App for Test:** You can start building the app soon after one or two required configurations are completed for tests.

The screenshot displays the 'Build App' step in the Tuya app development process. At the top, a progress bar shows four steps: 1. Customize UI, 2. Set Functions, 3. Build App (active), and 4. Launch App. Below the progress bar, there are two main sections: 'App for Launch' and 'App for Test'. The 'App for Launch' section includes a checkbox for '64-bit package' and a 'Used for Launch' button. The 'App for Test' section includes a 'Used for Test' button. To the right, a sidebar shows a checklist of steps: 'Select App Stores' (checked), 'Complete App Development...' (active), 'Build and Download App' (next), and 'Previous' and 'Next' buttons. Below these sections, a progress bar for 'Official Version' shows 'Build App at 100%. Current Progress: 0%'. The main area contains a grid of configuration cards, each with a 'Configure' button. The cards are: 'Certificates for iOS' (Unfinished (Required)), 'Android Certificate' (Unfinished (Required)), 'User Agreement' (Unfinished (Required)), 'Data Center' (Unfinished (Required)), 'Privacy Policy' (Unfinished (Required)), 'Children's Privacy Protection Stat...' (Unfinished (Optional)), 'Map' (Unfinished (Optional)), 'Custom Domain Name' (Unfinished (Optional)), 'Third-Party SDK Service Agreement' (Unfinished (Optional)), and 'Account Security for Google Play' (Unfinished (Optional)). At the bottom, there are 'Previous: Set Functions' and 'Complete all required configurations and build the app before it can be launched.' buttons.

3. **If the app is built**, you can use a mobile phone to scan the QR code to download and install the app for tests. The QR code automatically identifies the mobile phone operating system and supports both Android and iOS. Click **Get QR Code** to download and share the QR code of the test package with other internal users for tests. The QR code is available only within a validity period and only used for testing within your organization.
4. **In the very rare case that the build fails**, an error message is returned to help you troubleshoot the error. You can also [submit a ticket](#) to request technical support.

## 4. Trial app

The trial app is created and configured on the [Tuya Developer Platform](#) through the above process. After the app is built, you can scan the QR code for the trial version to download and install the app on your mobile phone.

- The trial app is valid for 30 days from the date of creation. After expiration, the trial app cannot be edited or built and the installed app on the mobile phone cannot be used as expected.
- The installation package of the trial app cannot be used to launch the app on app stores. You must purchase the OEM App service and complete the required configurations before the app can be launched.

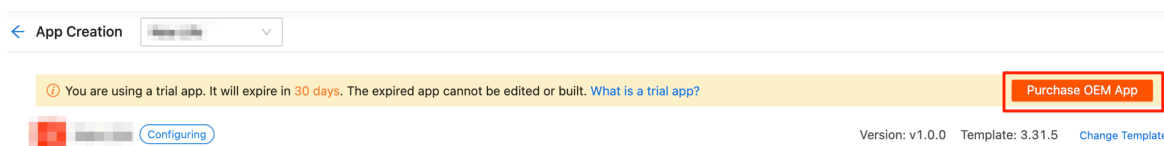
## 5. Official app

If you have already purchased the OEM App service, ignore this step and launch the app on app stores.

### 5.1. Purchase OEM App service

If your app passes the test, you can launch the app on app stores. If the [OEM App service](#) is not purchased, you cannot get the installation package for launching. After the trial app expires, you cannot continue to use the app.

1. Click **Purchase OEM App** and go to [Value-Added Services](#) to place an order and complete the payment.

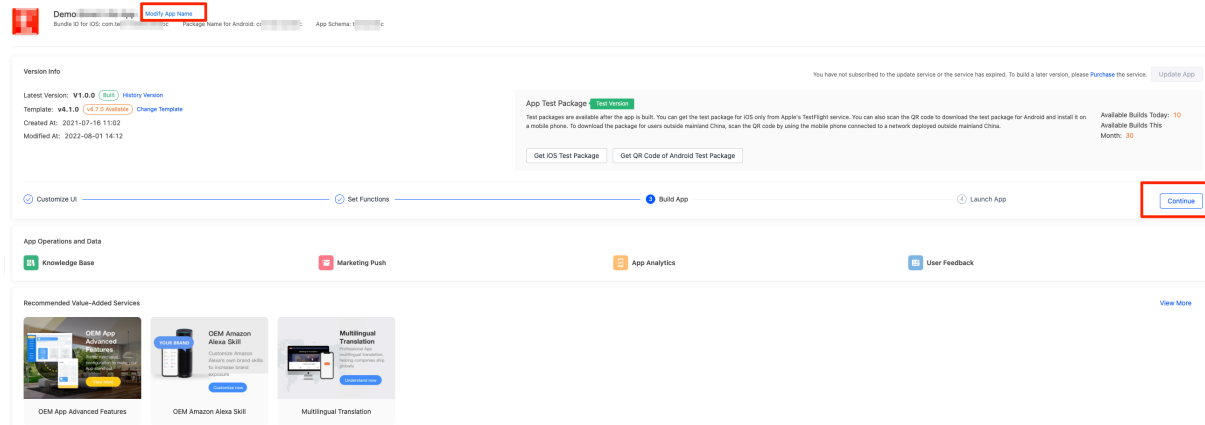


2. Check and confirm the order information. If all the information is correct, you can click **Buy Now**.
  - **Confirm Order:** If your OEM app has been paid offline, provide your order number and contact Tuya's account manager to bind the payment.
  - **Invoice Information:** You can choose whether to request an invoice. If you want an invoice, after the service is completed, contact Tuya's account manager and provide the invoice information to get an invoice.
3. After you select the payment method and complete the payment, you can return to the Tuya Developer Platform and continue to configure your app.

### 5.2. App overview

After you subscribe to the OEM App service, enter the **app overview page** from the OEM app list and update the following information as needed.





- **Modify App Name:** Currently, the name can be set only in Chinese and English. If the name in Simplified Chinese is not specified, the name in English is displayed.
- **History Version:** If you have created two or more versions of your app, click **History Version** to view the configuration information of the historical versions.
- **Change Template:** If the template version of your app is earlier than the latest template on the Tuya Developer Platform, you can choose **Change Template > Update** to select the latest template. The updates take effect only after you rebuild the app. Click **View Release Notes** to view the functions of the latest template.



If you want to get notified of the latest template, you can subscribe to **App Update** notifications from the [Subscriptions](#) service.

- **Continue:** Click here to enter the last configuration page of the latest version.
- **App Operations and Data:** You can view the app analytics and feedback from the users, and check information about the marketing tools for the app.
- **Recommended Value-Added Services:** If you want to subscribe to more functions of the app, you can view and subscribe to desired services.

## 6. Launch app

### 6.1. Method 1: Purchase App Launch Service

- Find and subscribe to **App Launch Service** at **Advanced Functions > Take Effect in Real Time > Independent Subscriptions**.

Independent Subscriptions

<b>App Mall</b> <span>Not subscribed</span> Make a breakthrough growth through this all-new smart sales channel.	<a href="#">Subscribe</a>
<b>Verify with Mobile Phone SMS</b> <span>Not subscribed</span> Allow users to log in to your OEM app without entering a mobile phone number or verification code. Thus, the user experience and conversion rate can be greatly improved.	<a href="#">Subscribe</a>
<b>Push Notification by Phone Call</b> <span>Not subscribed</span> Consumers can set scene automation and device alerts by phone call on your app and enjoy friendly and considerate app services. Thus, your app revenues can be increased accordingly.	<a href="#">Subscribe</a>
<b>Push Notification by SMS</b> <span>Not subscribed</span> Consumers can set scene automation and device alerts by SMS on your app and enjoy friendly and considerate app services. Thus, your app revenues can be increased accordingly.	<a href="#">Subscribe</a>
<b>App Launch Service</b> <span>Not subscribed</span> Provide fully-managed app launching services, including launching documents preparation and app push notifications.	<a href="#">Subscribe</a>



After you modify the content in the development step, such as UI and extended functions, you must rebuild the app.

- If you have not purchased the App Launch Service, we recommend that you purchase this service in advance. Because certain required functions of the app depend on third-party platforms, Tuya provides related configuration services for **Location**, **App Certificate**, and **Push Certificate**.
- If you have already purchased the **App Launch Service**, the system will display a prompt, and Tuya's staff will contact you. You can ignore the steps for launching and Tuya's staff will complete the follow-up operations.

### 6.2. Method 2: Launch app by yourself

- If the app is not fully configured, you will be prompted to configure it. You can click **Configure** for each item to complete the required configurations.



As long as any configuration is modified, the app must be rebuilt to make the modification take effect. After the configuration is completed, you can **rebuild the app**. To accelerate the build process, we recommend that you complete all the configurations at once before building.

2. After the app is built, uninstall the previous app version and install the latest version for testing. Check whether the push notifications and map function for Android take effect, and continue to launch the app. Push notifications for iOS can be tested only after the app is launched.
- You can upload and download the bundle for iOS on the Tuya Developer Platform. **To pass the strict review of apps for iOS, carefully read the operation manual and launch your app with respect to the specifications.**
  - The installation package for Android supports Android (mainland China) and Google Play-specific packages. Starting in August 2021, new apps will be required to launch with the Android App Bundle on Google Play.
  - By default, the Android (mainland China) package includes the **AutoNavi map service**. It allows login with **WeChat** and **Tencent QQ** accounts and supports push notifications for multiple mobile phone brands.

- The Google Play-specific package includes **Google Maps** and **Google Push** services.

**Get Launch Package**

Launch Package for iOS

Note: Provide a complete installation package for iOS for a launch on the App Store.

Scope: App Store only

View Docs: [Release Apps for iOS](#) [App Store Version Updates](#)

Launch Type: ☒ Auto Upload  
After simple configurations for the launch, the package is automatically uploaded. You do not need to install dedicated tools to upload the package. This accelerates the upload process and minimizes the errors that might occur during the upload.

☐ Manual Upload  
After you download the installation package for iOS, you must install a dedicated tool to upload the installation package. The manual upload takes longer than the auto upload. For more information, see [Launch an App for iOS](#)

Operation: [Upload Installation Package](#)

Launch Package for Android

Type:	Android (Mainland China)	Google Play-Specific
Note:	Provides comprehensive capabilities. The mainland China-specific package provides more services than the Google Play-specific package to meet the requirements of users in mainland China. These extra services include push notification services through multiple channels such as Umeng, Xiaomi, OPPO, vivo, Huawei, and Meizu, AutoNavi, and login with accounts of social media apps such as Tencent QQ and WeChat.	Compared with the mainland China-specific package, the Google Play-specific package does not include the services that are required by users in mainland China. Benefit: The size of the installation package is decreased. This increases the app approval rate in Google Play.
Scope:	Recommended for launches in app stores for Android in mainland China.	1. Recommended for launches to Google Play. 2. Recommended for launches in app stores outside mainland China.
View Docs:	No data	<a href="#">Launch on Google Play</a> <a href="#">Update App Version on Google Play</a>
Download:	<a href="#">Download for Android (Mainland China)</a>	<a href="#">Download Android App Bundle</a> <a href="#">Get Private Key</a> <a href="#">Download for Google Play</a>

Previous: Build App [Confirm Finished Launch](#)

4. (Optional) You can [submit a ticket](#) to consult and troubleshoot problems when you launch the app.
5. After your app has passed the review, click **Confirm Finished Launch** at the bottom of the page to confirm that the app has been launched on the app stores.

## 7. Required setting

To launch your app, the following functions on the [Required Setting](#) page must be finished.

### 7.1. User agreement and privacy policy

1. (Optional) Tuya provides **Template Reference** in multiple languages, including **Chinese** and **English**. You can download and customize your content. To launch your app, versions in English are required.

<a href="#">User Agreement</a>	<a href="#">Privacy Policy</a>	<a href="#">Children's Privacy Protection Statement</a>	<a href="#">Third-Party SDK Service Agreement</a>
--------------------------------	--------------------------------	---	---

The User Agreement is an important part of the app. You can modify the template to create your user agreement. [Disclaimer](#)

Template Reference: [English](#) [Chinese](#)

2. Click **Add Version**. You need to provide the custom content of the privacy policy and service terms.
3. To launch your app, versions in English are required.



Tuya's privacy policy and user agreement templates are for reference only. Upload your versions of the privacy policy and user agreement with accurate and legal content. If you follow the entire content of the template, Tuya shall not make any representations or warranties as to the applicability and application results of the specified template. To meet the mandatory regulatory requirements and improve privacy protection, Tuya will modify and publish the template content from time to time. You must check and update your privacy policy and user agreement if you follow the template content.

### 7.2. Certificate for iOS

If you want to launch your app on Apple's App Store, you must upload the required certificates. To create a certificate, you must register a developer

account first. For more information, see [Enroll in Apple Developer Program](#) . If the certificate is not uploaded, the system will not be able to build an installation package or bundle, and the app cannot be launched.

**Manually Create and Upload Certificates:** For more information, see [Create Certificates and Provisioning Profiles for iOS](#) .

### 7.3. Certificate for Android

To launch your app on Android app stores, upload the required certificates. To create a certificate, you must register an Android developer account first and configure the app as required by the app stores. For more information, see the **documentation of the app stores**. If the certificates are not uploaded, the system will not be able to build an installation package, and the app cannot be launched.

- App certificate
- **Signature Protection for Android:** App security can be improved after setting. For more information, see [Enable Signature Protection for Android](#) .
- **App Signing Certificate:** You can apply the certificate to specific services. For example, you must provide the certificate to get the token that enables Login with Amazon (LWA).
- Set the push certificate according to the location of the app user:
- Google FCM: the certificate information that must be set when you use the Google Push service. For more information, see [Register FCM](#) .
- To send push notifications to users in mainland China, you can use the Tuya push channel or Umeng push channel.

To allow users to receive push notifications without the need to open the app, you must set up the branded system-level channel to push certificate information.

### 7.4. Map for Android

Click **Get SHA-1** to get the related values, follow the instructions in [Apply for Google Map Android API Key](#) and [Request AutoNavi Map Key](#) to get the Google Map key or AutoNavi key, and then enter each key in the respective field.

## 8. Optional setting

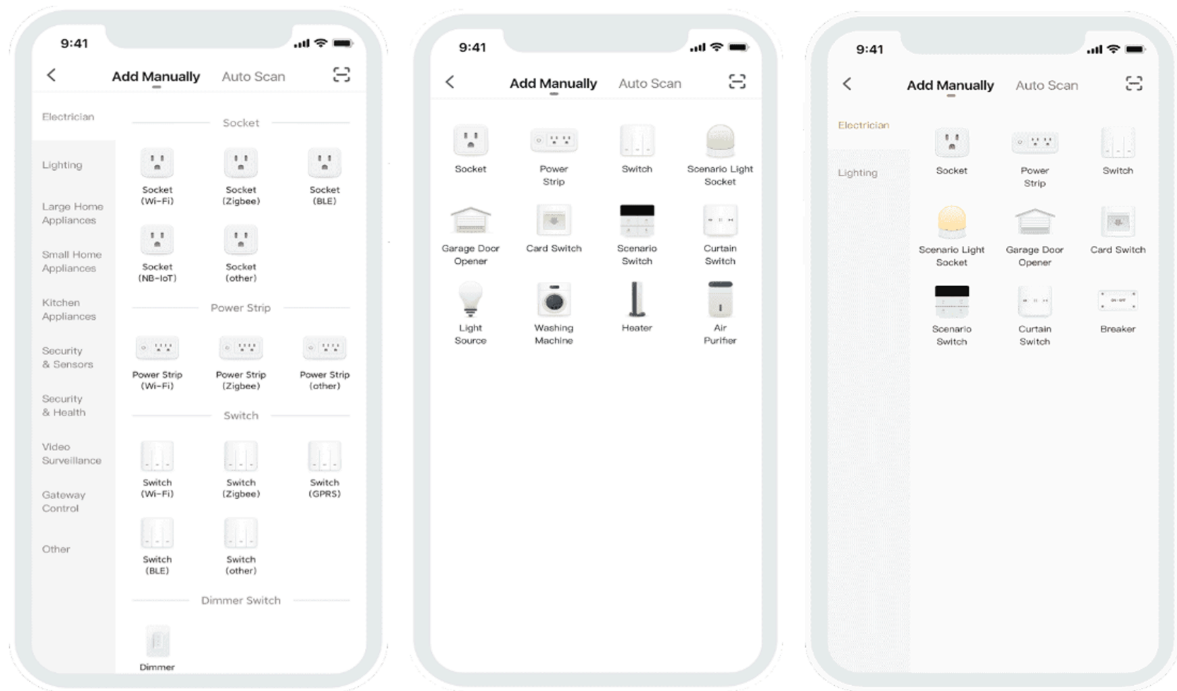
The following sections describe how to configure the list of devices to be paired, integrate with third-party platforms, and access the mall service, and set other features on the [Optional Setting](#) page.

### 8.1. Devices

The list of pairing devices provides the category of devices for users to choose and pair with the app. The layout of the list supports the **standard view**, **tiled view**, and **list view**.

- **Standard View:** **Standard View** is selected by default. For this category, the same pairing list and guide content as the [SmartLife app](#) are used. In the standard view, you cannot modify the pairing list and guide content.
- **Tiled View:** If you have less than 10 categories, you can choose **Tiled View**. Users do not need to switch between categories. All available product categories are easily visualized.
- **List View:** If you have multiple product categories, you can choose **List View**. In the list view, devices are classified into level-1 categories based on the tiled view. Users can quickly find the entry to pairing the target product by classification, and pair the device under the guidance.

The following figure shows the previews of these views.



To customize the **tiled view** and **list view**, perform the following steps:

1. If no product has been created for the current space account, the product cannot be associated. You must create a product first or click **Add Standard Category**.

For more information about how to create a product, see [Create Products](#).

2. Click **Create Custom Category**. In the **Custom Category for Pairing** dialog box, select the product to be associated with the category, and customize the icon and category name.



## Custom Category for Pairing

---

\* Product:

Select the associated product

\* Set Category Icon:

Modify

Dimensions must be 240 × 240 pixels. Only .png files are supported.

\* Name (Chinese):

\* Name (English):

Note: In the app, Chinese text is displayed if the system language is in Chinese, and English text is displayed if the system language is in English. By default, if other languages are not specified, English text is displayed.

\* Add To:

Security


Cancel

OK

---

After the association, during pairing with the specified category, the app user can see pairing guidance. Accurate pairing guidance can improve the success rate of pairing.

- After the creation is successful, you can set the category name in other languages in the dialog box that appears.
- Click a category to see the hamburger menu icon on the left side of the category. Click and hold the icon to sort the specified category.

<input type="checkbox"/>	Category Icon	Category Name	Associated Product	Protocol Type	Status	Operation
<input checked="" type="checkbox"/>		中文: 新插座 English: New Socket	otadj5lwcby2da8w	Wi-Fi, Bluetooth	Unreleased	<a href="#">Setup Instructions</a>

- Click **Setup Instructions** in the **Operation** column to navigate to the pairing wizard of the product. You can improve pairing wizard content by following actual pairing steps and things to note. For more information, see [Configure Pairing Information](#).

6. Click the meatballs menu (...) in the **Operation** column to view more operation items:
  1. Click **Multilingual** to navigate to the multilingual configuration page for the pairing list.
  2. Click **Modify** to modify the specified information in the dialog box.
  3. Click **Delete**. In the dialog box that appears, click **OK** to delete the category. The deletion operation immediately takes effect. Proceed with caution.

To **add a standard category**, perform the following steps:

1. Click **Add Standard Category**. In the dialog box, add the required standard categories to the **Selected** column.
2. You cannot modify the icon, name, and pairing guidance of a standard category. You can only sort the list of devices to be paired, or delete the category.

## 8.2. Third-party service integration

The following sections describe how to preset third-party push notifications triggered by smart devices and enable login with third-party accounts. For more information, see [Third-Party Service Integration](#) .

Devices

Third-Party Integration


Malls

More

Third-Party Push

Support sending push messages on LINE. More third-party push notification services will be integrated.

☐



Client ID

Client Secret

Callback\_url

[How to Apply](#)

Service Name: LINE Push

Status: Not Subscribed


[Subscribe](#)

Third-Party Login Support

The app supports quick logins from third-party platforms, such as WeChat, QQ, and Facebook.

Configure Biometric Login

☐



Service Name: Biometric Login

Status: Not Subscribed

[Subscribe Now](#)


[View Docs](#)

Login Configuration for iOS

☒

App Store requires that both Apple login and third-party login must be enabled for the same apps. After you enable both login methods for an app, rebuild and launch the app to display the entry for Apple login. [View Docs](#)

☐



App ID

App Key

[How to Apply](#)

Service Name: Login with Mobile Phone Number

Status: Subscribed

[View Purchase History](#)

Remaining Quota:0

[Repurchase](#)

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### 8.3. Malls

On this tab page, you can navigate to the [App Mall](#) and check the mall that is associated with your app. You can also check the **Mall** tab label and **Mall Center** name and set the multilingual options that appear on the app

### 8.4. More

- **Simultaneous Login on Devices:** You can choose whether to enable simultaneous login on multiple mobile phones with the same account.
- **Support Tuya's Generic Skills:** You can choose whether to enable **Tuya's generic skills** and allow smart speakers to control devices.
- **Verify with Mobile Phone SMS:** After this feature is enabled, users can register and log in with an app account or reset the password using their mobile phone number. They can also bind their mobile number with the app.

## 9. Common tools

The following sections describe how to configure the app download URL, add update notifications, and manage the debugging allowlist at [Common Tools](#).

### 9.1. QR code

A QR code can be printed on the outer packaging of the product and can be used properly even if the app is updated later. Make sure that the specified download URL is available. It must be the URL of the app details page that appears on each app store.



The QR code of one download URL must be configured before the QR code can be displayed. You can get the download URLs from the app stores. Only after the download URL of each operating system is set, users can scan the QR code and visit the download URL to download the app.

App Download

Update Notification

Debug Allowlist

Configure App Download URL

After a user scans the QR code, the system automatically jumps to the download address based on the user's mobile system and network environment.

App Download URL for iOS:[View Docs](#)

Example: <https://itunes.apple.com/app/id1034649547>

App Download URL for Android in Mainland China:

URL of Tencent MyApp, such as <https://a.app.qq.com/o/simple.jsp?pkgname=com.tuya.smart>

Google Play App Download URL for Android Outside Mainland China:[View Docs](#)

URL of Google Play, such as <https://play.google.com/store/apps/details?id=com.tuya.smart>


Huawei AppGallery URL for Android Outside Mainland China[View Docs](#)

Huawei AppGallery URL recommended, applicable to Huawei mobile phone users outside mainland China

Preview QR Code

Use iPhone and mobile phones for Android to scan the QR code to verify that the app can be downloaded. If an error occurs, check the download address.

QR Code Address:  
<https://a.smart321.com/testappsmartandiot>



☒ Add App Icon

### 9.2. Update notification

You can configure the update notification feature. This way, when your app updates are released, update notifications are sent to app users. The users can determine whether to update the app. For more information, see [Configure Update Notification Push](#).

ⓘ App users only receive the push of the latest release after they open the app.

[Add](#)


Update Content	Involved Languages	Edited/Released At	Status	Operation
No data				

### 9.3. Manage allowlist for debugging

You can add an app account registered in mainland China to the debugging allowlist. Then, the app user can choose **Me > Settings > Multilingual Debug Mode** on the app, and check the latest updates of UI text.

## 10. Smart settings

Choose **OEM App** > **Smart settings** and configure smart miniapps for the app.  
For more information, see [Configure Smart Miniapps](#).



Advanced Edition Trial | Valid To 2023-09-28 [Modify App Name](#)

Bundle ID for iOS: con... Package Name for Android: con... App Schema: tes... App Category: Smart Life Version: v1.0.0 Template: 5.4.0 [Change Template](#)

### Smart MiniApp

You can configure the following MiniApp in the OEM smart app for your users to use [Smart Tab Example](#)

Smart Pages can only be opened in the base version 4.2.0


#### Lighting Scene

Go to buy

A more advanced light control capability

Lighting Scene

Create useful and fun lighting effects




#### Multi-Video Previ...

Go to buy

View multiple camera videos in one screen

Multi-Video Preview

View multiple camera videos in one screen




#### Smart Protect

Go to buy

Provide users with easy-to-use security features

Security

Camera control and alarm function to protect your home



#### Energy Saving


Go to buy

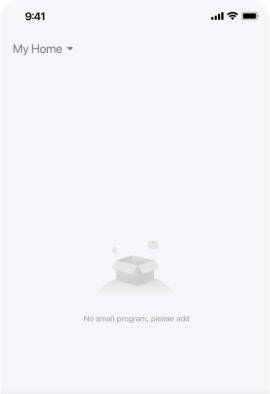
Get suggestions based on the energy consumption

Energy Saving

27 kw·h

Recent power statistics





9:41

My Home ▾

No smart program, please add

Save

## 11. Multilingual settings

Currently, you can modify all entries in the same task and modify specified entries online.

- Method 1 (batch modification): You can export the spreadsheet of the app UI entries, modify the content in this file, and then upload the edited file.
- Method 2 (individual modification): You can search for the specified entry with UI text and modify it.

For more information, see [App Multilingual Introduction](#) .

## 12. Subscribe to template updates

The OEM app can be iterated and updated. After you enable **App Update** in the **OEM App** section of [Subscriptions](#) , your specified email address will receive notifications of the template updates.

*i*

Currently, up to 30 email addresses can be set in the same subscription.

### Subscriptions

#### Subscriptions

We recommend that you include the email address in the trusted list of your email to avoid blocked emails.[Official Email Address](#)

Language: English [Switch to Chinese](#)

#### OEM App

**App Update** ☒ Enable

After enable the subscription, when a new template is published, the system will automatically send email with update instructions to you.

Email Addresses: