Function Definition

Version: 20210602

Contents

After the product is created, you can proceed with product development, and defining product functions is the first step in product development. The product function consists of three parts: **standard function**, **custom function**, and **cloud function**. You can complete all function settings in the first step of product development on the **Function Definition** page of Tuya IoT Platform.

- **Standard Function**

  Standard functions refer to commonly used functions supported by the products in a specified category.

- **Custom Function**

  > **Note**: Only the products that select **Custom Development Plan** support custom functions.

  If your product functions are not included in the standard functions, you can create custom functions. Function points are abstract representations of product functions, and each function can be customized through different function types.

- **Cloud Function**

  Cloud functions are cloud-based functions and do not require hardware embedded development. Currently supported cloud functions** include timing** and **jump webpage**.

  - **Timing**: Set switching time and weekly cycle, without hardware embedded development.
  - **Redirect page**: Mainly used to set up the micro-mall to purchase products, product instructions, and other pages to jump.

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Custom

Standard Functions ⓘ

DP ID	Function points	Identifier	Data type		Function type
1	Switch 1	switch_1	Issue and report		Boolean

Custom Functions ⓘ

DP ID	Function points	Identifier	Data type		Function type
				Create a custom function to populate this table	

Cloud Functions ⓘ

Function	Identifier	Function descriptions
Fixed Time	timer	Tuya Cloud's provides cloud timing without local timing.
Jumping page	jump_url	Settings for the web page url jumping function; can jump to mall, official website, or other pages.Add link