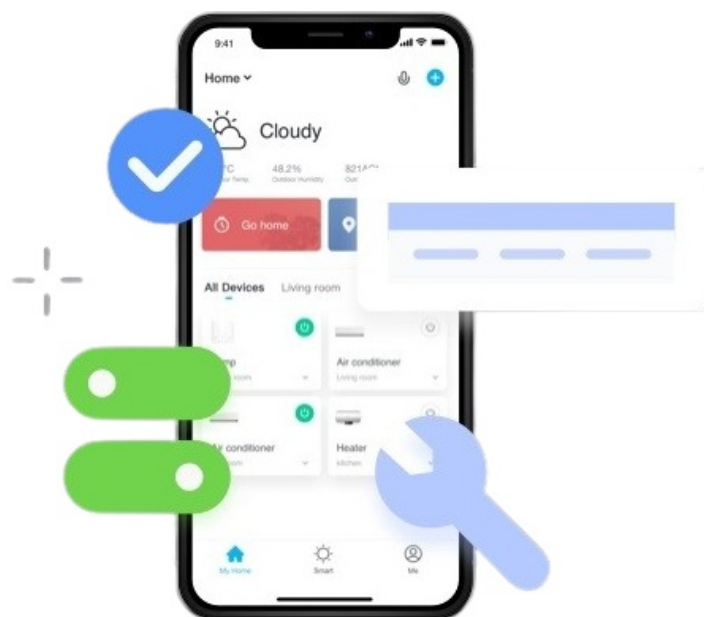


**Contents** [ [hide](#) ]

- 1 [Tuya SDK Smart App](#)
- 2 [Specifications](#)
- 3 [Get device UUID](#)
- 4 [Pair with QR code on device](#)
- 5 [Frequently Asked Questions](#)
- 6 [Documents / Resources](#)
  - 6.1 [References](#)



## Tuya SDK Smart App



## Specifications

- Pairing Method: QR Code
- Version: 20250704
- Online Version

This pairing mode only applies to devices that are supplied with a QR code and connected to the internet.

## Get device UUID

parseQRCode is a method used for parsing the QR code on the device. It can scan the device's QR code to get the URL and device UUID.

### Parameter Description

- content : The content of the QR code.
- success : Callback function after the QR code is successfully parsed. You can use actionName to find the pairing mode and proceed to the next step.
- failure : Callback function when an error occurs while parsing the QR code.

### Example Code

#### Objective-C:

```
1 [ThingSmartActivator parseQRCode:@"yourQRCodeContent" success:^(id result) {
2     NSDictionary *qrCodeDict = (NSDictionary *)result;
3     NSLog(@"Action Name: %@", [qrCodeDict objectForKey:@"actionName"]);
4     NSLog(@"Action Data: %@", [qrCodeDict objectForKey:@"actionData"]);
5 } failure:^(NSError *error) {
6     NSLog(@"Error: %@", error.localizedDescription);
7 }];
```

#### Swift:

```
1 ThingSmartActivator.parseQRCode("yourQRCodeContent", success: { result in
2     guard let qrCodeDict = result as? [String: Any] else {
3         return
4     }
5     print("Action Name: \(qrCodeDict["actionName"] ?? "")")
6     print("Action Data: \(qrCodeDict["actionData"] ?? "")")
7 }) { error in
8     print("Error: \(error.localizedDescription)")
9 }
```

The “yourQRCodeContent” in the examples should be replaced with your QR code content.

## Pair with QR code on device

### Get pairing token

```
1 - (void)getTokenWithUUID:(NSString *)uuid
2         homeId:(long long)homeId
3         success:(ThingSuccessString)success
4         failure:(ThingFailureError)failure;
```

### Example

#### Objective-C:

```
1 ThingSmartActivator *activator = [[ThingSmartActivator alloc] init];
2 [activator getTokenWithUUID:uuid homeId:homeId success:^(NSString *result) {
3     // Returns the pairing token.
4     } failure:^(NSError *error) {
5
6     }];
```

#### Swift:

```
1 let activator = ThingSmartActivator()
2 activator.getTokenWithUUID(uuid, homeId: homeid, success: { (token) in
3     print("getToken success: \(token)")
4     // TODO: startConfigWiFi
5 }, failure: { (error) in
6     if let e = error {
7         print("getToken failure: \(e)")
8     }
9 })
```

### Start pairing

```
1 - (void)startConfigWiFi:(ThingActivatorMode)mode
2         ssid:(NSString *)ssid
3         password:(NSString *)password
4         token:(NSString *)token
5         timeout:(NSTimeInterval)timeout;
```

### Example

#### Objective-C:

```

1 [self.activator startConfigWiFi:ThingActivatorModeEZ ssid:@"" password:@""
  token:self.token timeout:Timeout];

```

## Swift:

```

1 activator.startConfigWiFi(ThingActivatorModeEZ, ssid:"", password: "", token:
  token, timeout: Timeout)

```

## Callback delegate for getting device information

```

1 - (void)activator:(ThingSmartActivator *)activator didReceiveDevice:
  (ThingSmartDeviceModel *)deviceModel error:(NSError *)error;

```

## Example

### Objective-C:

```

1 self.activator.delegate = self;
2
3 - (void)activator:(ThingSmartActivator *)activator didReceiveDevice:
  (TuyaSmartDeviceModel *)deviceModel error:(NSError *)error {
4     // get deviceModel
5 }

```

## Swift:

```

1 func activator(_ activator: ThingSmartActivator!, didReceiveDevice deviceModel:
  ThingSmartDeviceModel!, error: Error!) {
2     if deviceModel != nil && error == nil {
3         // The device is paired.
4     }
5
6     if let e = error {
7         // Failed to pair the device.
8         print("\(e)")
9     }
10 }

```

## Frequently Asked Questions

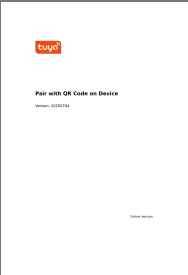
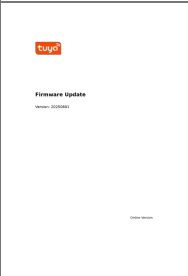
### • Q: What if I encounter an error during the pairing process?

A: If you encounter an error during pairing, check the error message provided in the callback delegate and follow the troubleshooting steps recommended in the manual.

• **Q: Can I pair the device without using a QR code?**


A: No, this pairing mode specifically requires the use of a QR code provided with the device.



Documents / Resources

	<a href="#">Tuya SDK Smart App [pdf]</a> User Guide SDK Smart App, SDK, Smart App, App
	<a href="#">Tuya SDK Smart App [pdf]</a> User Manual SDK Smart App, SDK, Smart App, App

References

- [User Manual](#)

 app, SDK, SDK Smart App, Smart APP,

 Tuya     tuya

Leave a comment

Your email address will not be published. Required fields are marked \*

Comment \*

Name

Email

Website

☐ Save my name, email, and website in this browser for the next time I comment.

**Post Comment**

**Search:**

e.g. whirlpool wrf535swhz

**Search**

[Manuals+](#) | [Upload](#) | [Deep Search](#) | [Privacy Policy](#) | [@manuals.plus](#) | [YouTube](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.