quext | iot

User Manual

Need Support? Visit **help.quext.io**

Contents

Getting Started

This guide will show you how to operate your Quext smart thermostat and door lock using manual controls as well as the Quext IoT mobile app and website.

Contact Info

If you experience any problems using your IoT technologies, use the Contact Us link in the Quext IoT app, or instantly chat with or email Quext support at help.quext.io. Available chat hours are M-F, 9:00am-12:00pm and 1:00pm-5:00pm Central Standard time.

Installing the Quext IoT App

The Quext IoT app is supported on iPhone and Android phones. Search "Quext IoT Resident." On Android phones, Location Services for Bluetooth must be enabled. Biometric authentication is strongly recommended.

Thermostat Overview

The thermostat dial lets you adjust the current temperature setting and access menus of additional features. The LED screen displays temperature set points, override duration, menus, and indicators.

Item	Description
A	Network connection
B	Infrared sensor
C	Temperature set point
D	Thermostat mode
E	Fan mode
F	Control method
G	Dial
H	Current room temperature
	See next page for full list of indicators

Indicators

The table below describes each indicator on the thermostats display
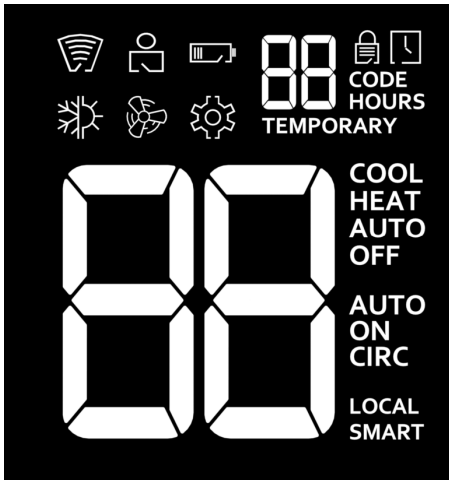
Indicator	Description
	• **Solid**: Connected to the network • **Flashing**: Attempting to connect • **Dark**: No network connection
	Property control mode; contact Property Management
	Power issue; contact Property Management • **Solid**: AA batteries low • **Flashing**: 24V power not present
	System mode
	Fan active; also menu option to change fan mode
	Set the control method (Smart*/ Local) *Only if schedule is set and active
	Operation not allowed
	Delay in progress
CODE	System error; contact Property Management
HOURS	The number displayed is the duration in hours of the temporary override
TEMPORARY	The current setting is a temporary override of the scheduled operation

Indicator	Description
COOL HEAT AUTO OFF	Thermostat mode • **COOL**: The system cools to the set temperature • **HEAT**: The system heats to the set temperature • **AUTO**: The system maintains the temperature between the upper and lower set points • **OFF**: The system is turned off
AUTO ON CIRC	Fan mode • **AUTO**: The fan operates only while the system is cooling or heating • **ON**: The fan operates continuously • **CIRC**: The fan operates for a set amount of time every hour to keep air circulating
	• Local- Not following any automation • Smart- Can only be selected if a schedule has been creating on either the app or web

Manual Controls

Thermostat

Use the thermostat dial to select options on the display. Turn the dial to highlight different options. Press and release the dial to select the option that is currenly highlighted.

The control menu below is the starting point for many functions. From left to right, the control menu icons are System mode, Fan and Settings.

Setting the thermostat mode

The thermostate has four operating modes: COOL, HEAT, AUTO and OFF.

To turn the thermostat off:

1. Press the dial once to highlight the control menu.

2. Turn the dial to highlight System mode , then press the dial to select it.

3. Turn the dial to highlight **OFF** on the system mode menu, then press the dial to select it.

Use COOL mode to prevent the temperature from rising above a set point:

1. Press the dial once to highlight the control menu.

2. Turn the dial to highlight System mode , then press the dial to select it.

3. Turn the dial to highlight **COOL** on the System mode menu, then press the dial.

4. Turn the dial to select the desired temperature, then press the dial.

5. If **SMART** mode is active, turn the dial to select the number of hours (up to 24) for this setting to override the scheudled operation, then press the dial.

Video Tutorial

How to Adjust Your Thermostat

Use HEAT mode to prevent the temperature from falling below a set point:

1. Press the dial once to highlight the control menu.

2. Turn the dial to highlight System mode , then press the dial to select it.

3. Turn the dial to highlight **HEAT** on the system mode menu, then press the dial.

4. Turn the dial to select the desired temperature, then press the dial.

5. If **SMART** mode is active, turn the dial to select the number of hours (up to 24) for this setting to override the scheudled operation, then press the dial.

Use AUTO mode to maintain the temperature between a high and low point

1. Press the dial once to highlight the control menu.

2. Turn the dial to highlight System mode , then press the dial.

3. Turn the dial to highlight **AUTO** on the System mode menu, then press the dial.

4. Turn the dial to select the temperature at the cool end of the range, then press the dial.

5. Turn the dial to select the temperature at the heat end of the range, then press the dial.

6. If **SMART** mode is active, turn the dial to select the number of hours (up to 24) for this setting to override the scheduled operation, then press the dial.

Adjusting the temperature set point

When the thermostat is in **COOL** or **HEAT** mode, you can simply turn the dial to adjust the temperature set point.

When the thermostat is in **AUTO** mode, turn the dial to adjust the cool end of the range first, press the dial to set it, then turn the dial to adjust the heat end of the range and press the dial to set it.

Setting the fan mode

The fan has three operating modes: **AUTO**, **ON**, and **CIRC**.

To run the fan only while cooling or heating:

1. Press the dial once to highlight the control menu.

2. Turn the dial to highlight Fan , then press the dial.

3. Turn the dial to highlight **AUTO** on the Fan mode menu, then press the dial.

To run the fan continuously:

1. Press the dial once to highlight the control menu.

2. Turn the dial to highlight Fan , then press the dial.

3. Turn the dial to highlight **ON** on the Fan mode menu, then press the dial.

4. If **SMART** mode is active, turn the dial to select the number of hours (up to 24) for this setting to override the scheduled operation, then press the dial.

To run the fan periodically in order to circulate air:

1. Press the dial once to highlight the control menu.

2. Turn the dial to highlight Fan , then press the dial.

3. Turn the dial to highlight **CIRC** on the Fan mode menu, then press the dial.

4. Turn the dial to select the number of minutes to run the fan each hour (in 5-minute increments), then press the dial.

5. If **SMART** mode is active, turn the dial to select the number of hours (up to 24) for this setting to override the scheduled operation, then press the dial.

Using the Quext IoT App

First-time setup

1. Open the Quext IoT app.

2. Enter your username and password. If you do not have this information, contact Property Management.

3. Optionally, select **Save password** to skip the login page in the fu-ture.

4. If you forgot your password, tap **Forgot password?** and follow the on-screen instructions to reset your password.

5. Tap **SIGN IN.**

6. When you are prompted to allow the app to access your location (or Bluetooth, depending on your mobile operating system), agree and follow the on-screen instructions to allow access.

7. Enter a four-digit PIN code of your choosing and tap **NEXT**. You will use this code to access the app on future sign-ins or when the app locks out after a period of inactivity.

8. Re-enter the PIN code to verify it and tap **START**.

9. Select an authentication method to use by default (a PIN code or biometric identification) and tap **SAVE**.

You're now logged in and on the Home Page.
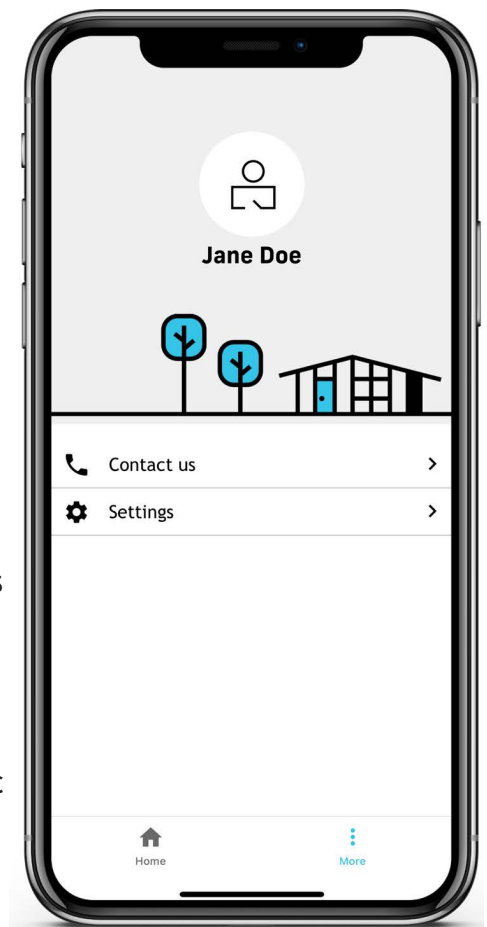
Signing In

After initial setup, signing in uses the authorization method selected on the Settings page (PIN or biometric identification).

1. Open the Quext IoT app.

2. Enter your PIN or provide biometric identification as instructed.

You're now logged in and on the Home Page.

Overview of the App

The Home Page shows the current temperature, thermostat settings and smart lock controls.

You can adjust temperature setting from the Home Page. Drag the circule on the slider, or tap a point on the slider path. When **AUTO** mode is active, move the two slider circles to the lower and upper points of the desired temperature range.
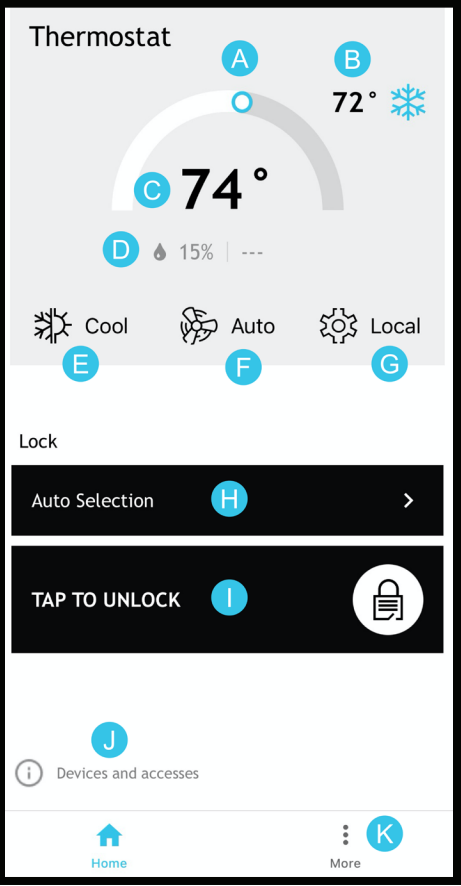
Item	Description
A	Temperature slider
B	Temperature set point and mode indicator (appearance depends on current mode)
C	Current room temperature
D	Current room humidity
E	Thermostat mode
F	Fan mode
G	Control method
H	Location selector
I	Unlock door
J	List of linked devices
K	Page tabs

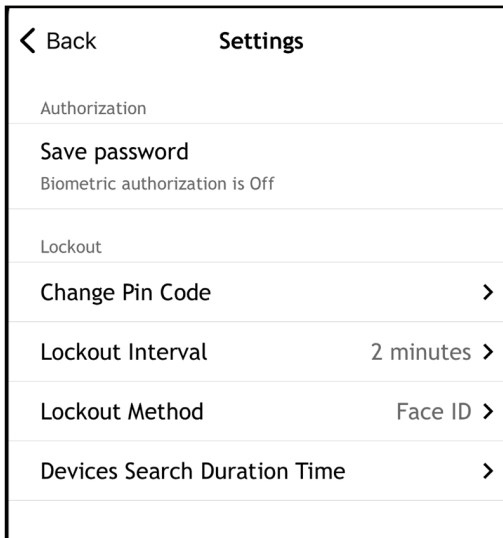The More Page provides options to get help and manage application settings.
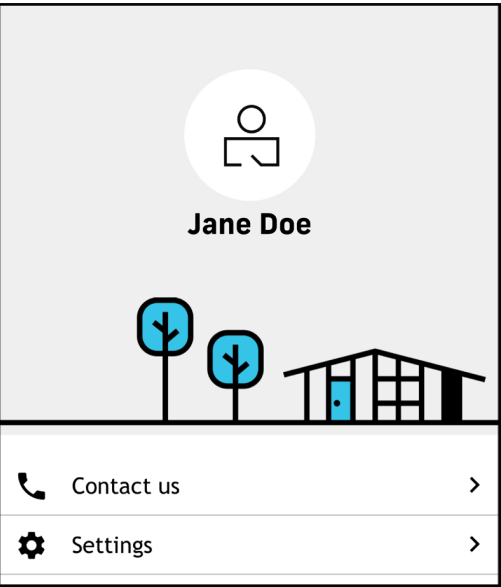
Contact us: Options for contacting your apartment community staff.

Settings: Options to manage Quext IoT app security and access methods.

Settings

Save password: When selected, the app does not require you to enter your password. To maintain security, biometric authorization is used instead of the password. (Biometric identification must be set up and enabled on your device.)

Change Pin Code: Enter a new PIN code to access the app.

Lockout interval: Select the length of time before lockout when the app is idle.

Lockout method: Select whether to use a PIN code or biometric authorization to access the app after a lockout.

Devices Search Duration Time: Select the amount of time the app should search for a lock within range to which you have access.

Operating the Thermostat

On the Home page, tap an area around the temperature slider to open the Thermostat page.

The Thermostat page provides options to set operating modes manually and to set up scheduled operation.

Like the Home page, the appearance of the temperature sliders and mode indicators depends on the current mode. The figure below shows the Thermostat page in **COOL**, **HEAT**, and **AUTO** modes.
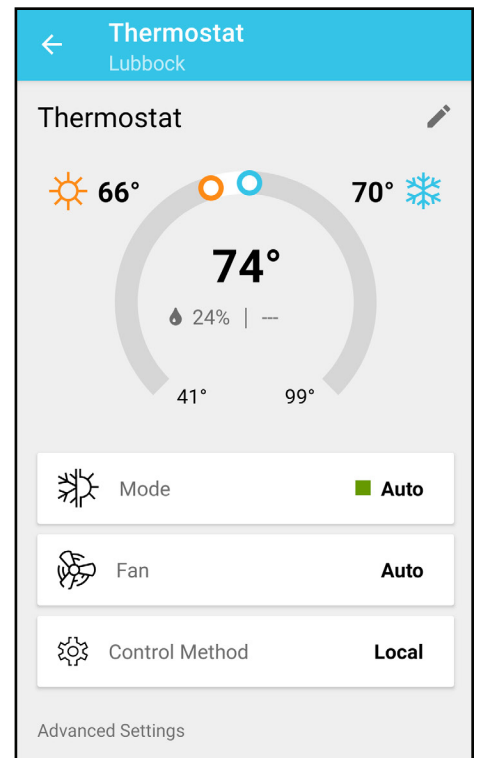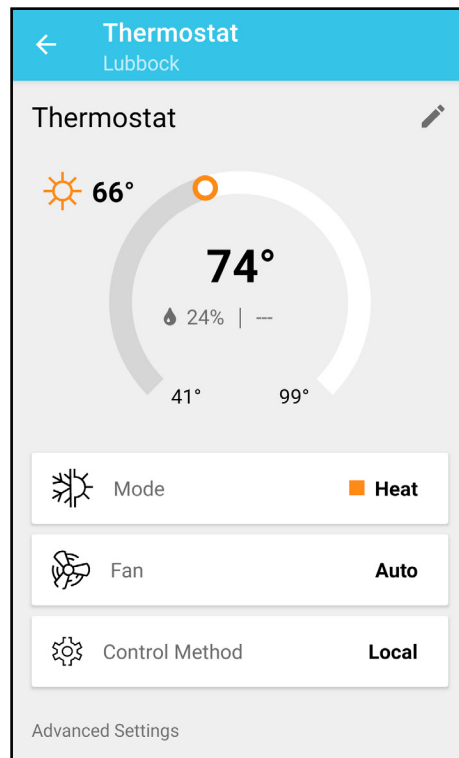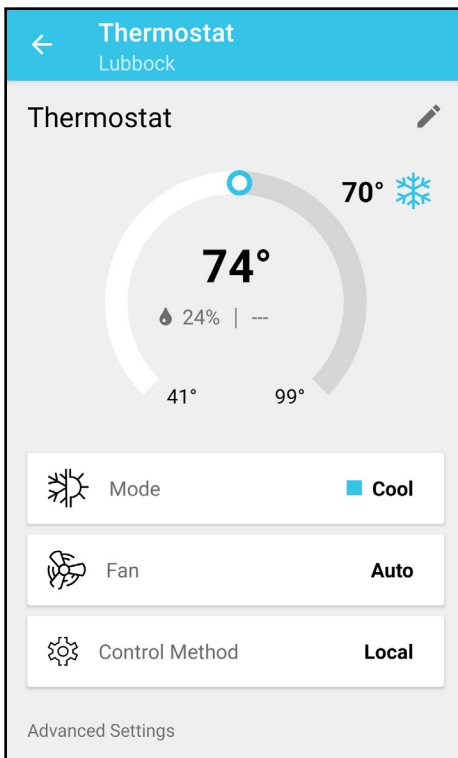
To adjust a temperature set point, drag the slider to the desired temperature.

To change the thermostat or fan mode, tap the bar and select the desired mode from the list.

Setting up Thermostat Schedules

Use the Quext IoT app to create "events" — thermostat operations that occur on scheduled days and times.

An event has a start time but no end time. Each event on the schedule ends when the next event begins.

While an event is in progress, Smart mode is active. Any manual changes to the temperature and fan settings are temporary overrides before scheduled operation resumes.

Create an event

1. On the Quext IoT app Home Page, tap the thermostat.

2. Tap **Control Method**.

3. Tap the plus button to open the Add Event page.

4. Select the days of the week on which the event will be active. The buttons are labeled with abbreviations of each day from Sunday through Saturday.

5. Tap the time bar to enter a start time for the event. You can enter a start time using the clock or keypad control. Tap the icon in the lower left corner of the page to toggle between these methods.

   - **Clock:** Select AM or PM, tap an hour, and then tap a minute.
   - **Keypad:** Tap the hour field, enter an hour, tap the next arrow, then enter a minute, then tap the check key, then select AM or PM.

6. Tap **Done**.

7. Tap **Mode** and select the mode the thermostat will enter at the event start time.

8. Tap Fan and select the mode the fan will enter at the start time.

9. Use the slider(s) to set the desired temperature (for Heat and Cool modes) or the temperature range (for Auto mode).

10. Tap Done to save the event and return to the Schedule page.
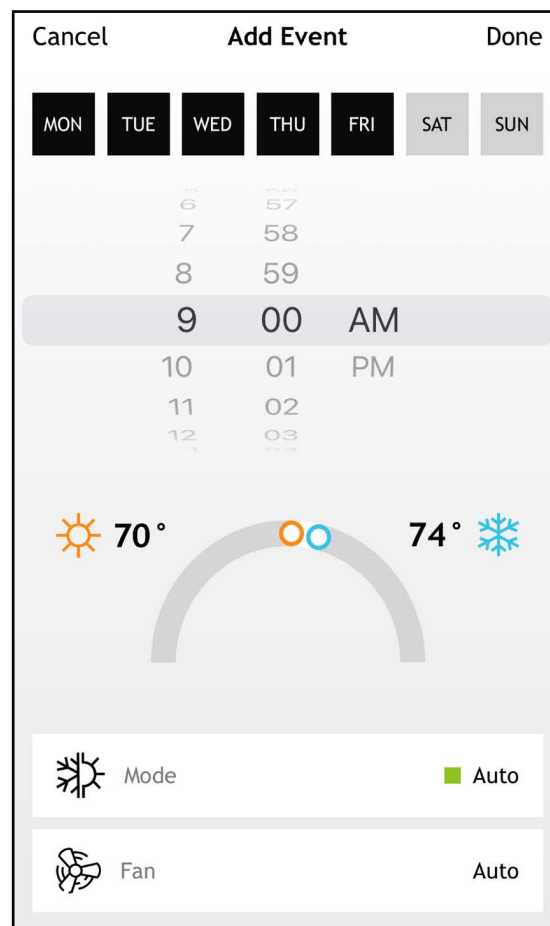
Modify an Event

On the Schedule page, tap an event to open the Edit Event page. Make your desired changes and tap **Done**.
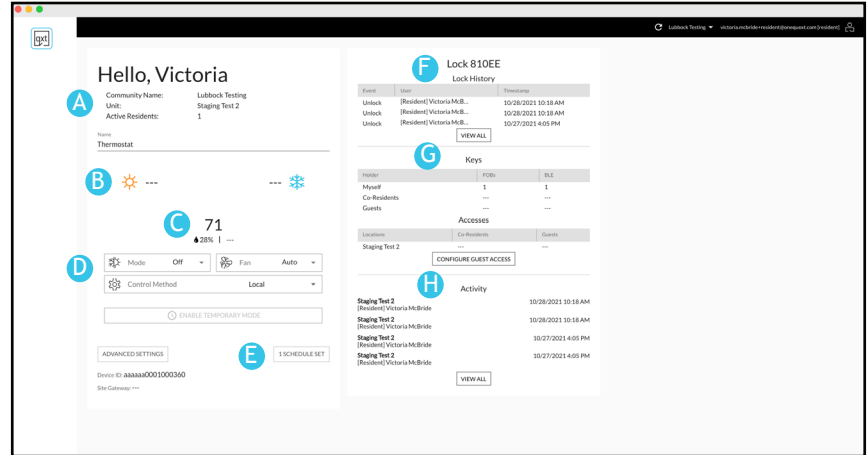
Delete an event

On the Schedule page, tap the trash icon in the upper right corner of an event tile. When you are prompted to confirm the deletion, tap **Delete**.

Using the Quext IoT Website

Dashboard Overview

Welcome to your dashboard! It shows your home's current temperature, thermostat settings/schedule(s) and smart lock property activity and home door access histories.

| Item	Description
A	Community/Unit information
B	Temperature set point and mode indicator (appearance depends on current mode)
C	Current room temperature & humidity
D	Thermostat & fan modes, and control method
E	To access or create schedule(s)
F	Shows home door access logs
G	List of linked devices and who has access to them
H	Shows smart lock property activity

Setting up Thermostat Schedules

Create an Event

1. Navigate to iot.quext.io and login.

2. On the Quext IoT Website Home Page, select **Edit Schedule**.

3. Select **ADD EVENT**.

4. Deselect any days that you do not want on the schedule being created.
   - **Note:** Sunday will be deselected, by default

5. Select the Calendar icon to choose a time the schedule will begin on the first day of the event.

6. Select **Mode** and choose the mode the thermostat will enter at the event start time.

7. Select **Fan** and choose the mode the fan will enter at the start time.

8. Use the slider(s) to set the desired temperature (for heat and cool modes) or the temperature range (for Auto mode).

9. Select **ADD EVENT** again to create another schedule.
   - **Note:** When multiple events are created, current schedule will continue until next even begins

10. Select **Done** to save the event and return to the Home page.
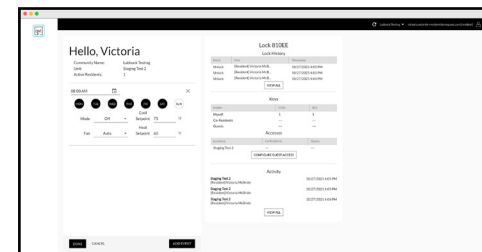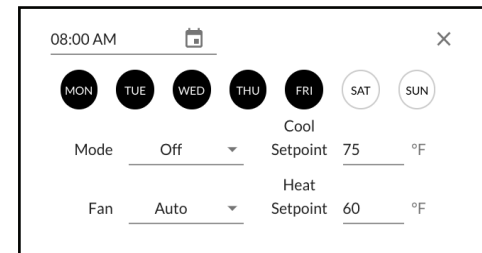
You will now see your new schedule(s) on your Home page.

Regulatory Information

Per FCC 15.19(a)(3) and (a)(4), this device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The FCC regulations provide that changes or modifications not expressly approved by Quext LLC could void your authority to operate this equipment. Maintain a distance of 20 cm (8 inches) from your body to be consistent with how the device is tested for compliance with RF exposure requirements.
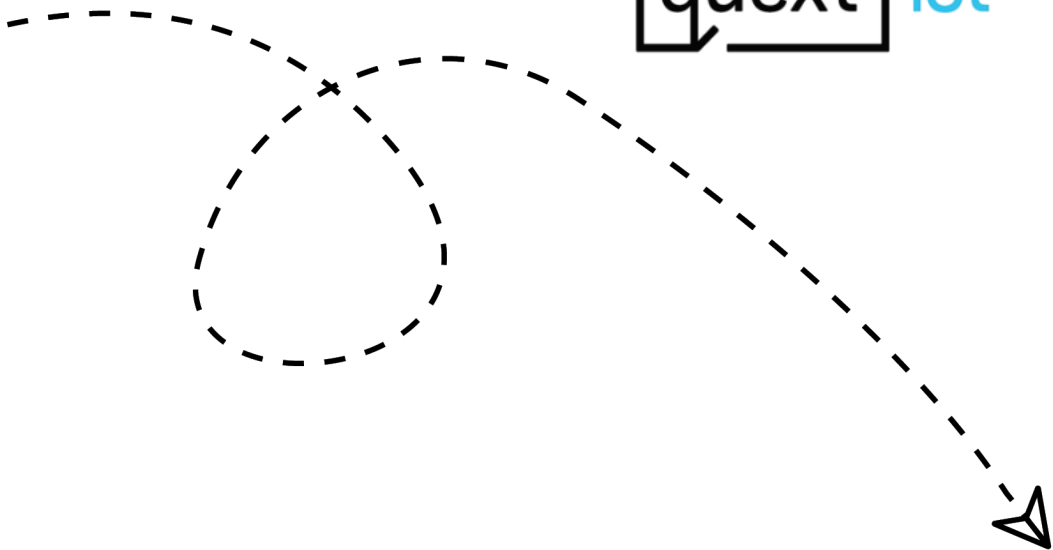
For How-To vidoes and additional support visit help.quext.io