

## Configuration Pro Tool System Installation Instructions

Read all instructions before installation

Patented Quinetic® Technology / Patent No. EP3306797

## Product Overview

The Quinetic ConfigPro, paired with the Quinetic ConfigPro app, enables seamless pairing and unpairing without the need to press any physical button. Through the app, users can configure power state settings, activate bridge mode, set delayed shutdowns, and manage network configurations, enhancing both flexibility and efficiency. Additionally, the Quinetic ConfigPro expands functionality by enabling localized intelligent control without requiring a network connection, making it ideal for project-based installations and commissioning.

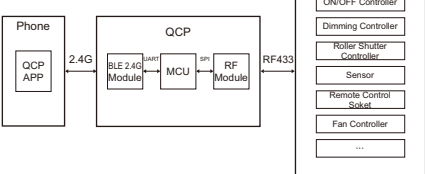
## Product Parameter

Power Voltage: 5V  
Maximum Current: 1A  
Interface Type: USB Type-C  
Battery Type: Pouch Lithium Battery  
Battery Capacity: 400mAh  
Receiving Sensitivity: -100dBm  
Communications Protocol: BLE 2.4GHz & RF 433MHz  
2.4GHz Control Distance: 10m  
RF Control Distance: 100m  
Operating Temperature: -20°C~+55°C  
Dimensions: 75 x 37 x 11mm  
Warranty: 3 Years

Note:  
1. Low Power Mode: 400mAh battery can support the device to run for about 4000 hours (166 days).  
2. Normal Operating Mode: 400mAh battery supports device operation for approximately 8 hours.  
Actual battery duration will vary depending on the specific usage of the device.

## Product Hardware

### • Control Flow

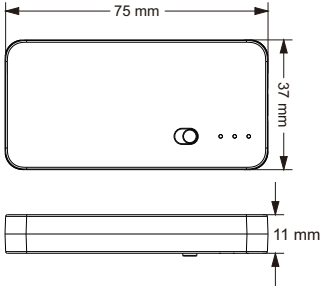


The Quinetic ConfigPro acts as a signal converter, receiving RF 433MHz signals and transforming them into BLE 2.4GHz for processing by the Quinetic ConfigPro app on a smartphone. It also transmits commands in reverse, converting BLE 2.4GHz signals from the phone back to RF 433MHz to control connected devices.

### • Indicator Description

LED1	LED2	LED3
Red on: Unit charging	Green flash: Once per switch press	Red on: APP not connected
Green on: Fully charged		Red off: Connected to APP
Red flash: Low battery		Red flash: APP command sent

## Dimensions



## Product Feature

### • Local Configuration of Intelligent Scenarios

With the Quinetic ConfigPro, users can create and manage localized intelligent scenarios without requiring an internet connection. Each scene can be individually paired with a wireless Quinetic switch and stored directly in the local controller, ensuring seamless and instant operation. Since all scenario-based data is stored locally, there are no network dependency issues or delays. This allows users to customize lighting scenes according to their preferences, delivering a fully personalized lighting experience.

### • Project Installation and Traceability

With the Quinetic ConfigPro, users can efficiently perform project-based installation and configuration. Once setup is complete, the entire project can be generated with a single click and stored in memory. Each channel and device can be named independently, simplifying future troubleshooting and maintenance. Additionally, projects store both names and product IDs, ensuring easy installation traceability. This system enables a highly modular and flexible approach to intelligent lighting installation, allowing for effortless maintenance, upgrades, expansion, and functional enhancements over time.

## App User Guide

### • APP Download

Users can download the “Quinetic ConfigPro” App from the Apple Store or Google Play Store or using the QR code:



### • Create an Account

After downloading the App follow the prompts to register the account. Users can use their email address to register an account.



### • APP Use Permission

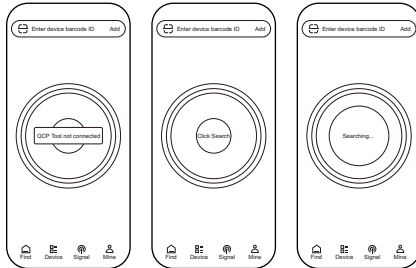
When the Quinetic ConfigPro app is launched, the phone's wireless connection must be enabled for proper functionality.

### • Find and Bind Device

Unpaired Quinetic switches can be searched **within 10 minutes** after power up. Paired switches can be searched **within 2 minutes** after power up.

### There are 2 types of device bindings:

- Click the big button in the center to search and bind wirelessly. Unpaired devices will be discovered automatically. Paired devices can be discovered within 2 minutes after power off and power back on.
- Users can manually scan the device Barcode, or enter the product ID address for binding.



### • Device List

**1. Common Function:** Users can perform 3 functions of the controller: ON/OFF, pairing, and Clear pairing.

**2. Product Configuration Page:** Click on other areas of the device list to enter the device separate page for product configuration.

**3. Delete Device:** Click on “Broom” icon to clear all devices.



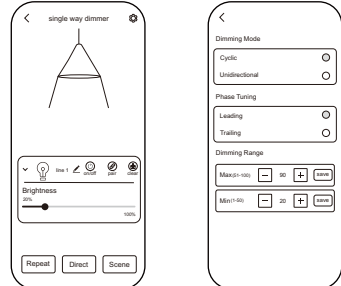
**4. Save Project:** Click “Save” to store the project along with all detected devices. Saved projects can be accessed in the “Config File” under the “Mine” page. Users can then proceed with project-based installation and configuration.

**5. Fully Open and Fully Close:** Clicking “All Device” will turn all connected devices on or off simultaneously. This feature helps users to troubleshoot the connectivity of the device.

**6. ID Display:** The ID of each device will be displayed.

**7. Rename:** Click on the “pencil” to rename the device.

### • Product Configuration Page



### We use the Quinetic dimming controller as example:

**1. Rename:** Users can rename devices to quickly identify their functions and locations, enhancing efficiency in product configuration for projects.

**2. ON/OFF and Pairing:** Users can perform 3 functions of the controller: on/off, pairing, and clear pairing without pressing the button on the controller.

**3. Remote Control:** Dimming can be done directly using the app. Easy to adjust lights for scene pairing.

**4. Repeat:** This function repeats the signal from a switch to another controller, expanding the switch control range. Pairing and unpairing a switch in Repeat mode can be easily done through APP.

**5. Direct:** Directional pairing and clearing pairing can be done through the app, accommodating users' familiarity with traditional switches.

**6. Scene:** Scene pairing and clearing pairing can be accomplished through the app. To set up a scene, adjust the lights to the desired state, trigger scene pairing, and then press the wireless Quinetic switch button to complete the process. Once pairing is complete, the button will execute the corresponding scene, ensuring that clicking it only triggers the paired scene. This functionality allows for personalized and automated lighting control, enhancing overall lighting quality.

**7. Advanced Setting:** Click on the drop-down symbol next to the lamp icon to access advanced settings.

**8. Dimming Mode:** Users can configure the long-press switch for either cycle dimming or unidirectional dimming through the app, offering greater flexibility in lighting control to suit various scenes and needs.

**9. Phase Tuning:** Users can choose the phase tuning mode—leading or trailing—providing more flexible lighting control to adapt to different scenarios. This setting is available only for phase-cut dimming type controllers, which can be configured using the Quinetic ConfigPro to adjust the dimming mode and dimming range.

**10. Dimming Range:** The dimming range can be adjusted flexibly.

**11. Settings Page:** By entering the settings page, users can access and configure additional functions.

**NOTE: The product configuration pages for different device types will include specific additional features tailored to each device.**  
**For example:**

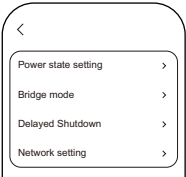
1. The on/off controller can set the load type using the Quinetic ConfigPro, allowing for either LED type loads or other types of loads. LED type loads use relay zero-crossing conduction, while other types of loads utilize relay random conduction (with LED load set as the default).

2. Dimmer Controller can set cycle dimming mode through Quinetic ConfigPro:

(1) When the cyclic dimming mode is on and the push-type switch is in original pairing, the dimming will transition from brightest to dimmest, and the dimming direction will immediately reverse.

(2) When cyclic dimming mode is turned off and the push type switch in original pairing, the dimming direction will reverse with each long press, alternating from the last setting.

### • Product Settings Page



**1. Power State Setting:** Users can configure the device's state upon power restoration after a power failure, with three options available: Keep Closed, Keep Open, and Keep Previous.

• **Keep Closed** means the device will remain off when power is restored.

• **Keep Open** means the device will stay on after power is restored.

• **Keep Previous** means the device will revert to its state prior to the power failure once power is restored.

**2. Bridge Mode:** Users can use the Quinetic ConfigPro app to enable or disable bridging mode, which extends the controller's range and provides efficient, reliable, and flexible intelligent lighting control.

**3. Delay Shutdown:** Users can set a delayed shutdown time in the app, allowing the lights to automatically turn off after a specified period. This feature helps prevent energy waste by reducing the chances of forgetting to turn off the lights. Additionally, in areas such as stairs and corridors, the lights can remain on for a while after people leave, ensuring safe passage. This function enables users to personalize and automate their intelligent lighting systems while improving overall management efficiency.

**4. Network Setting:** For Wi-Fi devices, users can select either smart configuration mode or AP configuration mode.

### • Signal Page

When connected to the Quinetic ConfigPro app, powered receivers and switches that are pressed at least once within the RF 433MHz signal control range will display the device type, ID, and signal strength.



By viewing the ID of the switch, users and the system can easily identify and differentiate each receiver and wireless Quinetic switch in the home, for efficient management and control. The signal strength information assists users and technicians in evaluating the placement of wireless Quinetic switches, allowing for optimization to ensure that all devices consistently receive commands. Additionally, knowing the signal strength can help diagnose any signal reception issues with the device.

### • Mine Page

**1. Account:** Users can view account information, including registration details, registration time, registration address, and the Quinetic ConfigPro Tool ID.

**2. Config File:** Users can access saved project information, which includes the project name, location, device type, device ID, and edit their names. Additionally, they can view the dates of saved projects and export the project information as a table.

**3. User Guide:** The User Guide provides information to help users quickly understand how to utilize the Quinetic ConfigPro app effectively.

**4. Log:** Enabling the log feature allows users to upload logs, which helps developers diagnose issues if the application encounters a problem. This functionality facilitates the quick identification of user-reported issues, providing sufficient information to reproduce and resolve the problem effectively.



## Application Scenarios

The Quinetic ConfigPro empowers smart home commissioning professionals, such as electricians, to install and configure new devices more efficiently while also maintaining and overhauling existing systems. There's no need to repeatedly press the pairing buttons on the devices, and no network connection is required. This integrated management of the smart home system simplifies the process and enhances the functionality of the devices.

### • Smart Home

The intelligent lighting system can be configured to align with the daily habits of residents, enhancing both convenience and comfort in their living environment.

### • Commercial Building

In offices, shopping malls, and other commercial spaces, the intelligent lighting system can be configured based on foot traffic and time, optimizing energy usage and improving efficiency.

### • Hotel and Hospital

The intelligent lighting system offers customized lighting solutions tailored to customer needs and safety standards, enhancing both service quality and safety. In summary, the Quinetic ConfigPro delivers a smarter and more personalized lighting experience, providing benefits such as centralized management, energy savings, increased comfort, and ease of maintenance.