DAVITU NEO COOLCAM Smart WiFi Light Touch Switch

Davitu NEO COOLCAM Smart WiFi Light Touch Switch User Manual

Brand: DAVITU | Model: NEO COOLCAM Smart WiFi Light Touch Switch

1. INTRODUCTION

Thank you for choosing the Davitu NEO COOLCAM Smart WiFi Light Touch Switch. This device is designed to provide convenient control over your lighting through touch, a mobile application, or voice commands via smart assistants like Amazon Alexa and Google Home. This manual provides essential information for the safe installation, operation, and maintenance of your smart switch.

Figure 1.1: Front view of the Davitu NEO COOLCAM Smart WiFi Light Touch Switch (2-gang version).

2. SAFETY INFORMATION

Please read all safety warnings and instructions carefully before installation and operation. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Electrical Installation:** Installation should only be performed by a qualified electrician or a person with thorough knowledge of electrical systems.

- **Power Disconnection:** Always disconnect power at the circuit breaker before installing, removing, or servicing the switch.
- **Voltage Compatibility:** Ensure the operating voltage of your electrical system matches the specifications of the switch (AC 85-250V).
- **Indoor Use Only:** This device is intended for indoor use in dry locations. Do not expose to water or excessive humidity.
- **Overload Protection:** Do not exceed the maximum current rating of 5 Amps per gang or 15 Amps total for multi-gang switches.
- **Children Safety:** Keep out of reach of children.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Davitu NEO COOLCAM Smart WiFi Light Touch Switch (1, 2, or 3 gang, depending on purchase)
- User Manual (This document)
- Mounting Screws

Figure 3.1: Different gang options for the Davitu NEO COOLCAM Smart WiFi Light Touch Switch.

4. SPECIFICATIONS

Feature	Specification
Brand	DAVITU
Operating Voltage	AC 85-250 Volts
Current Rating	5 Amps (per gang), Max 15 Amps total

Feature	Specification
Connectivity Protocol	Wi-Fi (2.4GHz only)
Controller Type	Amazon Alexa, Android, iOS (Google Home compatible)
Control Method	App, Remote (via app/voice), Touch
Mounting Type	Wall Mount
Actuator Type	Touch
International Protection Rating	IP85
Operation Mode	Off (Default state after power loss)

5. SETUP AND INSTALLATION

5.1 Wiring Diagram

Before starting, ensure the power is OFF at the circuit breaker. Incorrect wiring can damage the switch or cause electric shock.

Figure 5.1: Wiring terminals on the back of the smart switch.

1. **Disconnect Power:** Turn off the power to the light switch at the circuit breaker.
2. **Remove Old Switch:** Carefully remove your existing light switch from the wall box.
3. **Identify Wires:** Identify the Live (L), Neutral (N), and Load (L1, L2, L3) wires. A Neutral wire is required for this smart switch.
4. **Connect Wires:** Connect the wires to the corresponding terminals on the Davitu Smart Switch:
   - Connect the Live wire to the 'L' terminal.

- Connect the Neutral wire to the 'N' terminal.
- Connect the Load wire(s) for your light(s) to the 'L1', 'L2', or 'L3' terminals as appropriate for your switch gang configuration.

5. **Mount Switch:** Gently push the switch into the wall box and secure it with the provided mounting screws. Attach the glass panel.

6. **Restore Power:** Turn the power back on at the circuit breaker. The indicator light on the switch should illuminate.

5.2 App Pairing

To control your smart switch via your smartphone, you need to download and pair it with a compatible app (e.g., Smart Life or Tuya Smart app).

1. **Download App:** Search for 'Smart Life' or 'Tuya Smart' in your mobile app store (App Store for iOS, Google Play for Android) and install it.

2. **Register/Login:** Open the app and register a new account or log in if you already have one.

3. **Add Device:** Tap the '+' icon in the top right corner of the app to add a device. Select 'Electrical Switch' or 'Light Switch' from the device list.

4. **Enter Pairing Mode:** On the smart switch, press and hold any touch button for approximately 5-10 seconds until the Wi-Fi indicator light starts blinking rapidly. This indicates it's in pairing mode.

5. **Connect to Wi-Fi:** In the app, confirm the indicator is blinking rapidly. Enter your 2.4GHz Wi-Fi network password (5GHz networks are not supported).

6. **Pairing:** The app will begin searching for and connecting to the switch. Once connected, you can rename the switch and assign it to a room.

5.3 Voice Assistant Integration (Alexa/Google Home)

To enable voice control, link your Smart Life/Tuya Smart account with your preferred voice assistant.

1. **Open Voice Assistant App:** Open the Amazon Alexa app or Google Home app.

2. **Enable Skill/Action:**
   - For Alexa: Go to 'Skills & Games', search for 'Smart Life' or 'Tuya Smart', and enable the skill.
   - For Google Home: Go to 'Set up device' > 'Works with Google', search for 'Smart Life' or 'Tuya Smart'.

3. **Link Account:** You will be prompted to link your Smart Life/Tuya Smart account. Enter your credentials.

4. **Discover Devices:** Once linked, ask your voice assistant to