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LoraTap 602318824271

LoraTap Connected Roller Shutter Switch User Manual

Model: 602318824271

Brand: LoraTap

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1. INTRODUCTION

Thank you for choosing the LoraTap Connected Roller Shutter Switch. This smart WiFi curtain switch is designed to provide convenient and intelligent control over your roller shutters, blinds, and curtains. With compatibility for popular voice assistants like Amazon Alexa and Google Home, along with remote control via the Smart Life/Tuya app, you can manage your window coverings with ease from anywhere. This manual provides essential information for safe installation, operation, and maintenance of your new device.

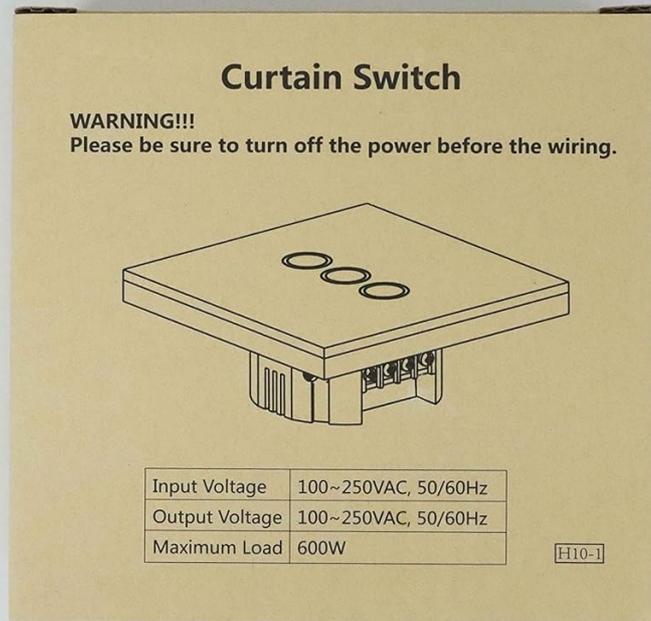


Image: The LoraTap Smart Switch seamlessly integrates into various environments, including offices, kitchens, bedrooms, and outdoor awning setups, demonstrating its versatility for different applications.

2. IMPORTANT SAFETY INFORMATION

Read all safety warnings and instructions carefully before installation and operation.

- **RISK OF ELECTRIC SHOCK OR FIRE:** Improper use or installation can cause **SERIOUS INJURY, DEATH, or LOSS/DAMAGE OF PROPERTY.** **TURN OFF** power supply before installing, servicing, or removing the receiver.
- Use a non-contact voltage tester to ensure the power is off. The receiver must be installed by a licensed electrician in accordance with all national and local electrical codes. If you are unsure about any part of these instructions, consult a qualified electrician.
- For indoor use only. For permanently installed fixtures only.
- Do not immerse product in any liquid or expose to heat or moisture.
- Ensure the product is only compatible with motors that have 4 wires (2 output wires, 1 neutral wire, and 1 ground wire).

<p>Important Safety Information Read manual before product use. [EN]</p> <p>1. RISK OF ELECTRIC SHOCK OR FIRE. Improper use or installation can cause SERIOUS INJURY, DEATH OR LOSS/DAMAGE OF PROPERTY. TURN OFF power supply before installing, servicing, or removing the receiver. Use a non-contact voltage tester to ensure the power is off. The receiver must be installed by a licensed electrician in accordance with all national and local electrical codes. If you are unsure about any part of these instructions, consult a qualified electrician.</p> <p>2. For indoor use only. For permanently installed fixtures only.</p> <p>3. Do not immerse product in any liquid or expose to heat or moisture.</p>	<p>Wichtige Sicherheitsinformationen Bevor Sie das Produkt verwenden, lesen Sie das Handbuch. [DE]</p> <p>1. GEFAHR VON ELEKTRISCHER ERSCHÜTTERUNG ODER FEUER. FALSCHER Verwendung oder Installation kann schwerwiegende VERLETZUNGEN, TOD oder VERLUST/SCHÄDEN AN EIGENTUM verursachen. SCHALTEN Sie den Stromversorgung aus, bevor Sie den Empfänger installieren, warten oder entfernen. Verwenden Sie einen nicht-kontaktvollen Spannungsmesser, um sicherzustellen, dass der Strom aus ist. Der Empfänger muss von einem lizenzierten Elektriker gemäß allen nationalen und lokalen Elektrizitätscodes installiert werden. Wenn Sie sich über einen Teil dieser Anweisungen unsicher sind, wenden Sie sich an einen qualifizierten Elektriker.</p> <p>2. Nur für den Innengebrauch. Nur für dauerhaft installierte Leuchten.</p> <p>3. Tauchen Sie das Produkt nicht in Flüssigkeiten ein oder exponieren Sie es Hitze oder Feuchtigkeit.</p>
<p>Informations importantes sur la sécurité Lisez le manuel avant d'utiliser le produit. [FR]</p> <p>1. RISQUE DE CHOC ÉLECTRIQUE OU D'INCENDIE. Une utilisation ou une installation incorrecte peut causer des BLESSURES GRAVE, LA MORT ou des DOMMAGES à la PROPRIÉTÉ. COUPER le courant avant d'installer, de réparer ou de retirer le récepteur. Utilisez un testeur de tension sans contact pour vous assurer que l'alimentation est coupée. Le récepteur doit être installé par un électricien agréé conformément à tous les codes électriques nationaux et locaux. Si vous n'êtes pas sûr de certaines parties de ces instructions, consultez un électricien qualifié.</p> <p>2. À usage intérieur uniquement. Pour installations fixes uniquement.</p> <p>3. Ne pas immerger le produit dans un liquide ni l'exposer à la chaleur ou à l'humidité.</p>	<p>Informazioni importanti sulla sicurezza Leggere il manuale prima dell'uso del prodotto. [IT]</p> <p>1. RISCHIO DI SCIOCCO ELETTRICO O INCENDIO. L'uso o l'installazione scorretta può causare FERITE GRAVE, MORTE o PERDITA/DANNO AL BENI. SPEGNERE l'alimentazione prima di installare, manutene o rimuovere il ricevitore. Usare un rilevatore di tensione a contatto remoto per assicurarsi che l'alimentazione sia spenta. Il ricevitore deve essere installato da un elettricista qualificato in conformità con tutti i codici elettronici nazionali e locali. Se non sei sicuro riguardo una parte di queste istruzioni, consulta un elettricista qualificato.</p> <p>2. Da utilizzare solo all'interno. Solo per impianti permanenti.</p> <p>3. Non immergere il prodotto in alcun liquido o esporlo a calore o umidità.</p>
<p>Información importante de seguridad Lea el manual antes de usar el producto. [ES]</p> <p>1. RIESGO DE CHOQUE ELÉCTRICO O INCENDIO. El uso o la instalación incorrecta puede causar LESIONES GRAVE, MUERTE o PÉRDIDA/DAÑO DE PROPIEDAD. APAGUER el suministro de energía antes de instalar, mantener o retirar el receptor. Use un detector de voltaje sin contacto para asegurarse de que el suministro de energía esté apagado. El receptor debe ser instalado por un electricista autorizado de acuerdo con todos los códigos eléctricos nacionales y locales. Si no está seguro de alguna parte de estas instrucciones, consulte a un electricista calificado.</p> <p>2. Sólo para uso interior. Sólo para accesorios instalados de forma permanente.</p> <p>3. No sumerja el producto en ningún líquido ni expóngalo al calor o la humedad.</p>	<p>Viktiga säkerhetsinformation Läs manualen innan du använder produkt. [SE]</p> <p>1. RISIKO FÖR ELEKTRISK STÖT OCH BRAND. FELaktig användning eller installation kan orsaka SÅRSKAPADE SKADOR, DÖD eller FÖRLUST/SKADOR på EGENDOM. STÄNG AV strömförsörjningen innan du monterar, underhåller eller tar bort mottagaren. Använd en icke-kontakt voltagetest för att säkerställa att strömmen är avstängd. Mottagaren måste installeras av en certifierad elektriker i enlighet med alla nationella och lokala standarder. Om du är osäker på någon del av dessa instruktioner, konsultera en kvalificerad elektriker.</p> <p>2. Endast för inre bruk. Endast för permanent installerade fittingar.</p> <p>3. Do inte dyka produkten i någon vätska eller exponera den för värme eller fukt.</p>
<p>Belangrijke veiligheidsinformatie Lees de handleiding voordat u het product gebruikt. [NL]</p> <p>1. RISICO OP ELEKTRISCHE SCHOK OF BRAND. ONJUIST gebruik of installeren kan ZWAARGEWONDE, DOOD of VERLIES/SCHADE aan EIGENDOM veroorzaken. SCHAKEL de stroomvoorziening UIT voordat u de ontvanger installeert, onderhoudt of verwijdert. Gebruik een niet-contact voltagemeter om te controleren of de stroom is uit. De ontvanger moet worden geïnstalleerd door een gecertificeerde elektricien overeenkomstig alle nationale en lokale elektriciteitscodes. Als u onzeker bent over een deel van deze instructies, neem dan contact op met een gekwalificeerde elektricien.</p> <p>2. Alleen voor binnengebruik. Alleen voor vastgelegde beugels.</p> <p>3. Dik het product niet in enige vloeistof onderdompelen of blootstellen aan hitte of vochtigheid.</p>	<p>Ważne informacje o bezpieczeństwie Przeczytaj instrukcję przed użyciem produktu. [PL]</p> <p>1. RYZYKO WYSTRZAŁU ELEKTRYCZNEGO LUB POŻARU. NIEPRAWIDŁOWE korzystanie lub montaż może spowodować CIĘŻKIE UŻYCIA, ŚMIERĆ lub STRACĘ/USZKODZENIE Majątku. WYŁĄCZ zasilanie przed montażem, konserwacją lub usunięciem odbiornika. Użyj testera napięcia niekontaktowego, aby upewnić się, że zasilanie jest wyłączone. Odbiornik musi być zainstalowany przez uprawnionego elektryka zgodnie z wszystkimi krajowymi i lokalnymi przepisami elektrycznymi. Jeśli nie jesteś pewien co do któregośkolwiek z tych instrukcji, skonsultuj się z kwalifikowanym elektrykiem.</p> <p>2. Do użytku wewnętrznego wyłącznie. Do stałych zainstalowanych elementów os wietleniowych wyłącznie.</p> <p>3. Nie zanikaj produktu w żadnej cieczy ani nie ekspozuj go na ciepło lub wilgotno.</p>

Image: The product packaging clearly displays a warning to turn off power before wiring, emphasizing the importance of electrical safety during installation.

3. PRODUCT OVERVIEW AND FEATURES

The LoraTap Connected Roller Shutter Switch offers a sleek design with advanced smart home capabilities. Its key features include:

- **Voice Control:** Compatible with Amazon Echo Alexa and Google Home for hands-free operation.
- **Touch Control:** Responsive touch panel for direct manual control.
- **Programmable Timers:** Schedule automatic opening and closing times via the "Smart Life" app.
- **Remote Control:** Control your curtains from anywhere using the Smart Life & Tuya APP on your smartphone or tablet.
- **Group Control & Sharing:** Control up to 20 switches in a group and share access with family members.
- **Discreet LED Indicators:** LED lights on buttons only illuminate when touched, ensuring no disturbance

during sleep.

- **Durable Design:** Features a tempered glass panel for enhanced safety and longevity.

Package Contents:

- 1 x LoraTap Connected Roller Shutter Switch
- 1 x User Manual
- Mounting Screws (typically included)



Image: A clear front view of the LoraTap Connected Roller Shutter Switch, showcasing its minimalist design and touch control icons for up, pause, and down.

4. INSTALLATION GUIDE

Note: Installation should only be performed by a qualified electrician. Ensure power is OFF before beginning installation.

4.1 Wiring Diagram

The LoraTap switch requires a 4-wire motor connection. Please refer to the diagram below for correct wiring. Ensure all connections are secure.

- **L:** Live Wire (Input)
- **N:** Neutral Wire (Input)
- **L1:** Output Wire for UP (Motor)
- **L2:** Output Wire for DOWN (Motor)
- **Ground Wire:** Connect to the motor's ground wire.

Commande vocale-libérer votre main

Contrôlé par voix via Alexa et Google Assistant



Image: A detailed wiring diagram illustrating the connections for the LoraTap switch, showing input for Live (L) and Neutral (N), and outputs for motor Up (L1) and Down (L2), along with the ground connection.



Image: The rear view of the LoraTap switch, showing the clearly labeled wiring terminals (L, N, L1, L2) and the compact design for wall mounting. Dimensions are also visible.

4.2 Physical Installation

1. **Turn off Power:** Locate the circuit breaker controlling the power to the switch location and turn it OFF. Verify with a non-contact voltage tester.
2. **Remove Old Switch:** Carefully remove your existing roller shutter switch from the wall box.
3. **Wire the LoraTap Switch:** Connect the wires according to the wiring diagram (Section 4.1). Ensure all wires are securely fastened in their respective terminals.
4. **Mount the Switch:** Gently push the LoraTap switch into the wall box. Secure it using the provided screws.
5. **Attach Faceplate:** Snap the glass faceplate onto the switch module.
6. **Restore Power:** Turn the power back ON at the circuit breaker.

4.3 App Pairing (Smart Life/Tuya App)

To enable smart features, you need to pair the switch with the Smart Life or Tuya app.

1. **Download App:** Download the "Smart Life" or "Tuya Smart" app from your smartphone's app store (iOS App Store or Google Play Store).
2. **Register/Login:** Open the app and register for a new account or log in if you already have one.
3. **Enter Pairing Mode:** On the LoraTap switch, press and hold the PAUSE button for approximately 5-7 seconds until the indicator light starts blinking rapidly. This indicates it's in pairing mode.
4. **Add Device:** In the app, tap the "+" icon (usually in the top right corner) to add a new device. Select "Curtain Switch" or "Shutter Switch" from the device list.

5. **Connect to Wi-Fi:** Follow the on-screen prompts to connect the switch to your 2.4GHz Wi-Fi network. Ensure your phone is also connected to the same 2.4GHz network.
6. **Confirm Pairing:** Once connected, the indicator light on the switch will stop blinking and remain solid. The device will appear in your app's device list.



Image: A visual representation of the Smart Life app interface, showing options for remote control, scheduling, touch control, and voice commands for the curtain switch.

5. OPERATING INSTRUCTIONS

5.1 Manual Control (Touch Panel)

The switch features three touch-sensitive buttons on its glass panel:

- **Up Arrow (▲):** Touch to open the roller shutter/blind.
- **Pause (||):** Touch to pause the roller shutter/blind at its current position.

- **Down Arrow (▼):** Touch to close the roller shutter/blind.

5.2 App Control (Smart Life/Tuya App)

Once paired, you can control your roller shutter from anywhere using the app:

- **Remote Open/Close/Pause:** Open the app, select your switch, and use the virtual buttons to control your curtain.
- **Scheduling/Timer Function:**
 - a. In the app, navigate to the switch settings.
 - b. Select "Schedule" or "Timer" to set specific times for opening or closing.
 - c. You can set daily, weekly, or custom schedules.
- **Adjusting Operation Time:**
 - a. If your shutter stops mid-way, you can adjust the full open/close time in the app settings.
 - b. This allows for precise control over the shutter's travel distance.



Image: The Smart Life app interface demonstrating the timer function, allowing users to schedule automatic opening and closing of roller shutters at specific times, such as 8:00 AM for opening and 10:00 PM for closing.

Réglage du Temps de Travail



Vous pouvez programmer le temps fixe du fonctionnement pour chaque descente ou montée.

Remarque: Si vous trouvez que le volet s'arrête à mi-course, veuillez régler le temps ici.

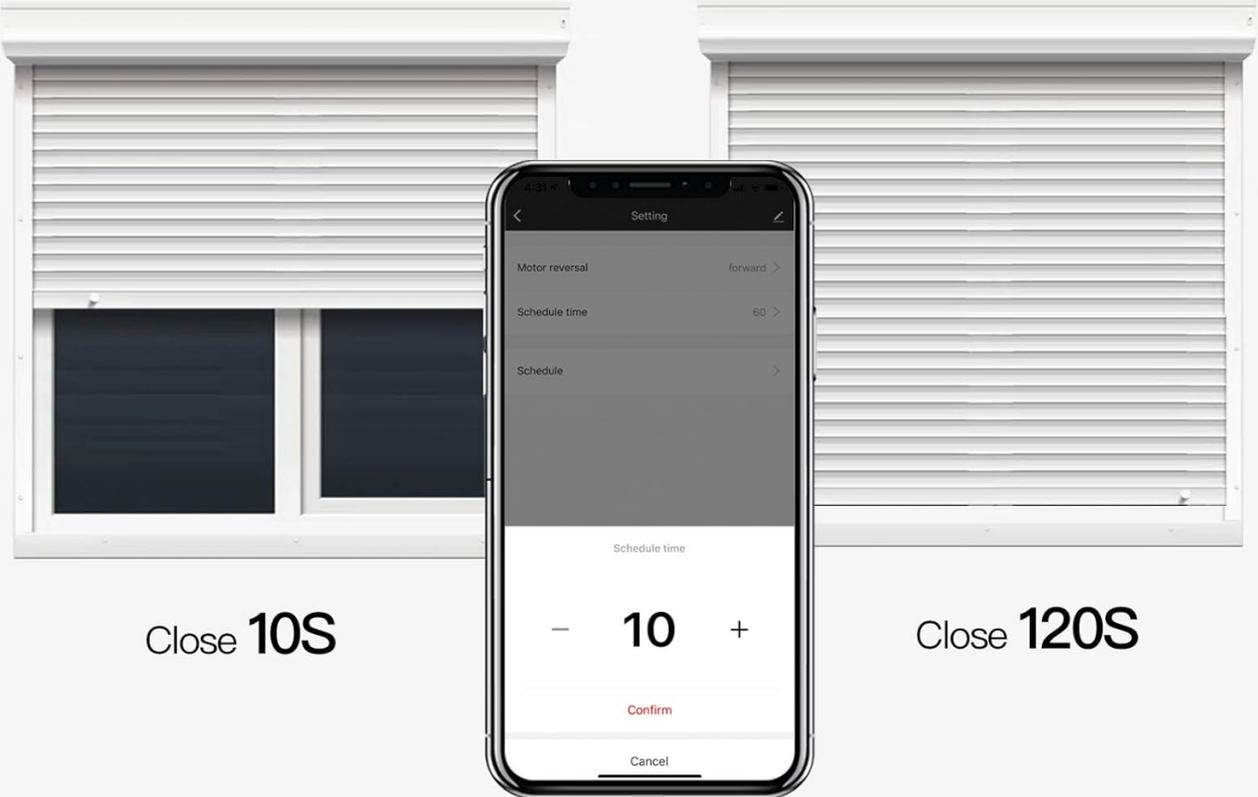
Image: The Smart Life app interface showing the "Schedule time" setting, where users can define the precise duration for the motor's operation (e.g., 10 seconds or 120 seconds) to ensure full opening or closing of the roller shutter.

5.3 Voice Control (Alexa / Google Home)

Integrate your LoraTap switch with Amazon Alexa or Google Home for convenient voice commands:

1. **Link Account:** In the Alexa or Google Home app, enable the "Smart Life" or "Tuya Smart" skill/action and link your account.
2. **Discover Devices:** Ask your voice assistant to "Discover devices" or manually add the switch in the app.
3. **Voice Commands:** Use commands such as:
 - "Alexa, open [Device Name]"
 - "Hey Google, close [Device Name]"
 - "Alexa, pause [Device Name]"
 - "Hey Google, set [Device Name] to 50%" (if supported by your motor/app configuration)

Réglage du Temps de Travail



Vous pouvez programmer le temps fixe du fonctionnement pour chaque descente ou montée.

Remarque: Si vous trouvez que le volet s'arrête à mi-course, veuillez régler le temps ici.

Image: A depiction of voice control functionality, showing a child interacting with an Amazon Echo device to control the roller shutter, highlighting compatibility with Alexa and Google Assistant.

6. MAINTENANCE

The LoraTap Connected Roller Shutter Switch is designed for low maintenance. Follow these guidelines to ensure its longevity:

- **Cleaning:** Wipe the glass panel with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the switch is dry before use.
- **Avoid Moisture:** Do not expose the switch to excessive moisture or direct water spray. The tempered glass panel offers some water resistance for safe handling with wet hands, but it is not waterproof.
- **Regular Checks:** Periodically check the wiring connections to ensure they remain secure.

Sûr et étanche

Manipulation en toute sécurité même par les mains mouillées

Panneau en verre trempé, la qualité du produit reste inchangée même en terme longue



SIZE

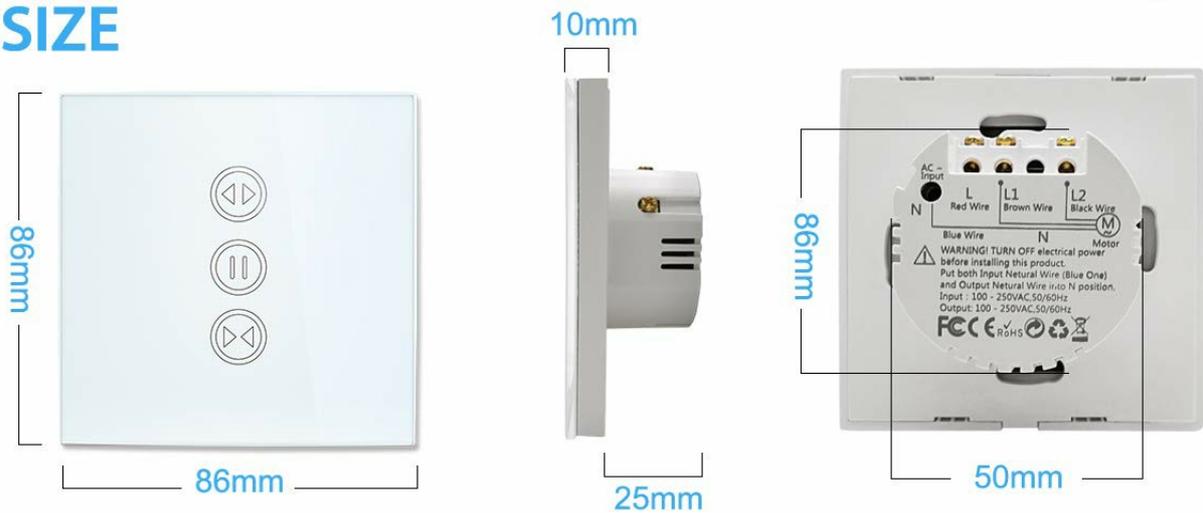


Image: The LoraTap switch with water droplets on its tempered glass panel, illustrating its safe and splash-resistant design, allowing for manipulation even with wet hands.

7. TROUBLESHOOTING

If you encounter issues with your LoraTap switch, refer to the table below for common problems and solutions:

Problem	Possible Cause	Solution
Switch does not respond to touch.	No power; Incorrect wiring; Faulty switch.	Check circuit breaker. Verify wiring according to diagram. Contact support if issue persists.
Cannot pair with app.	Incorrect Wi-Fi band (not 2.4GHz); Incorrect pairing mode; Weak Wi-Fi signal.	Ensure your router is broadcasting 2.4GHz Wi-Fi. Confirm switch is blinking rapidly. Move closer to router.

Problem	Possible Cause	Solution
Roller shutter stops mid-way.	Operation time not calibrated in app.	Adjust the "Schedule time" or "Motor reversal" settings in the Smart Life/Tuya app to match your motor's full travel time.
Voice control not working.	Smart Life/Tuya skill not linked; Device not discovered; Incorrect voice command.	Ensure Smart Life/Tuya skill is enabled and linked in Alexa/Google Home app. Redo device discovery. Use correct device name and commands.
LED indicators are always on.	This model's LEDs only turn on when touched. If always on, it might indicate a fault.	Contact customer support.

8. TECHNICAL SPECIFICATIONS

Feature	Detail
Brand	LoraTap
Model Number	602318824271
Part Number	HU-XI-201
Input Voltage	100-250VAC, 50/60Hz
Output Voltage	100-250VAC, 50/60Hz
Maximum Load	600W
Current Rating	10 Amps
Wi-Fi Frequency	2.4GHz
Wi-Fi Standard	IEEE 802.11 b/g/n
Radio Type	2.4GHz Wi-Fi
Max RF Power Transmitted	17.5 dBm
Item Weight	180 g
Package Dimensions	10.8 x 10.1 x 4.4 cm
Switch Type	1-way
Mounting Type	Wall Mount
Batteries Required?	No

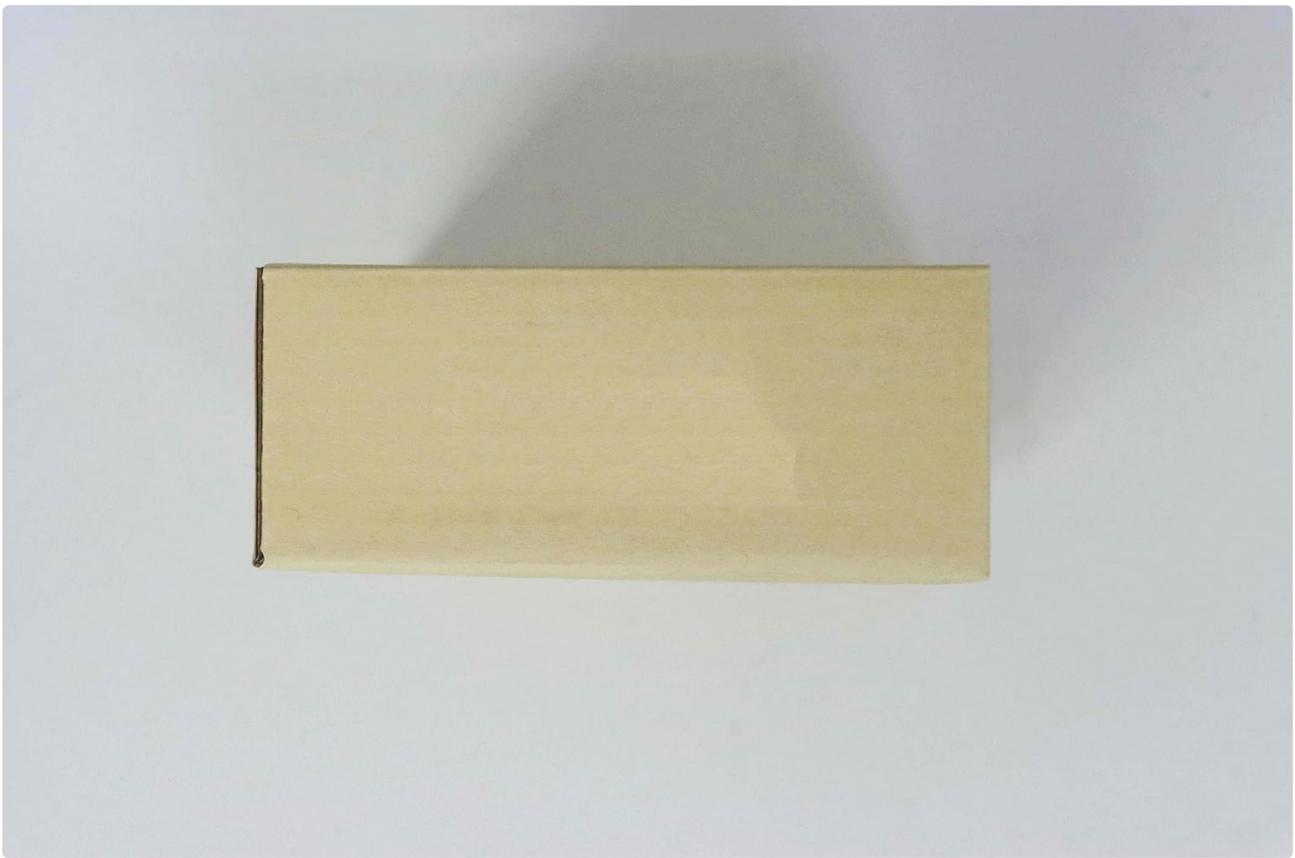


Image: The back of the product packaging, displaying key technical specifications such as Wi-Fi frequency, standard, and maximum RF power transmitted, along with regulatory marks.

9. WARRANTY AND SUPPORT

LoraTap is committed to providing high-quality products. This product comes with a **3-year warranty** from the date of purchase.

For technical support, troubleshooting assistance, or warranty claims, please contact LoraTap customer service through the retailer's platform or visit the official LoraTap website for contact information.

Please have your model number (602318824271) and purchase details ready when contacting support.

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Related Documents - 602318824271

	<p>LoraTap SC420W-EU Smart Curtain Switch Installation Guide</p> <p>Detailed installation instructions for the LoraTap SC420W-EU Smart Curtain Switch, compatible with Tuya Smart Life, Google Home, and Alexa voice assistants for controlling roller shutter electric motors.</p>
	<p>LoraTap Smart Curtain Switch User Manual</p> <p>User manual for the LoraTap Smart Curtain Switch, detailing installation, app control via Smart Life, and troubleshooting for Wi-Fi connected electric blinds and curtains.</p>

Installation Caution:

- Turn off the AC power before installation.
- Do not connect DC-powered motor, the device is dedicated to operating AC-powered electric motors.
- The device should be installed in a wall which has completed with relevant national safety standards and with a depth no less than 50mm.
- Works ONLY with roller blind motors with electronic or mechanical limit switches.

Installation with standard blind:

Installation with blind with built-in driver with built-in driver:

If you don't use physical manual switch, please refer to below wiring diagram:

Do not connect the device to other devices in a pair of wires. You cannot just be connected to the power line.

[LoraTap SC500W Smart Curtain Switch Installation Guide & Wiring Diagrams](#)

Detailed installation guide and wiring instructions for the LoraTap SC500W smart curtain switch module. This document covers installation cautions, wiring for standard blinds and blinds with built-in drivers, and options for use without a physical manual switch, ensuring proper AC power connection for smart home automation.

Roller Shutter Module User Guide

Installation Caution:

- Turn off the AC power before installation.
- Do not connect DC-powered motor, the device is dedicated to operating AC-powered electric motors.
- The device should be installed in a wall which has completed with relevant national safety standards and with a depth no less than 50mm.
- Works ONLY with roller blind motors with electronic or mechanical limit switches only.

[LoraTap SC500W Roller Shutter Module User Guide and Installation](#)

Comprehensive user guide for the LoraTap SC500W Roller Shutter Module, covering installation, wiring, setup with the Smart Life app, and troubleshooting for smart home automation.

Model No. BA101KS

Key Features:

- Supports 100W LED light bulbs.
- Supports 100W LED light bulbs.
- Supports 100W LED light bulbs.

Installation:

- Remove the old light socket.
- Remove the old light socket.
- Remove the old light socket.

Wiring:

App Control:

Package Contents:

- Smart Garage Door Opener
- Signal Control Cable
- Power Cable
- AC Power Plug
- Adhesive Tape
- Limit Switch
- Bracket

[LoraTap BA101KS Smart Wi-Fi Light Socket User Guide](#)

Comprehensive user guide for the LoraTap BA101KS Smart Wi-Fi LED Light Bulb Socket Adapter, covering setup, app control, troubleshooting, and specifications.

Smart Garage Door Opener User Guide

Package Contents:

- Smart Garage Door Opener
- Signal Control Cable
- Power Cable
- AC Power Plug
- Adhesive Tape
- Limit Switch
- Bracket

[Smart Garage Door Opener User Guide and Installation Instructions](#)

Comprehensive user guide for the LoraTap Smart Garage Door Opener, covering package contents, installation, app integration with Smart Life and Tuya, Wi-Fi setup, sensor mounting, wiring, and voice control via Amazon Alexa and Google Home.

