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> XINLANTECH 3.7V 5200mAh Rechargeable Li-ion Battery Pack User Manual for AOSU V8S1AX11, V8P1AX11, Botslab R811, R810 Video Doorbell Cameras

XINLANTECH XL-2110

XINLANTECH 3.7V 5200mAh Rechargeable Li-ion Battery Pack User Manual

For AOSU V8S1AX11, V8P1AX11, Botslab R811, R810 Video Doorbell Cameras

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your XINLANTECH 3.7V 5200mAh Rechargeable Li-ion Battery Pack. This battery is designed as a replacement power source for compatible video doorbell cameras, including specific AOSU and Botslab models. Please read this manual thoroughly before installation and operation to ensure optimal performance and safety.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x XINLANTECH 3.7V 5200mAh Rechargeable Li-ion Battery Pack



Image 2.1: The XINLANTECH 3.7V 5200mAh Rechargeable Li-ion Battery Pack, showing its blue casing and connector cable.

3. TECHNICAL SPECIFICATIONS

Feature	Specification
Battery Type	Rechargeable Lithium-ion (Li-ion)
Model Number	XL-2110 (also known as 1inr19/66-2, XL-18650-1S2P)
Nominal Voltage	3.7 V
Typical Capacity	5200 mAh
Energy	19.24 Wh
Limited Charging Voltage	4.2 V
Discharge Cut-off Voltage	2.95 V
Maximum Charging Current	5 A
Maximum Discharge Current	15 A
Weight	99 g
Configuration	1S2P (two 2600mAh cells in parallel)

4. COMPATIBILITY

This XINLANTECH battery pack is designed as a direct replacement for the following video doorbell camera models:

- AOSU Doorbell Camera V8S1AX11
- AOSU Doorbell Camera V8P1AX11
- AOSU Doorbell Camera V8E2CA11
- Botslab Video Doorbell Camera R811
- Botslab Video Doorbell Camera R810

Battery Replacement for -
AOSU Doorbell Camera V8S1AX11
AOSU Doorbell Camera V8P1AX11
AOSU Doorbell Camera V8E2CA11
Botslab Video Doorbell Camera R811
Botslab Video Doorbell Camera R810



Image 4.1: The battery pack shown alongside a list of compatible doorbell camera models.

5. SAFETY INFORMATION

WARNING: Improper handling of lithium-ion batteries can lead to fire, explosion, or chemical burns.

- Do not disassemble, crush, puncture, or short-circuit the battery.
- Do not expose the battery to high temperatures (above 60°C / 140°F) or direct sunlight.
- Do not immerse the battery in water or other liquids.
- Use only chargers specified for lithium-ion batteries with the correct voltage and current.
- Keep the battery away from children and pets.
- If the battery shows signs of damage, swelling, or leakage, discontinue use immediately and dispose of it properly.
- The battery includes an integrated protection circuit against overcharge, over-discharge, overcurrent, and short-circuit to enhance safety.

6. INSTALLATION (SETUP)

Follow these steps to install the replacement battery in your compatible doorbell camera:

1. **Power Off Device:** Ensure your doorbell camera is completely powered off and disconnected from any power source before beginning installation.
2. **Locate Battery Compartment:** Refer to your doorbell camera's original user manual to locate and open the battery compartment. This usually involves removing a cover or screws.
3. **Remove Old Battery:** Carefully disconnect the old battery's connector from the camera's port. Remove the old battery from its compartment.
4. **Insert New Battery:** Place the XINLANTECH replacement battery into the compartment, ensuring it fits securely.
5. **Connect Battery:** Align the 3-pin connector of the new battery with the corresponding port in the doorbell camera and gently push until it clicks into place. Ensure the red wire connects to the positive (+) terminal and the black wire to the negative (-) terminal, as indicated on the battery label.
6. **Secure Compartment:** Close the battery compartment cover and secure it with any screws or latches that were removed.
7. **Initial Charge:** It is recommended to fully charge the new battery before its first use. Connect your doorbell camera to its power adapter and allow it to charge until the charging indicator shows full.

7. OPERATION

Once installed and fully charged, the battery pack will power your doorbell camera. The camera's operational status and battery level indicators will function as described in your doorbell camera's specific user manual.

- **Charging:** The battery charges automatically when the doorbell camera is connected to its power source.
- **Discharge:** The battery provides power to the doorbell camera during normal operation and when disconnected from external power.
- **Battery Life:** Actual battery life will vary depending on usage patterns, environmental conditions, and camera settings.

8. MAINTENANCE

- **Cleaning:** Keep the battery and its connectors clean and dry. Use a soft, dry cloth to wipe off any dust or

debris.

- **Storage:** If storing the battery for an extended period, ensure it is charged to approximately 50-60% capacity. Store it in a cool, dry place away from direct sunlight and extreme temperatures. Avoid storing fully charged or fully depleted batteries for long periods.
- **Disposal:** Do not dispose of the battery in household waste. Lithium-ion batteries must be recycled or disposed of according to local regulations. Many retailers and recycling centers offer battery recycling programs.

9. TROUBLESHOOTING

If you encounter issues with your battery pack, refer to the following common problems and solutions:

- **Battery Not Charging:**
 - Ensure the battery connector is securely plugged into the camera's port.
 - Verify that the doorbell camera's power adapter is functioning correctly and connected to a live power outlet.
 - Check the charging indicator on your doorbell camera. If it's not illuminating, consult your camera's manual.
 - Inspect the battery and connector for any visible damage.
- **Doorbell Camera Not Powering On:**
 - Confirm the battery is fully charged.
 - Ensure the battery is correctly installed and its connector is firmly seated.
 - If the issue persists, try reinstalling the battery.
- **Short Battery Life:**
 - Review your doorbell camera's settings; frequent motion detection, live view access, or high-resolution recording can consume more power.
 - Ensure the battery is receiving a full charge.
 - Extreme temperatures can affect battery performance.

If these steps do not resolve the issue, please contact customer support.

10. WARRANTY AND SUPPORT

XINLANTECH products are manufactured with quality and reliability in mind. For warranty information or technical support, please contact the manufacturer or your point of purchase.

Manufacturer: SHENZHEN XINLAN TECHNOLOGY CO., LTD

EU Representative: E-CrossStu GmbH

For specific inquiries, refer to the contact information provided on the product packaging or the manufacturer's official website.

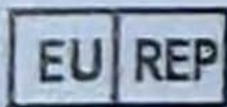
XINLANTECH

SHENZHEN XINLAN TECHNOLOGY CO., LTD

**Add: No 401, 215 Hao ChenWuWei, GangTouCun, GuanHu
SheQu, GuanLan JieDao, Longhua Qu, SHENZHEN,
GUANGDONG, 518110,, CN**

e.mail:uk@rzfinter.com

Tel:+ 86-13560728197



Firmenname: E-CrossStu GmbH

**Add:Mainzer Landstr.69, Frankfurt am
Main, Hessen, 60329 Deutschland**

e.mail:e-crossstu@web.de

Tel:+49 69332967674

Nr. 202406530284-1

Above address is ONLY for EU representative purpose. NOT INVOLVING IN ANY SALE OR PRODUCT RETURN. Only manufacturer, importer or seller shall be solely held responsible for product quality or after sale issues.



MADE IN CHINA

Image 10.1: Manufacturer and EU representative contact details as printed on the product packaging.



Image 10.2: Product packaging displaying model number XL-18650-1S2P and barcode X0022WII15.

