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› SRJTEK INCELL Screen Replacement for Xiaomi Redmi Note 10 Pro 4G (M2101K6G, M2101K6RL) Instruction Manual

SRJTEK Redmi Note 10 Pro 4G

SRJTEK INCELL Screen Replacement for Xiaomi Redmi Note 10 Pro 4G (M2101K6G, M2101K6RL)

Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, testing, and troubleshooting of your new SRJTEK INCELL Screen Replacement for Xiaomi Redmi Note 10 Pro 4G. Please read all instructions carefully before proceeding with the installation to ensure proper function and avoid damage.

2. SAFETY INFORMATION

- Always power off your device completely before starting any repair.
- Disconnect the battery cable before disconnecting any other flex cables to prevent short circuits.
- Use appropriate tools to avoid damaging components.
- Handle flex cables and connectors with extreme care; they are fragile.
- Avoid touching the IC (Integrated Circuit) part of the screen or applying excessive pressure, as this can cause damage.
- Wear anti-static gloves or use an anti-static wrist strap to prevent electrostatic discharge (ESD) damage.

3. PACKAGE CONTENTS

Verify that your package contains the following items:

- 1x SRJTEK INCELL LCD Screen Replacement with Frame for Xiaomi Redmi Note 10 Pro 4G
- 1x Set of Special Removal Tools (may include screwdrivers, prying tools, suction cup, SIM ejector pin)
- 1x Tempered Film
- 1x Dust Removal Sticker
- 1x Double-sided Adhesive Tape
- 1x Disassembly Card



Image: Included repair tools and screen protector for installation.

4. COMPATIBILITY

This screen replacement is compatible with the Xiaomi Redmi Note 10 Pro 4G models: **M2101K6G** and **M2101K6RL**. It features a 6.67-inch display with 1080x2400 pixels. Please verify your phone's model number before installation.

5. PRE-INSTALLATION STEPS

1. **Inspect the Product:** Before installation, carefully inspect the new screen for any physical damage, scratches, or defects.
2. **Test the Screen:** It is crucial to test the screen functionality before full installation. Connect the new screen's flex cable to your phone's motherboard without fully installing it. Power on the phone and test the display colors, touch sensitivity, and overall responsiveness.
3. **Power Off Device:** Ensure your phone is completely powered off before disconnecting the old screen or connecting the new one.

Video: Preview of screen replacement for Redmi Note 10 5G, demonstrating the initial unboxing and connection for testing. Note: This video is for a similar model (Redmi Note 10 5G), but the general testing principles apply.

6. INSTALLATION GUIDE

This guide assumes basic knowledge of phone repair. If you are unsure, seek professional assistance.

1. **Remove Back Cover:** Carefully heat the edges of the phone's back cover to loosen the adhesive. Use a suction cup and prying tools to gently separate the back cover from the frame.
2. **Disconnect Battery:** Locate the battery connector on the motherboard and carefully disconnect it using a plastic spudger. This is a critical safety step.
3. **Remove Old Screen:** Disconnect the flex cables of the old screen from the motherboard. Gently heat the edges of the old screen to loosen its adhesive. Use prying tools to carefully remove the damaged screen from the phone frame.
4. **Clean Frame:** Remove any remaining adhesive or glass fragments from the phone frame. Ensure the frame is clean and smooth for the new screen.
5. **Connect New Screen (Temporary):** Connect the flex cables of the new screen to the corresponding connectors on the motherboard. Do not apply adhesive yet.

6. **Test New Screen:** Reconnect the battery and power on the phone. Perform a thorough test of the new screen's display quality, touch functionality, and any other relevant features (see Section 7 for detailed testing).
7. **Final Installation:** If the new screen passes all tests, power off the phone and disconnect the battery. Apply new adhesive to the phone frame. Carefully align and press the new screen into place. Reconnect the battery and all other components.
8. **Secure and Reassemble:** Reattach the back cover and apply gentle pressure or use clamps for a few hours to ensure the adhesive cures properly.



Image: Front view of the SRJTEK INCELL Screen Replacement for Redmi Note 10 Pro 4G.



Display Effect Comparison

Our screens is more high-definition, added polarizers, which can protect your eyes well. Compared with other cheaper screens, better brightness , higher resolution , more advanced visual experience



Image: Back view of the screen replacement, showing the flex cables and components.



Image: Exploded view illustrating the internal and external screen components, including the camera ring, screw, flex cable, connector, and ARC frame.

7. TESTING THE NEW SCREEN

After connecting the new screen, perform the following tests:

1. **Display Test:** Check for dead pixels, discoloration, or lines on the screen. Navigate through different apps and backgrounds to observe color reproduction.
2. **Touch Sensitivity Test:** Open a drawing application or use the phone's diagnostic mode (often accessed by dialing *#0*#) to draw across the entire screen. Ensure there are no unresponsive areas.
3. **Brightness and Viewing Angles:** Adjust the screen brightness to maximum and minimum. Check the display quality from various viewing angles.



Image: Comparison of display effects, highlighting adjustable brightness and higher definition of the SRJTEK screen.



Image: Illustration emphasizing the high sensitivity and smooth touch function of the screen.

Video: Guide on how to test the screen before installation and solve common problems like black screen or unresponsive touch. This video is universal for various phone models.

8. TROUBLESHOOTING

If you encounter issues after connecting the new screen, consider the following:

- **Black Screen / No Display:**
 - Ensure the phone was powered off before connecting the new display. If not, disconnect the battery cable, then reconnect it and try powering on again.
 - Check if the display flex cable is securely connected to the motherboard. Disconnect and reconnect it to ensure a firm connection.
 - Inspect the flex cable and its connector for any damage or bent pins.
- **Unresponsive Touch / Insensitive Touch:**
 - Ensure the touch screen flex cable is properly seated and not loose.
 - Clean the connector on both the screen and the motherboard with a soft brush or isopropyl alcohol to remove any dust or debris.
 - Verify that the IC (Integrated Circuit) on the screen's flex cable is not damaged or broken. Damage to the IC can lead to black screen, screen lines, or touch issues.
- **Lines on Screen / Discoloration:**
 - This can indicate a damaged flex cable or a faulty display panel. Recheck connections.
 - Ensure no excessive pressure was applied to the screen during installation, especially near the flex cable connections.

Video: Demonstrates common issues like black screen or unresponsive touch and provides solutions, including checking cable connections and the IC part.

9. SPECIFICATIONS

Feature	Detail
Product Type	INCELL LCD Screen Replacement with Frame
Compatibility	Xiaomi Redmi Note 10 Pro 4G (M2101K6G, M2101K6RL)

Display Size	6.67 inches
Resolution	1080x2400 pixels
Touch Function	3D Sensitivity Touch
Material	INCELL (Note: Screen size may be slightly smaller than original, no fingerprint sensor)
Hardness	9H (Scratchproof)
Features	High brightness, high pixel, wide color gamut, smooth feel, 3D Arc edge
Item Weight	5.6 ounces
Package Dimensions	7.48 x 7.01 x 1.26 inches

10. MAINTENANCE

To prolong the life of your new screen:

- Avoid dropping your phone or subjecting it to strong impacts.
- Use a screen protector (tempered film included) to prevent scratches.
- Clean the screen with a soft, lint-free cloth. Avoid harsh chemicals.
- Keep your phone away from extreme temperatures and moisture.

11. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the seller's contact details provided with your purchase or visit the SRJTEK store on Amazon. It is recommended to retain your proof of purchase for warranty claims.

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