

## TURN RAISE AT036

# TURN RAISE Triple Lens Sewer Inspection Camera (Model AT036)

Instruction Manual

## 1. INTRODUCTION

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Welcome to the instruction manual for your TURN RAISE Triple Lens Sewer Inspection Camera. This industrial borescope is designed for detailed visual inspection in hard-to-reach areas, featuring a triple-lens system, a 5-inch IPS screen, and a 50-foot semi-rigid cable. Please read this manual thoroughly before operating the device to ensure safe and effective use.

## 2. SAFETY INFORMATION

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- Do not use this device for medical purposes.
- Keep the device away from fire, water, or other corrosive materials.
- Store in a dry, cool place when not in use.
- Ensure proper handling and storage of all accessories.
- Avoid bending the cable excessively or forcefully, as this may damage internal components.

## 3. PACKAGE CONTENTS

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Verify that all items listed below are included in your package:

- Borescope Camera with Light (x1)
- Carrying Case (x1)
- Type-C Charging Cable (x1)
- Hook (x1)
- Magnet (x1)
- Manual (x1)



Image: The complete package including the borescope, coiled cable, carrying case, charging cable, hook, magnet, and manual.

## 4. PRODUCT OVERVIEW

The TURN RAISE Triple Lens Sewer Inspection Camera is an advanced tool for industrial and home inspections, providing clear visual access to confined and hard-to-reach areas.

### Key Features:

- **Triple-Lens System:** Allows for an all-round view with front and side cameras, reducing the need to twist the cable. Features 5 viewing modes and focal ranges of 1.9-4.7 inches (front cam A), 1.2-3.1 inches (side cam B), and 0.8-2.4 inches (side cam C).
- **5-inch IPS Screen:** Provides wider visibility and a clearer view with HD full viewing angle and high brightness.
- **50-foot Semi-Rigid Cable:** A long, flexible cable that retains its shape for inspecting sewers, wells, chimneys, P-structure pipes, and other confined spaces.
- **IP67 Waterproof Probe:** The camera probe is IP67 rated, making it suitable for harsh and humid environments.
- **Adjustable LED Lights:** Features 8+2 adjustable LED light beads with 5 brightness levels for clear

visibility in low-light conditions.

- **Photo & Video Recording:** Supports photo and video capture with a 32GB storage card included.
- **No External Devices Needed:** Operates independently without requiring Wi-Fi, Bluetooth, or a smartphone app.



Image: The main borescope unit with its integrated screen and the coiled 50-foot semi-rigid cable.



Image: A detailed diagram showing the three lenses (A, B, C) and their respective focal ranges for comprehensive viewing.

# Large 5" IPS Screen

Wider visibility and clearer view

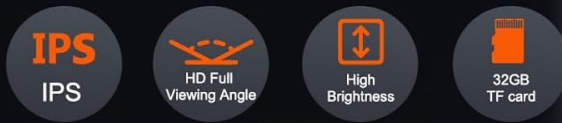


Image: The large 5-inch IPS screen, highlighting its wide visibility and clear display for detailed inspections.

# IP67 Illuminating Probe

Tackle various inspection tasks with ease



Image: The IP67-rated illuminating probe submerged in water, demonstrating its waterproof capability and adjustable LED lights.

Video: Demonstrates the 1080P Triple-Lens with Split-Screen functionality, showing how different camera views can be displayed simultaneously for enhanced inspection.

## 5. SETUP

1. **Charging:** Before first use, fully charge the device. Connect the provided Type-C charging cable to the charging port on the side of the main unit. The charging indicator will show the status.
2. **SD Card Insertion:** Locate the TF card slot, usually protected by a rubber cover on the side of the main unit. Insert the included 32GB storage card until it clicks into place. Ensure the card is inserted correctly.
3. **Probe Connection:** Ensure the camera probe's connector is securely fastened to the corresponding port on the main unit.
4. **Power On:** Press and hold the power button (usually marked with a power symbol) for a few seconds until the screen illuminates and the TURN RAISE logo appears.

# TURN RAISE INSPECTION CAMERA



No phone  
required



No WiFi  
required



No APP  
required



No Bluetooth  
required



Split  
screen



Adjustable  
lens  
light brightness



360°  
viewing angle



Image: A detailed view of the borescope's control panel, highlighting the Type-C port, TF card slot, ON/OFF button, and other control keys.

## 6. OPERATING INSTRUCTIONS

1. **Power On/Off:** Press and hold the power button to turn the device on or off.
2. **Live View:** Once powered on, the screen will display the live feed from the camera probe.
3. **Lens Switching:** Use the 'lens switching key' (often labeled with a camera icon or arrows) to cycle between the front camera (A) and side cameras (B and C), or various split-screen views.
4. **Adjusting Brightness:** Use the 'Lens Light +/-' buttons (up/down arrows) to adjust the brightness of the LED lights on the camera probe. There are 5 levels of brightness.
5. **Image Flip:** Use the 'Image Flip Key' (often a 180° rotation icon) to rotate the image on the screen if needed.
6. **Photo Capture:** Press the 'Photo/Video button' (camera icon) once to take a still photograph.
7. **Video Recording:** Press and hold the 'Photo/Video button' to start recording video. Press again to stop recording.
8. **Reviewing Media:** Access recorded photos and videos through the menu system (usually by pressing the 'MENU' button and navigating to the gallery).

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Video: A demonstration of the 50FT Triple Lens Sewer Camera in action, showcasing its ability to navigate and capture clear footage in pipes.

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Video: Shows high-definition live footage captured by the borescope, demonstrating the clarity and detail of the image quality during an inspection.

## 7. MAINTENANCE

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- **Cleaning the Probe:** After each use, especially in dirty or wet environments, gently clean the camera lens and LED lights with a soft, damp cloth. Ensure no liquid enters the main unit.
- **Storage:** Store the borescope and all accessories in the provided carrying case in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** Recharge the device regularly, even if not in frequent use, to maintain battery health. Avoid fully discharging the battery for extended periods.

## 8. TROUBLESHOOTING

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Problem	Possible Cause	Solution
No image on screen	Probe not connected, low battery, device off	Ensure probe is securely connected, charge battery, power on device
Image is blurry/dark	Insufficient lighting, dirty lens, incorrect focal range	Adjust LED brightness, clean lens, adjust probe distance to object
Cannot record photos/videos	SD card full/missing, SD card error	Insert SD card, check available space, format SD card (backup data first)
Device not turning on	Low battery, faulty power button	Charge device for at least 2 hours, contact support if issue persists

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Video: Demonstrates the borescope's independent operation, emphasizing that no Wi-Fi or phone connection is required, simplifying troubleshooting related to connectivity.

## 9. SPECIFICATIONS

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- **Model Number:** AT036
- **Cable Length:** 50 feet (Semi-Rigid)
- **Screen Size:** 5 inches (IPS)
- **Video Capture Resolution:** 1080p
- **Macro Focus Range:** 0.8-2.4 inches (Side Cam C), 1.2-3.1 inches (Side Cam B), 1.9-4.7 inches (Front Cam A)
- **Waterproof Rating:** IP67 (Probe)
- **LED Lights:** 8+2 adjustable LEDs with 5 brightness levels
- **Storage:** 32GB TF Card (included)
- **Battery:** 2800mAh Rechargeable Battery (up to 2 hours operation)
- **Color:** Orange
- **Package Dimensions:** 9.57 x 7.83 x 4.25 inches

- **Weight:** 3.5 Pounds

## **10. WARRANTY AND SUPPORT**

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Your TURN RAISE Triple Lens Sewer Inspection Camera comes with a manufacturer's warranty. For any issues, questions, or support needs, please refer to the contact information provided in your product manual or reach out to TURN RAISE customer service. We are committed to resolving any problems as soon as possible, typically within 24 hours.