

## Crigge Magic S1

# Crigge Magic S1 Indoor Security Robot Camera User Manual

## 1. INTRODUCTION

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This manual provides essential information for the safe and effective operation of your Crigge Magic S1 Indoor Security Robot Camera. Please read this manual thoroughly before using the device and retain it for future reference.

The Crigge Magic S1 is a versatile indoor security robot camera designed for comprehensive home monitoring. It offers 360° mobile monitoring, two-way audio communication, motion detection, night vision, and automatic recharging, making it ideal for monitoring pets, elderly family members, or babies.

## 2. PRODUCT OVERVIEW

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### 2.1 What's in the Box

- Magic S1 Camera Robot
- Charging Station
- USB Charging Cable
- Power Adapter
- Instruction Manual
- Reset Pin



Image: The Crigge Magic S1 Camera Robot, its charging station, power adapter, and instruction manual as packaged.

## 2.2 Key Features

- **360° Whole-Home Mobile Monitoring:** Remotely control the wheeled robot via a phone app to patrol your entire home environment.
- **1080p Real-time Monitoring:** Delivers clear, real-time video feedback.
- **Pet Companion Robot:** Features interactive functions like games and a laser pointer to engage pets.
- **2-Way Audio:** Built-in microphone and speaker for communication.
- **Smart Operation & Status Alerts:** Equipped with motion detection and sends app notifications.
- **Auto-Recharge:** Automatically returns to its charging dock when the battery is low.
- **Enhanced Night Vision:** Provides clear black-and-white video in complete darkness.
- **Local Video Storage:** Supports continuous video recording and playback with a photo capture function.

- **Multi-Platform & Multi-Scenario Use:** Functions as a pet camera, baby monitor, and for elderly care.

### 3. SETUP

#### 3.1 Unboxing and Initial Charge

1. Carefully remove all components from the packaging.
2. Connect the charging station to the power adapter and plug it into a wall outlet.
3. Place the Magic S1 robot onto the charging station. The robot will indicate it is charging.

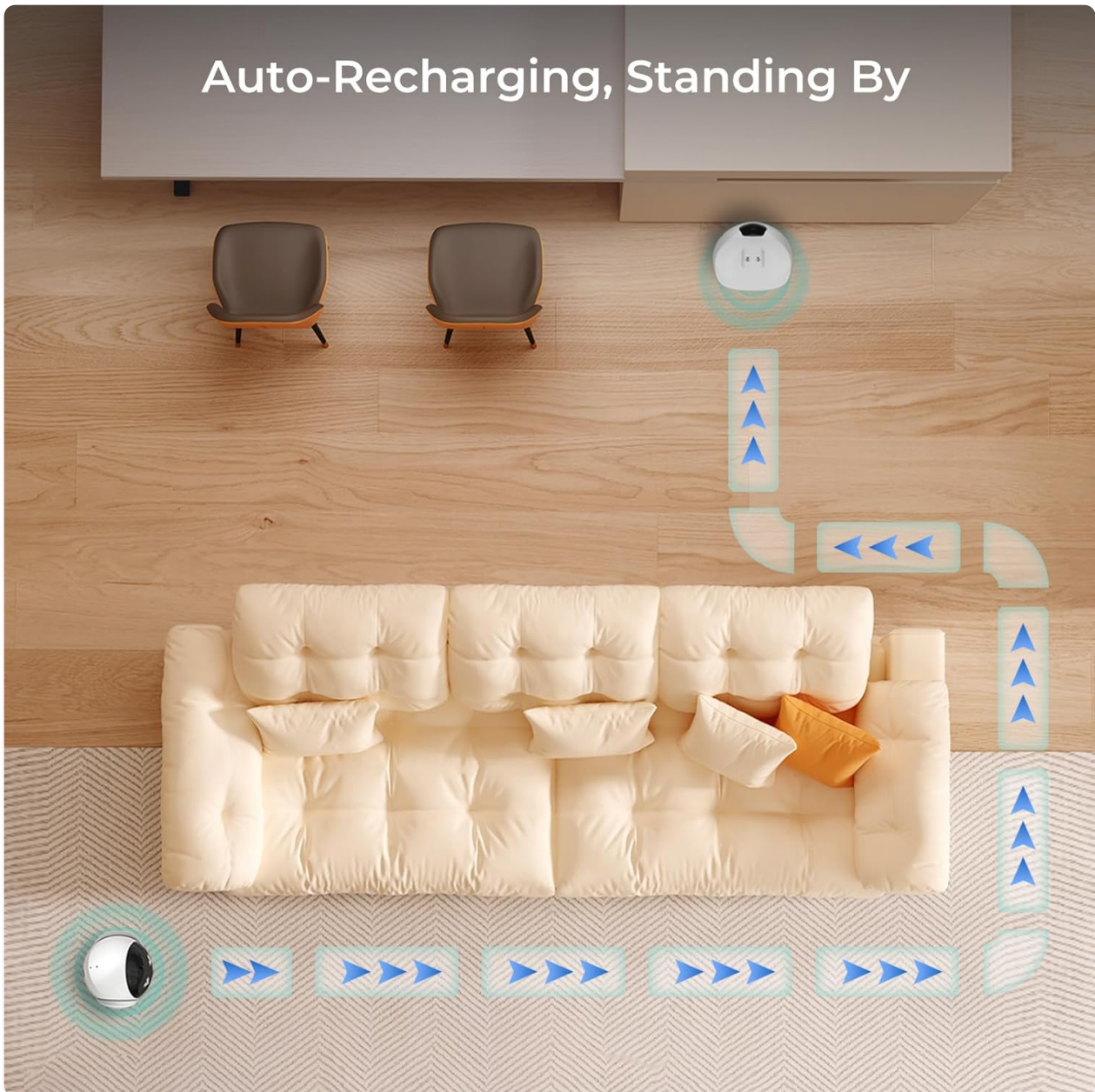


Image: The Magic S1 robot automatically navigates to its charging dock when battery is low.

#### 3.2 App Installation and Pairing

1. Scan the QR code provided in the 'Connection Operation Guide' or search for the 'Tuya Smart' app in your smartphone's app store (iOS or Android).
2. Download and install the app.
3. Create an account or log in if you already have one.
4. Ensure your phone's Wi-Fi and Bluetooth are enabled.

5. Start the Magic S1 robot by pressing the power button on its underside. The app interface will display a pop-up window to add the device.
6. Follow the on-screen instructions to connect the robot to your 2.4/5GHz Wi-Fi network.
7. Once successfully added, the device is ready for use.



Image: Remote control and two-way audio features are accessible via the smartphone app.

### 3.3 Charging Base Placement

Place the charging base against a wall on a horizontal, hard ground surface. Ensure it is free from any obstacles 0.6 meters (2 feet) on the right/left and 2 meters (6.5 feet) in front to allow the robot to easily dock for recharging. It is recommended to place the base station in a location with a strong Wi-Fi signal.



Image: Optimal placement for the auto-recharging dock, ensuring clear path for the robot.

## 4. OPERATING INSTRUCTIONS

### 4.1 Remote Control and Movement

Use the directional controls within the app to manually navigate the Magic S1 robot around your home. The robot features a wheeled design for smooth movement across various indoor surfaces, including tile, carpet, and rugs.

## Remote control via mobile app

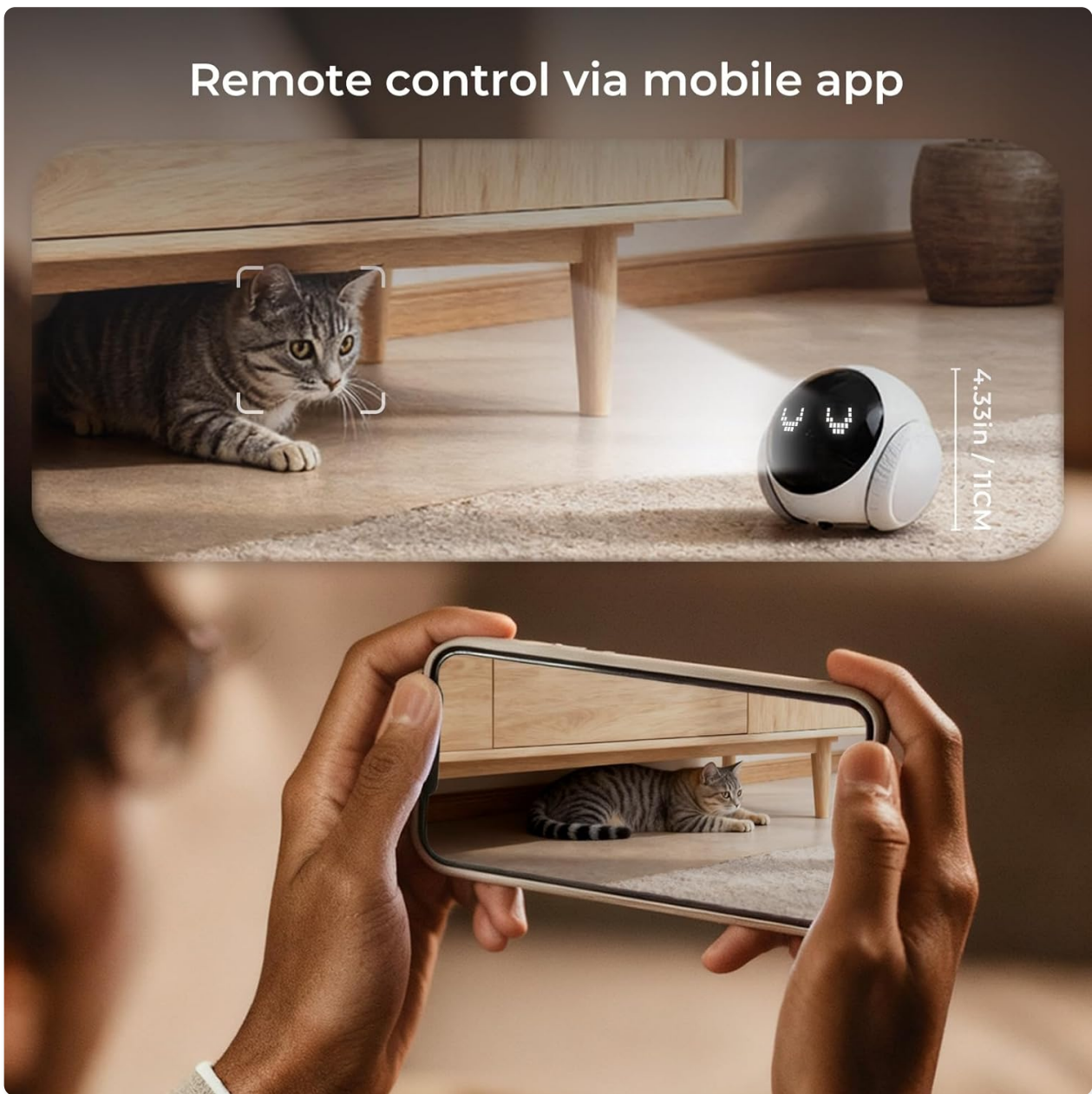


Image: Remote control of the Magic S1 via mobile app, showing the robot interacting with a cat.

### 4.2 Two-Way Audio

The built-in microphone and speaker allow for real-time two-way communication. You can speak through the app to your pets or family members, and they can respond through the robot.



Image: Two-way talk feature allows users to communicate with pets or family members remotely.

### 4.3 Motion Detection and Alerts

The Magic S1 is equipped with motion detection capabilities. When activity is detected, the robot sends app notifications to your smartphone, keeping you informed of any significant events.

**Multiple Play Modes to Entertain, Interact, and Keep Your Pet Company**

One-Click Interaction

↺
↑
↻
⌂
↻
Z
~
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Cat Toy Wand

Chase the Red Dot

Image: The app provides various alerts for detected events, ensuring you are always informed.

#### 4.4 Night Vision

The camera features enhanced night vision, providing clear black-and-white video even in complete darkness, ensuring continuous monitoring around the clock.



Image: Enhanced night vision provides clear monitoring in low-light conditions.

#### 4.5 Auto-Recharge

When the battery level is low, the Magic S1 robot will automatically return to its charging dock using smart infrared scanning sensor technology. This ensures the device is always powered and ready for its next monitoring task.

#### 4.6 Video Recording and Storage

The Magic S1 supports local storage for continuous video recording and playback. It also includes a photo capture function, allowing you to save important footage and images. A Micro SD card slot is available for expandable storage (up to 512GB).

# Every Moment, Protected and Remembered.



Never Miss a Beat, Always Feel at Ease.

Image: The app allows for reviewing recorded moments and live monitoring of pet activities.

## 4.7 Scheduled Patrol

You can set up scheduled patrol routes within the app, allowing the robot to automatically navigate predefined paths and monitor specific areas of your home at set times.

Your browser does not support the video tag.

Video: This video demonstrates the Magic S1 robot's ability to patrol the home and interact with pets, showcasing its mobility and app control features.

## 4.8 Interactive Play Modes

The Magic S1 offers multiple interactive play modes to entertain and engage your pets, including a laser pointer and various movement patterns controlled via the app.

## A Loyal Companion and Guardian.



Ideal for pet monitoring, elderly care, or baby monitoring, it is the perfect choice for smart home security.

Image: Multiple play modes are available to keep your pet company and entertained.

## 5. MAINTENANCE

To ensure optimal performance and longevity of your Crigge Magic S1, follow these maintenance guidelines:

- **Cleaning:** Gently wipe the camera lens and robot body with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- **Charging Contacts:** Periodically check the charging contacts on both the robot and the charging station for dust or debris. Clean with a dry cotton swab if necessary.
- **Software Updates:** Keep the 'Tuya Smart' app and the robot's firmware updated to the latest versions for improved features and security.
- **Storage:** When not in use for extended periods, ensure the robot is fully charged and stored in a cool, dry place.

## 6. TROUBLESHOOTING

### Q: Can the camera robot climb onto rugs or carpets?

A: The robot is designed with a low profile (height: 4.33 inches) to fit under most furniture. Its ground clearance is under 0.18 inches to properly connect to the charging dock. However, this design may limit its ability to climb onto rugs higher than 0.4 inches, especially plush or shag styles.

#### Solutions:

- Increase the robot's speed in the app to help it mount the rug edge.
- Approach the rug at an angle so one wheel climbs first, then adjust direction.

### Q: Why does the robot sometimes fail to auto-return to charge?

A: The robot uses infrared sensors to locate its charging dock. Objects, furniture, or reflective surfaces on the floor can block this signal.

#### Suggestion:

- Keep the area around the dock clear.
- For best results, manually drive the robot to within 40 inches of the dock, then press the "Auto-Recharge" button in the app. This helps ensure a clear path for reliable docking every time.

## 7. SPECIFICATIONS

Feature	Detail
Model Name	Magic S1
Brand	Crigge
Indoor/Outdoor Usage	Indoor
Connectivity Technology	Wireless (Wi-Fi 2.4/5GHz)
Power Source	Battery Powered
Video Capture Resolution	1080p
Controller Type	Android, Apple HomeKit (via App)
Mounting Type	Ground Mount
Night Vision Range	10 Meters
Item Dimensions (LxWxH)	3.93 x 3.74 x 4.33 inches
Item Weight	1.39 pounds
Flash Memory Supported Size Maximum	512 GB (Micro SD)
Alert Type	Audio and Motion
Included Components	Camera Robot, Charging Station, Instruction Manual

## 8. WARRANTY AND SUPPORT

Crigge is committed to providing excellent customer service and product reliability. Your Magic S1 Indoor Security Robot Camera comes with the following service guarantees:

- **48-Hour Response:** Customer service inquiries will receive a response within 48 hours.
- **30-Day Money-Back Replacement:** If you are not satisfied with your purchase, you may be eligible for a money-back replacement within 30 days.
- **365-Day Warranty Service:** The product is covered by a 365-day warranty against manufacturing defects.
- **Lifetime After-Sales Service:** Dedicated after-sales support is available for all customers.

For support, please refer to the contact information provided in your product packaging or visit the official Crigge website.