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## Dosilkc DS-QS23

# Dosilkc 4K Outdoor Security Camera User Manual

Model: DS-QS23

## 1. INTRODUCTION

Thank you for choosing the Dosilkc 4K Outdoor Security Camera. This manual provides detailed instructions for the installation, operation, and maintenance of your new security camera. Please read this manual thoroughly before use and retain it for future reference.



Image: The Dosilkc 4K Outdoor Security Camera, a white dome-shaped camera with two antennas, mounted on a wall bracket.

## 2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x 8MP Wifi Camera
- 1 x 12V DC Power Supply (2.5m cable)
- 1 x User Manual

- 1 x Screw Bag (for mounting)
- 1 x LAN Cable Waterproof Cover

### 3. SETUP AND INSTALLATION

#### 3.1 Physical Installation

The camera is designed for both indoor and outdoor use and supports wall mounting. Choose a location that provides optimal viewing coverage and is within reach of a power outlet.

1. Mark the drilling points on the wall using the camera's mounting bracket as a template.
2. Drill holes and insert wall anchors if necessary.
3. Secure the mounting bracket to the wall using the provided screws.
4. Attach the camera to the mounted bracket.
5. Connect the 12V DC power supply to the camera and plug it into a power outlet. Ensure the power supply is protected from direct weather if installed outdoors.

#### 3.2 Network Connection

The camera supports both 2.4G/5G Wi-Fi and wired LAN cable connections for stable video streaming.

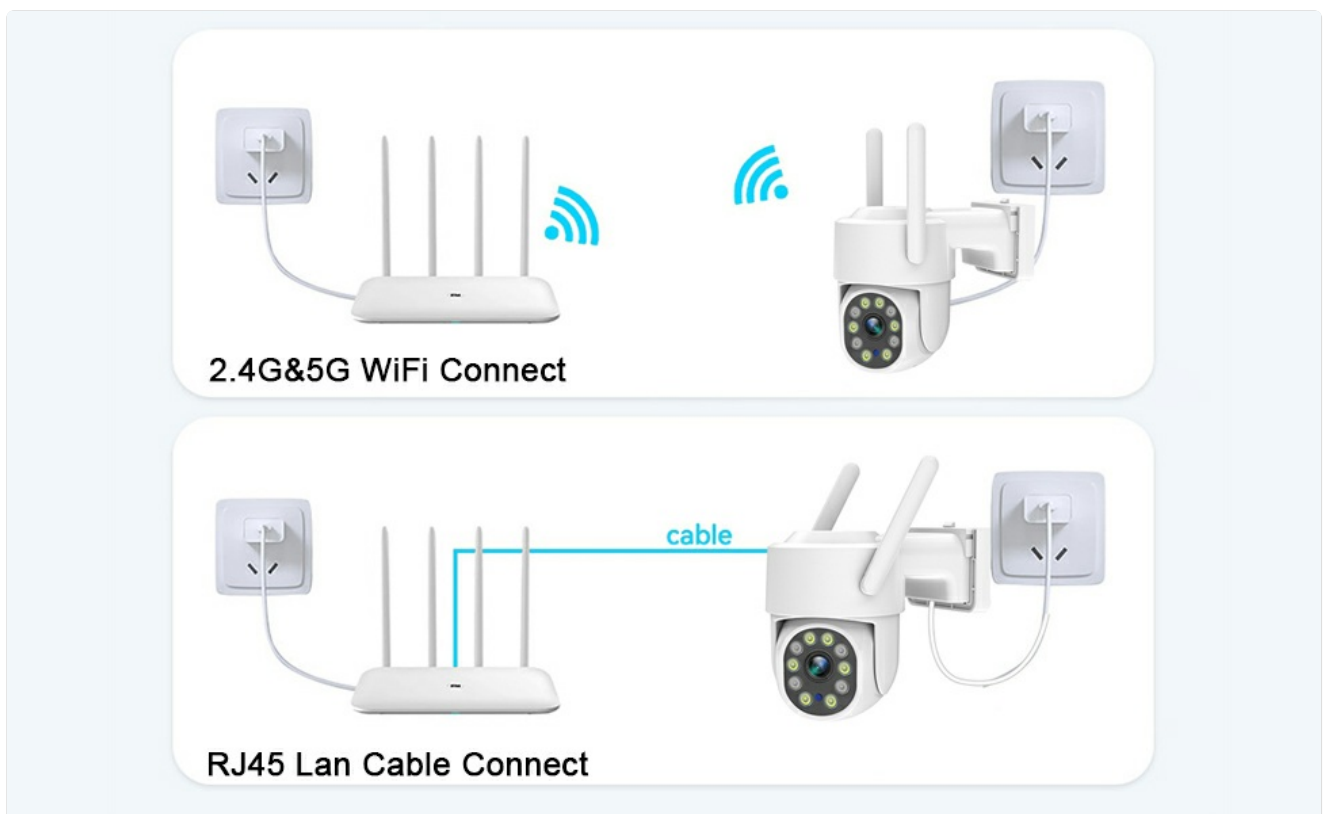


Image: Illustrations demonstrating how to connect the camera via 2.4G/5G Wi-Fi to a router and via an RJ45 LAN cable for a wired connection.

- **Wi-Fi Connection:** Download the recommended mobile application (details in the user manual) and follow the in-app instructions to connect the camera to your 2.4G or 5G Wi-Fi network.
- **Wired Connection:** Connect an Ethernet cable from your router to the camera's LAN port. Use the provided waterproof cover for outdoor installations.

### 3.3 Initial App Setup

The camera is primarily controlled via a mobile application (compatible with Android devices). Refer to the included user manual for specific app download and setup instructions.

## 4. OPERATING THE CAMERA

### 4.1 Pan, Tilt, and Digital Zoom (PTZ)

The camera offers a 360° view with 355° pan and 90° tilt capabilities, along with 4X digital zoom, allowing you to remotely adjust the viewing angle and zoom in for more detail via the mobile app.



Image: A diagram illustrating the 355° pan and 90° tilt movement of the camera lens.

### 4.2 High-Definition Imaging

The camera captures crystal-clear 4K 8MP images (3840x2160 resolution), ensuring high detail for surveillance.



Image: A side-by-side comparison showing the superior clarity and detail of 4K 8MP resolution compared to 1080P.

### 4.3 Motion Detection & Auto Tracking

Equipped with advanced motion detection, the camera alerts you instantly upon detecting movement. The human tracking feature ensures the camera follows detected individuals within its range, providing continuous monitoring.

# Motion Detection & Auto Tracking

When the 4k ptz camera detects someone enters the video area, It track the target until the target is lost

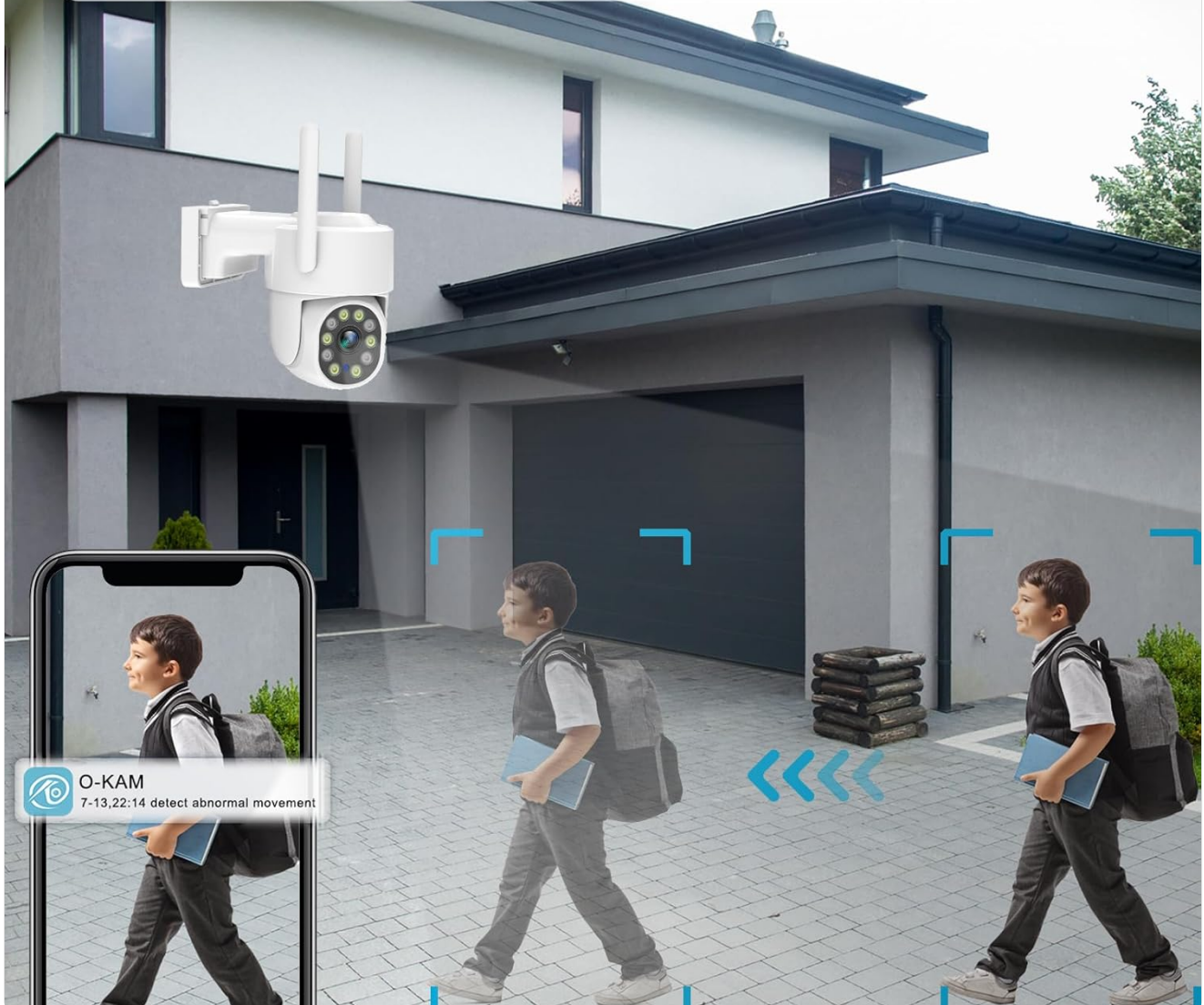


Image: A scene depicting the camera detecting and tracking a person walking, with a mobile app notification shown.

## AI Humanoid Tracking

With advanced artificial intelligence technology, cameras can intelligently track moving targets and maintain monitoring of critical areas

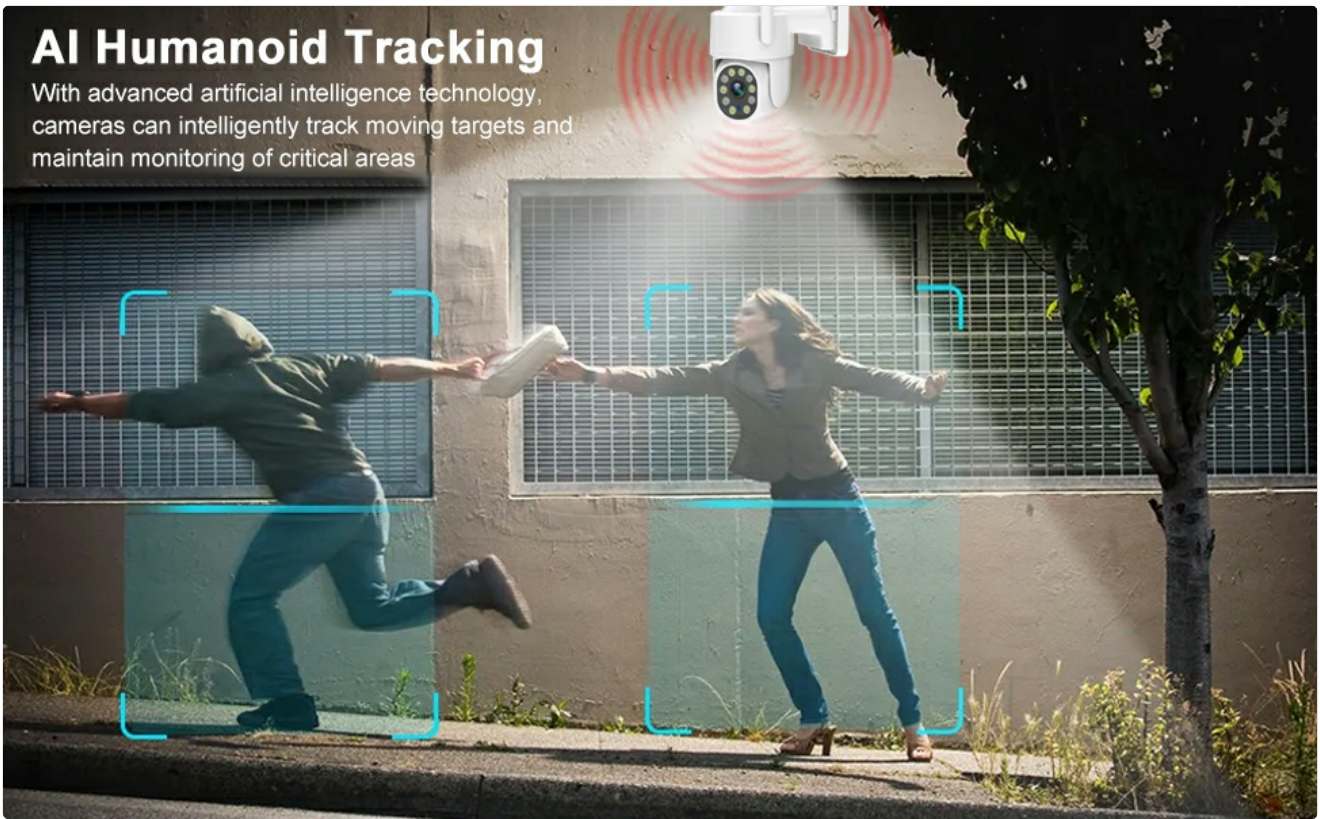


Image: An illustration showing the camera's AI Humanoid Tracking feature, highlighting how it intelligently tracks moving targets.

### 4.4 Two-Way Audio Communication

The built-in microphone and speaker allow for real-time two-way communication. You can speak to visitors or deter intruders directly through the camera via the app.

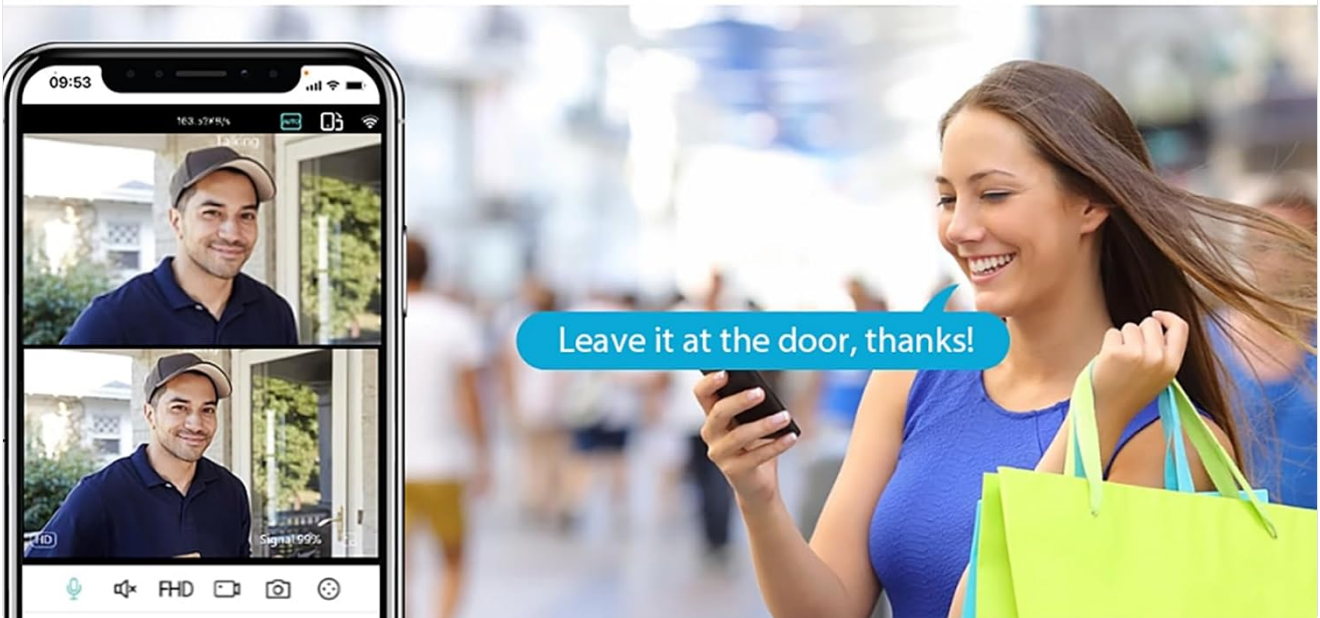


Image: A split image showing a delivery person at a door and a user interacting via the camera's two-way audio feature on a smartphone.

#### 4.5 Full Color Night Vision

Experience clear and vivid full-color night vision, even in low-light conditions, thanks to the camera's 10pcs spot white light LEDs and IR night vision capabilities. This allows for accurate identification of objects and people at night.

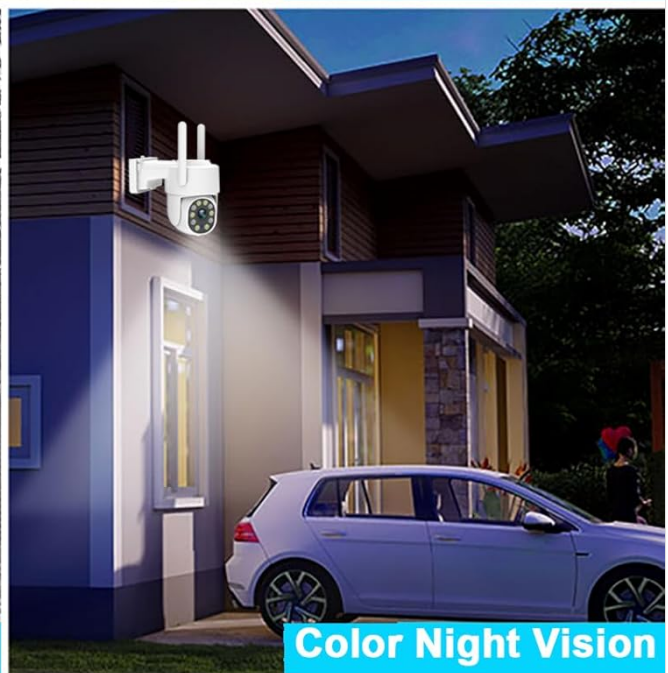
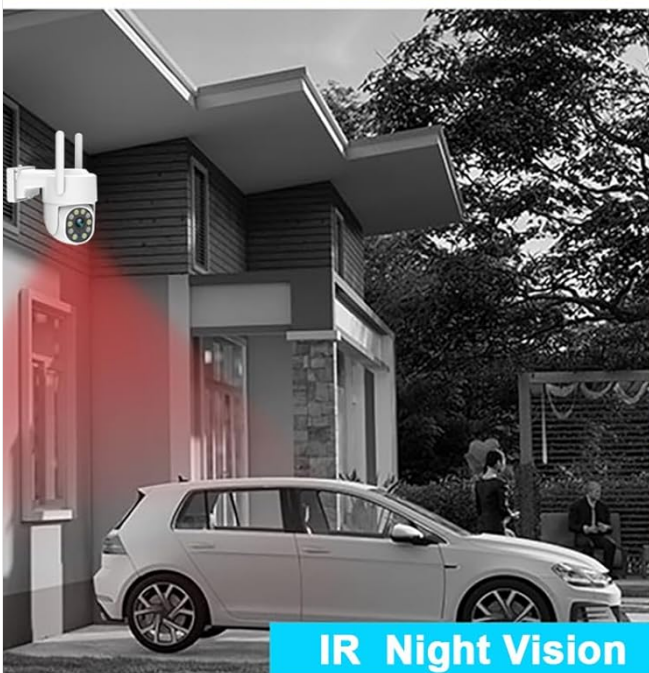


Image: A comparison of day vision, IR night vision (black and white), and full-color night vision captured by the camera.

#### 4.6 Video Recording Options

The camera supports both Micro TF Card (up to 256GB, not included) and cloud storage options for 24/7 recording. It also supports ONVIF protocol for integration with NVRs and third-party software.



**Support TF Card  
(Max256G Not Include)**

**Support Cloud Storage**

# 24/7 Recording

**Support Onvif Protocol, No Subscription Fee  
Recording On NVR&Third Part Software**

10:35:18 AM      14:09:42 PM

09:56      My family      162.40KB/s      2022-09-13

Hour      minute

Image: A visual representation of the camera supporting Micro TF card and cloud storage for continuous recording, with examples of recorded footage.

# 24/7 Recording Micro-SD& Cloud



Image: A detailed graphic showing the camera's support for up to 256GB MicroSD card and cloud storage for 24/7 recording, along with a timeline view of recorded events.

## 4.7 Pre-Position & Cruise Control

Set specific pre-defined positions for the camera to monitor. The cruise control feature allows the camera to automatically cycle through these positions, ensuring comprehensive area coverage.



Image: A diagram illustrating how the camera can be set to monitor multiple pre-defined points in an outdoor area, forming a patrol route.

## 5. MAINTENANCE

### 5.1 Weather Resistance

The camera has an IP66 waterproof rating, making it suitable for various outdoor weather conditions, including sunny, snowy, and thundery days.



Image: The camera shown with water droplets, alongside icons representing sunny, snowy, and thundery weather, indicating its IP66 waterproof rating.

### 5.2 Cleaning

To ensure optimal performance, regularly clean the camera lens and housing with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials that could damage the camera's surface or lens.

## 6. TROUBLESHOOTING

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

- **No Power:** Ensure the power adapter is securely connected to the camera and the power outlet. Verify the outlet is functional.
- **Cannot Connect to Wi-Fi:**
  - Ensure your Wi-Fi network is 2.4GHz or 5GHz and stable.
  - Check that the camera is within range of your Wi-Fi router.
  - Restart your router and the camera.
  - Verify the Wi-Fi password entered in the app is correct.
- **Frequent Motion Detection Alerts:** Adjust the motion detection sensitivity settings in the mobile app. Consider setting up specific detection zones to reduce false alarms from irrelevant areas.
- **Poor Image Quality:** Ensure the camera lens is clean. Check your network connection speed; a slow connection can affect streaming quality.
- **Recording Issues:**
  - If using a Micro TF card, ensure it is properly inserted and formatted. Check if the card is full.
  - For cloud recording, verify your subscription status and internet connection.
- **Two-Way Audio Not Working:** Check the microphone and speaker settings in the app. Ensure volume levels are adequate and there is no physical obstruction to the microphone or speaker.

For further assistance, please consult the detailed troubleshooting section within the mobile application or contact customer support.

## 7. SPECIFICATIONS

Feature	Specification
Model Name	DS-QS23
Video Capture Resolution	4K (3840x2160)
Effective Still Resolution	8 MP
Connectivity Technology	Wired, Wireless (2.4G/5G Wi-Fi)
Connectivity Protocol	ONVIF, Wi-Fi
Pan/Tilt Range	355° Pan, 90° Tilt
Digital Zoom	4X
Night Vision	Full Color Night Vision, IR Night Vision (10 IR LEDs)
Storage Options	Micro TF Card (Max 256GB, not included), Cloud Storage
Audio	Two-Way Audio
Weather Resistance	IP66 Waterproof
Power Source	Corded Electric (12V)
Dimensions (L x W x H)	5.51 x 3.54 x 7.79 inches
Item Weight	1.1 Pounds
Material	Plastic

## 8. WARRANTY AND SUPPORT

This product is manufactured by Shenzhen Xiangge Technology Co., Ltd under the Dosilkc brand. For any product-related inquiries, technical support, or warranty claims, please refer to the contact information provided with your purchase documentation or visit the official Dosilkc website.