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› youkey S320 Wire-Free MagCam Security Camera User Manual

**youkey S320**

# youkey S320 Wire-Free MagCam Security Camera User Manual

**Model:** S320

**Brand:** youkey

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## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your youkey S320 Wire-Free MagCam Security Camera. The S320 is a versatile indoor/outdoor 2K battery-powered camera featuring dual-band WiFi 6, a magnetic mount for easy placement, color night vision, and intelligent person/pet detection. Please read this manual thoroughly before using the product to ensure proper function and safety.



Image: The youkey S320 Wire-Free MagCam Security Camera, showcasing its compact design and magnetic base.

## 2. PACKAGE CONTENTS

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Verify that all items are present in your package. If any items are missing or damaged, please contact customer support.

- youkey S320 Wire-Free MagCam Security Camera
- Magnetic Mounting Base
- Screw Mounting Kit (screws and wall anchors)
- USB Charging Cable
- Quick Start Guide

## 3. PRODUCT OVERVIEW

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Familiarize yourself with the components of your S320 camera.

## Magnetic Wire Free Camera S320



Image: An overview diagram highlighting key features of the youkey S320 camera, including its lens, LED indicator, and mounting points.

### Camera Components:

- **Camera Lens:** Captures 2K QHD video.
- **LED Indicator:** Displays camera status (e.g., charging, connected, recording).
- **Microphone:** For audio input and two-way communication.
- **Speaker:** For audio output and two-way communication.
- **PIR Motion Sensor:** Detects motion for alerts and recording.
- **Charging Port:** USB port for charging the internal battery.
- **Reset Button:** Used to reset the camera to factory settings.

## 4. SETUP

### 4.1. Charging the Camera

Before initial use, fully charge the camera's built-in 6400mAh battery. Connect the USB charging cable to the camera's charging port and a standard USB power adapter (not included). The LED indicator will show charging status.

### 4.2. Downloading the App

Download the **youkey Life** app from the Apple App Store or Google Play Store. Create an account or log in if you already have one.

### 4.3. Pairing the Camera

1. Open the youkey Life app and tap the '+' icon to add a new device.
2. Follow the on-screen instructions to power on the camera and enter pairing mode.
3. The camera uses Bluetooth for initial setup and then connects to your home Wi-Fi network (2.4GHz or 5GHz Wi-Fi 6 supported).
4. Ensure your Wi-Fi network credentials are correct.

## Dual Band WiFi 6 & Bluetooth

Enjoy faster, more stable streaming with Dual Band WiFi 6, ensuring smooth, lag-free video no matter where you are. Bluetooth pairing makes setup a breeze—get connected in seconds and start monitoring instantly. Reliable security has never been this easy.

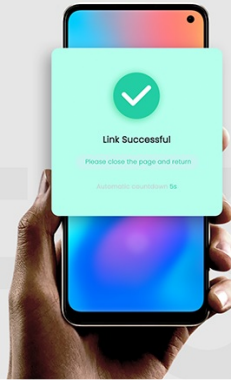


Image: A smartphone screen showing a successful link confirmation, illustrating the easy setup process with Dual Band WiFi 6 and Bluetooth.

### 4.4. Installation

The youkey S320 offers flexible installation options for both indoor and outdoor use.

#### Magnetic Mounting:

For quick and easy placement on metal surfaces, attach the camera directly to the magnetic mounting base. This allows for simple angle adjustments.

#### Screw Mounting:

For non-magnetic surfaces or more secure installation, use the provided screw mounting kit. Mark the desired location, drill pilot holes, insert wall anchors (if necessary), and secure the mounting base with screws. Then, attach the camera to the base.

## Dual Mounting Options for Easy and Versatile Installation

Enjoy a 1-minute, hassle-free setup using the magnetic mount on metal surfaces. For non-magnetic areas, switch to the included screw mount for a secure, versatile installation anywhere you need it.



Image: The magnetic mount and screw pack components for the youkey S320 camera, demonstrating versatile installation options.

#### Solar Panel Integration (Optional):

To provide continuous power and eliminate the need for manual charging, connect the youkey SP3 Solar Panel (sold separately) to the camera. Ensure the solar panel is positioned to receive at least 1 hour of direct sunlight daily for optimal performance. The SP3 solar panel is IP65 weather-resistant, suitable for outdoor conditions.

# Round the Clock Power



Image: The youkey S320 camera mounted outdoors next to a youkey SP3 solar panel, illustrating continuous power capability.

## 5. OPERATING THE CAMERA

### 5.1. Live View

Access the live video feed from your camera through the youkey Life app. This allows real-time monitoring of your property.

### 5.2. Recording & Playback

The camera automatically records events triggered by motion detection. Recordings are stored on the built-in

8GB eMMC storage or in the cloud (subscription may apply for extended cloud features). You can review recorded footage via the app.

## Built-in Storage for Performance and Reliability

Upgrade your security camera experience with built-in 8GB eMMC storage. Enjoy seamless playback, instant notifications, and reliable performance with storage that's faster, more secure, and built to last.



Image: The youkey S320 camera with an overlay indicating its 8GB eMMC built-in storage for reliable performance and seamless playback.

### 5.3. Motion Detection & Alerts

The S320 features NuraMind AI Detection for accurate person and pet detection, reducing false alarms. You can customize detection zones within the app to focus on specific areas of interest.

## NeuraMind Smart AI Detection

Reduce false alarms with on-device smart AI detection, get alert only on important events for your convenience without sacrificing data security.



Image: A child and a dog in a driveway, with icons indicating NuraMind Smart AI Detection for persons and pets.

Receive instant thumbnail notifications on your smartphone when motion is detected, allowing you to quickly assess the situation without opening the app.

## Instant Thumbnail Notification

Real-time alert with free thumbnail preview allows you to know what's happening at a glance without opening the app.

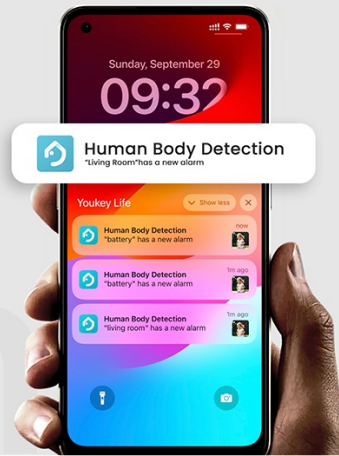


Image: A smartphone displaying multiple instant thumbnail notifications from the youkey Life app, showing detected events.

## 5.4. Two-Way Audio

Utilize the built-in microphone and speaker for clear two-way communication through the app. This allows you to speak to visitors or deter intruders remotely.

## Clear Two-way Talk

Enjoy clear 2-way communication with large speaker unit, whether you're at home or away.

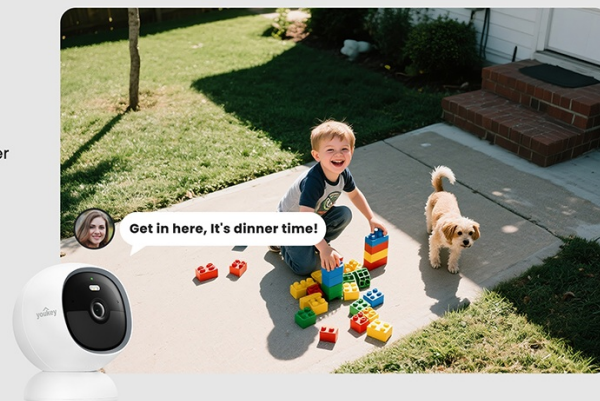


Image: A child playing outdoors, with a speech bubble indicating two-way audio communication through the camera.

## 5.5. Night Vision

The S320 provides color night vision for clear footage even in low-light conditions, enhanced by a F1.6 aperture. Built-in spotlights can activate upon motion detection to illuminate the area and deter unwanted activity.

## Color Night Vision

Get enhanced nighttime clarity with a F1.6 aperture, no worries in low-light conditions.



Image: A family enjoying an evening outdoors, viewed through a smartphone screen, demonstrating the camera's color night vision capability.

## 6. MAINTENANCE

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### 6.1. Battery Management

The 6400mAh battery provides extended operation. For continuous power, especially in outdoor installations, consider pairing with the youkey SP3 Solar Panel. Monitor battery levels through the youkey Life app.

### 6.2. Cleaning the Camera

Periodically clean the camera lens and body with a soft, dry cloth to ensure optimal image quality and prevent dust buildup. Do not use harsh chemicals or abrasive materials.

### 6.3. Firmware Updates

Ensure your camera's firmware is up to date for the best performance and security features. The youkey Life app will notify you of available updates and guide you through the process.

## 7. TROUBLESHOOTING

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If you encounter issues with your youkey S320 camera, refer to the following common solutions:

- **Camera not connecting to Wi-Fi:** Ensure your Wi-Fi network is 2.4GHz or 5GHz and within range. Check Wi-Fi password. Try resetting the camera.
- **Poor video quality:** Check your Wi-Fi signal strength. Ensure the camera lens is clean and free from obstructions.
- **Battery draining quickly:** Reduce the frequency of motion detection events or live view usage. Ensure the solar panel (if used) is receiving adequate sunlight.
- **Motion detection not working:** Verify that motion detection is enabled in the app settings. Check detection zones and sensitivity levels.
- **No audio:** Ensure microphone and speaker permissions are enabled in the app and on your smartphone. Check camera volume settings.

For further assistance, contact youkey customer support.

## 8. SPECIFICATIONS

# Ready for Any Weather



Image: A detailed infographic outlining the key specifications and features of the youkey S320 camera.

Feature	Specification
Model	S320
Resolution	2.5K QHD
Field of View (FOV)	150°
Night Vision	Color Night Vision (F1.6 aperture), Infrared Light (10m), White Light (5m)
Battery Capacity	6400mAh
Connectivity	Dual Band Wi-Fi 6 (2.4GHz & 5GHz), Bluetooth
Storage	Built-in 8GB eMMC, Cloud Storage option
Weather Resistance	IP65
Detection	NueraMind AI (Human Body, Pet Detection), Customizable Zones
Audio	Two-Way Talk
Compatibility	Works with Alexa, Works with Google Home

## 9. WARRANTY AND SUPPORT

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### 9.1. Warranty Information

Your youkey S320 Wire-Free MagCam Security Camera is covered by a limited warranty. Please refer to the official youkey website or your purchase documentation for specific warranty terms and conditions.

### 9.2. Customer Support

For technical support, troubleshooting, or warranty claims, please contact youkey customer service through the following channels:

- **Website:** Visit the official youkey website for FAQs and support resources.
- **Email:** Refer to your product packaging or the youkey website for support email addresses.
- **In-App Support:** Access support options directly within the youkey Life application.