

youkey S320

youkey S320 Magnetic Wire-Free Camera User Manual

Comprehensive guide for setup, operation, and maintenance of your youkey S320 Security Camera.

1. PRODUCT OVERVIEW

The youkey S320 is a versatile 2.5K QHD security camera designed for both indoor and outdoor use. It features a wire-free magnetic setup, dual-band WiFi 6 connectivity, and built-in 8GB eMMC storage, eliminating the need for monthly fees. Advanced AI detection for humans and pets, color night vision, and two-way audio enhance its security capabilities. The camera is powered by a 6400mAh battery and is compatible with solar panels for continuous operation.

Key Features:

- **2.5K QHD Resolution:** Provides clear and detailed video footage.
- **Wire-Free & Magnetic Setup:** Easy installation without drilling or complex wiring.
- **Dual-Band WiFi 6:** Supports both 2.4GHz and 5GHz networks for stable connectivity.
- **Built-in 8GB eMMC Storage:** Offers local storage without recurring cloud fees or SD card requirements.
- **NeuraMind On-Device Smart AI:** Differentiates between people and pets for accurate alerts.
- **Color Night Vision:** Enhanced clarity in low-light conditions with F1.6 large aperture and spotlights.
- **Two-Way Audio:** Enables real-time conversation through the camera.
- **IP65 Weather Resistant:** Suitable for outdoor use, withstanding various weather conditions.
- **6400mAh Battery:** Extended battery life, with optional solar panel compatibility.
- **Works with Alexa & Google Home:** Seamless integration with smart home ecosystems.
- **150° Wide Field of View:** Covers a broad area for comprehensive surveillance.

Package Contents:

- youkey S320 Magnetic Wire-free Indoor/Outdoor Camera
- Magnetic Base (for Metal Surface)
- Mounting Screw Kit (for Non-Metal Surface)
- Charging Cable

2. SETUP GUIDE

2.1. Unboxing and Initial Inspection

Carefully remove all components from the packaging. Inspect the camera and accessories for any signs of damage.

Ensure all listed package contents are present.



The youkey S320 camera and its magnetic base, ready for setup.

2.2. Charging the Camera

Before first use, fully charge the youkey S320 camera using the provided charging cable. The camera features a 6400mAh battery for extended operation. For continuous power, a compatible solar panel (sold separately) can be connected.

2.3. App Installation and Account Creation

Download the "Youkey Life" app from the Google Play Store or Apple App Store. Follow the on-screen instructions to create an account and log in.

2.4. Connecting to Wi-Fi

Open the Youkey Life app and select "Add Device". Follow the in-app prompts to connect your S320 camera to your home Wi-Fi network. The camera supports dual-band Wi-Fi 6 (2.4GHz/5GHz) for optimal performance. Ensure your mobile phone is close to the device during the pairing process.

Easy to Set Up



The Youkey Life app guides you through the Wi-Fi setup process.

2.5. Mounting the Camera

The youkey S320 offers flexible mounting options. For metal surfaces, simply snap the camera onto the magnetic base. For non-metal surfaces, use the provided mounting screw kit to secure the base, then attach the camera. Ensure the camera is positioned to cover the desired area, utilizing its 150° wide field of view.

Magnetic Wire Free Battery Camera

Magnetic
Mounting

Wire Free
Installation



The magnetic mounting system allows for quick and easy installation.

Two-way Audio real-time conversation

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



Two-way Talk



Clear Sound



Get in here, It's dinner time!



The IP65 rating ensures the camera is suitable for both indoor and outdoor environments.

3. OPERATING INSTRUCTIONS

3.1. Live View and Recording

Access the live feed of your camera through the Youkey Life app. You can initiate manual recordings or capture snapshots directly from the live view. The 2.5K QHD sensor ensures high-quality video capture.

2.5K QHD Resolution and Color Night

Won't miss any details



2.5K 2.5K QHD  F1.6 Aperture



Experience clear 2.5K QHD resolution and vibrant color night vision.

3.2. Two-Way Audio

Utilize the two-way audio feature to communicate with individuals near the camera. This is useful for greeting visitors or deterring unwanted guests. Simply tap the microphone icon in the app to speak.



Engage in real-time conversations using the camera's two-way audio function.

3.3. AI Detection and Notifications

The youkey S320 features NeuraMind On-Device Smart AI, capable of distinguishing between human and pet movements. This reduces false alarms and ensures you receive relevant notifications. Customize detection zones within the app to monitor specific areas.

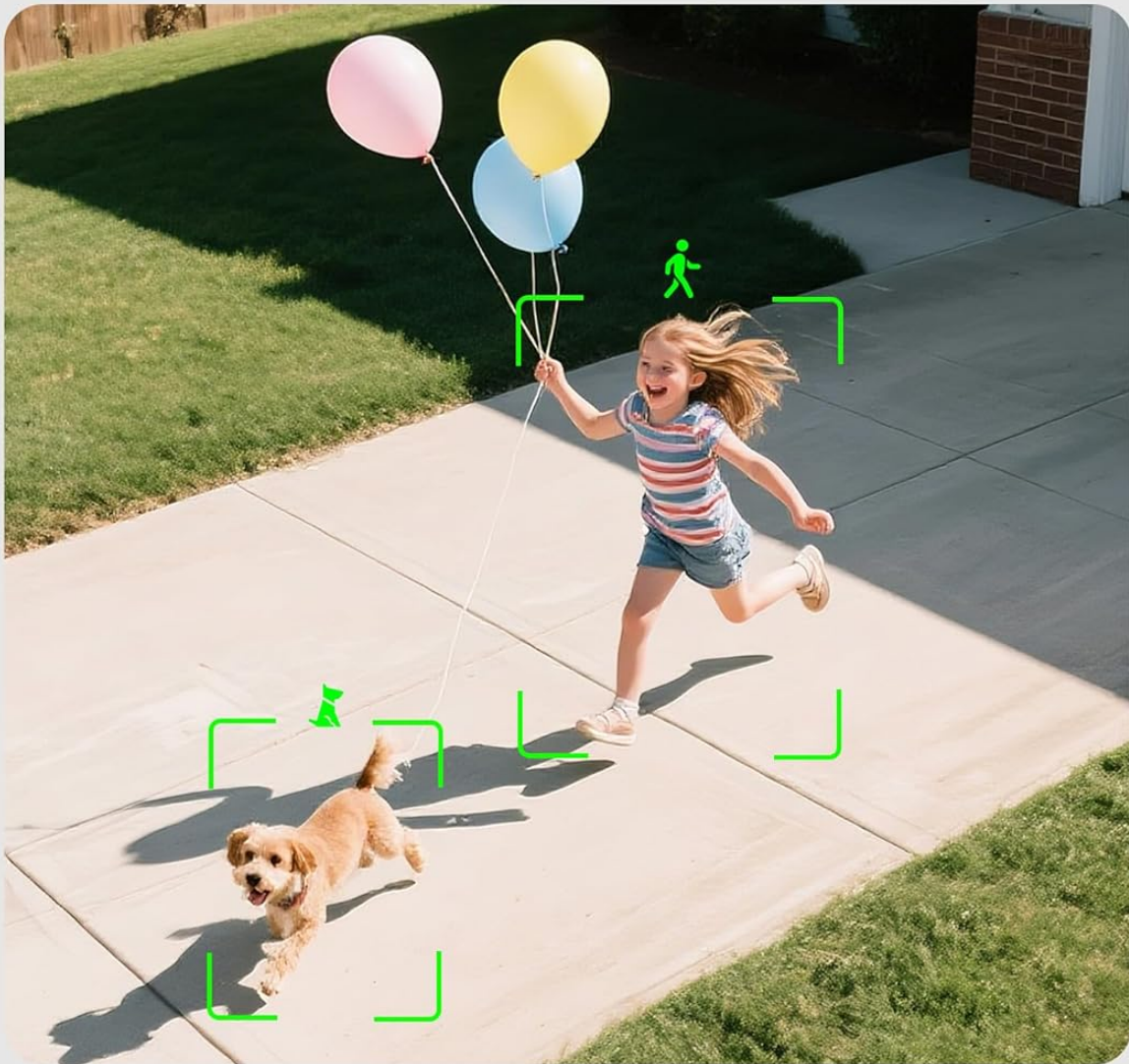
NeuraMind AI Detection People & Animals



Animals Detection



People Detection



NeuraMind AI accurately detects and differentiates between people and animals.

3.4. Smart Home Integration

The youkey S320 is compatible with Amazon Alexa and Google Home. Link your camera to these platforms to stream live feeds to compatible smart displays or use voice commands for control.

Hey Alexa, show me the backyard.



OK



Control and view your camera feed through Amazon Alexa and Google Home devices.

4. MAINTENANCE

4.1. Battery Management

The 6400mAh battery provides significant operating time. Monitor the battery level through the Youkey Life app. For continuous power without manual recharging, consider purchasing and installing a compatible youkey solar panel.

4.2. Cleaning

To maintain optimal image quality, periodically clean the camera lens and housing. Use a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the camera's finish or lens.

4.3. Firmware Updates

Ensure your camera's firmware is always up to date. The Youkey Life app will notify you of available updates. Firmware updates often include performance improvements, new features, and security enhancements.

5. TROUBLESHOOTING

Issue	Possible Cause	Solution
Camera not connecting to Wi-Fi	Incorrect Wi-Fi password, camera too far from router, 5GHz network issues.	Double-check password. Move camera closer to router. Ensure your router supports dual-band Wi-Fi 6 and try connecting to the 2.4GHz band if issues persist with 5GHz.
Poor video quality	Dirty lens, low network bandwidth, insufficient lighting.	Clean the camera lens. Check your internet speed. Ensure adequate lighting or enable color night vision.
Frequent false alarms	Sensitive detection settings, unoptimized detection zones.	Adjust AI detection sensitivity in the app. Configure custom detection zones to exclude high-traffic areas or moving objects like trees.
Battery drains quickly	Frequent recordings, extreme temperatures, weak Wi-Fi signal.	Reduce recording frequency or duration. Ensure camera is within optimal operating temperature range (-4°F to 122°F). Improve Wi-Fi signal strength. Consider adding a solar panel.

6. SPECIFICATIONS

Feature	Detail
Model Name	S320
Resolution	2.5K QHD (4MP Effective Still Resolution)
Field of View (FOV)	150 Degrees
Connectivity	Dual Band Wi-Fi 6 (2.4GHz/5GHz), Bluetooth
Storage	Built-in 8GB eMMC Storage (No SD Cards Needed)
Power Source	Battery Powered (6400 mAh), Solar Compatible (panel sold separately)
Weather Resistance	IP65 (Water Resistant)
Operating Temperature	-4°F to 122°F
Night Vision	Color Night Vision, 10 Meters Range
AI Detection	NeuraMind On-Device Smart AI (Human, Pet Detection)
Audio	Two-Way Audio

Feature	Detail
Mounting Type	Magnetic Mounting, Wall Mount
Dimensions (L x W x H)	3.54 x 3.21 x 4.15 inches
Item Weight	1.65 pounds
Compatible Devices	Smartphone, Amazon Alexa, Google Assistant

7. WARRANTY AND SUPPORT

7.1. Warranty Information

For detailed warranty information regarding your youkey S320 camera, please refer to the warranty card included in your product packaging or visit the official youkey website.

7.2. Customer Support

Should you encounter any issues or have questions about your youkey S320 camera, please contact our customer support team:

Support Email: support@youkey.com

Support Line: +1 888-550-3333

Additional resources, including the official app and video tutorials, can be found at:bit.ly/s320-res

Documents - youkey – S320



[Youkey S320 Wireless Security Camera: Safety, Compliance, and Usage Guide](#)

Official guide for the Youkey S320 Wireless Security Camera, covering safety warnings, regulatory compliance (CE, FCC, IC, WEEE, Battery), usage instructions, and support information from KeyLife International Technology Limited.

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