

ScopeAround M28

ScopeAround M28 Digital Otoscope User Manual

Model: M28

1. INTRODUCTION

Thank you for choosing the ScopeAround M28 Digital Otoscope. This device is designed to provide a clear visual inspection of the ear canal, teeth, mouth, and other small areas. It features a 3.9mm ultra-thin HD camera with LED lights and a 2.8-inch IPS LCD screen for direct viewing. This manual provides essential information for safe and effective use, setup, operation, and maintenance of your otoscope.

2. IMPORTANT SAFETY INFORMATION

WARNING: Read all safety warnings and instructions before use. Failure to follow warnings and instructions may result in electrical shock, fire, and/or serious injury. Save all warnings and instructions for future reference.

- This device is intended for personal visual inspection and earwax removal. Consult a medical professional for diagnosis or treatment of ear conditions.
- Do not insert the otoscope too deeply into the ear canal. Use the included speculums to prevent excessive insertion and avoid injury.
- Always clean the camera lens and accessories with alcohol prep pads before and after each use to maintain hygiene and prevent cross-contamination.
- Keep the device out of reach of children. Adult supervision is required when used by children.
- Do not use the device if it is damaged or malfunctioning.
- Avoid exposing the device to extreme temperatures or direct sunlight.
- Ensure the device is fully charged before use for optimal performance.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Otoscope Device (Main unit with 2.8" IPS LCD screen)
- Camera Cable with 3.9mm Ultra-Thin HD Camera Lens

- Ear Spoon attachment
- Specula (3 pieces)
- USB Type-C Charging Cable
- Magnetic Stand
- Q-tip Pack
- Alcohol Prep Pads
- User Manual
- Safety Warnings Card



Figure 3.1: All components included in the ScopeAround M28 Digital Otoscope package. This includes the main otoscope device, camera cable, ear spoon, speculums, charging cable, magnetic stand, Q-tips, alcohol pads, and documentation.

4. PRODUCT OVERVIEW

The ScopeAround M28 Digital Otoscope is a compact and user-friendly device designed for visual inspection. Key features include:

- **3.9mm Ultra-Thin Camera Lens:** Allows easy entry into narrow ear canals.
- **720P HD Camera with 6 LED Lights:** Provides clear, bright images and videos of the inspection area.
- **2.8" IPS LCD Screen:** Offers direct, real-time viewing without external apps or devices.
- **Plug & Play Design:** Simple operation, no Wi-Fi or app required.
- **Magnetic Stand:** Enables hands-free operation for convenience.
- **1200mAh Rechargeable Battery:** Provides 2-3 hours of continuous use.
- **Fixed Focal Length:** Optimized for sharp images at 0.4 to 0.8 inches.



Figure 4.1: The ScopeAround M28 Digital Otoscope, showcasing the main display unit, the camera probe, and various attachments. The device is designed for ease of use and direct visual feedback.

I Lightweight & Ultra Portable

Small enough to fit in your pocket,
easy to carry with lanyard

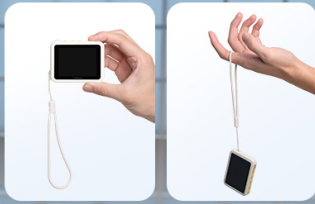


Figure 4.2: An exploded view diagram highlighting the 3.9mm ultra-fine diameter HD camera lens and its integrated LED lights, designed for clear observation in confined spaces.

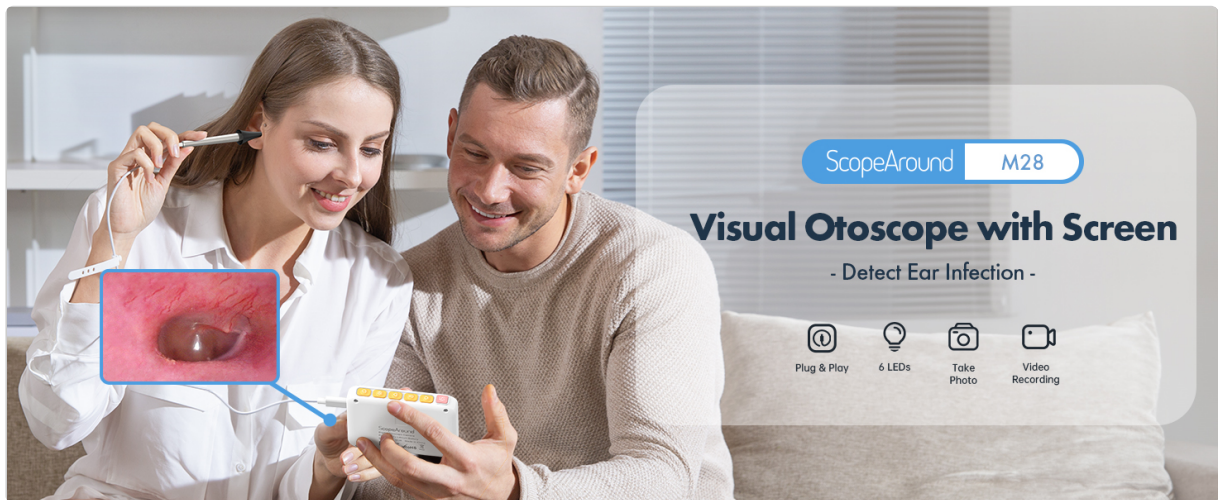


Figure 4.3: Illustration demonstrating the fixed focal length of the camera, providing optimal focus for sharp images within a range of 0.4 to 0.8 inches from the lens.

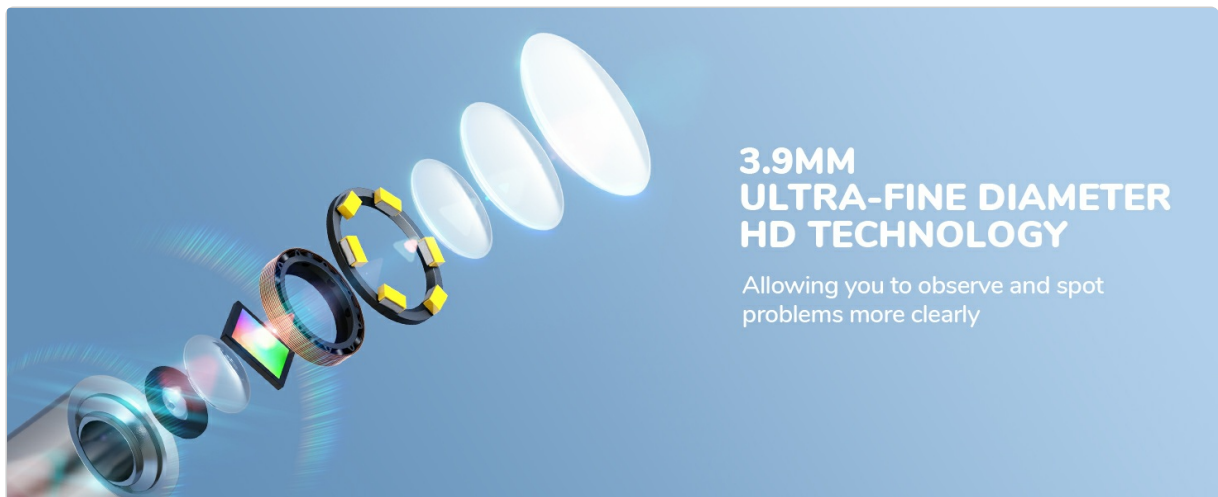


Figure 4.4: The otoscope camera's integrated LED lights are designed to illuminate dark ear canals, enhancing visibility and clarity during inspection.

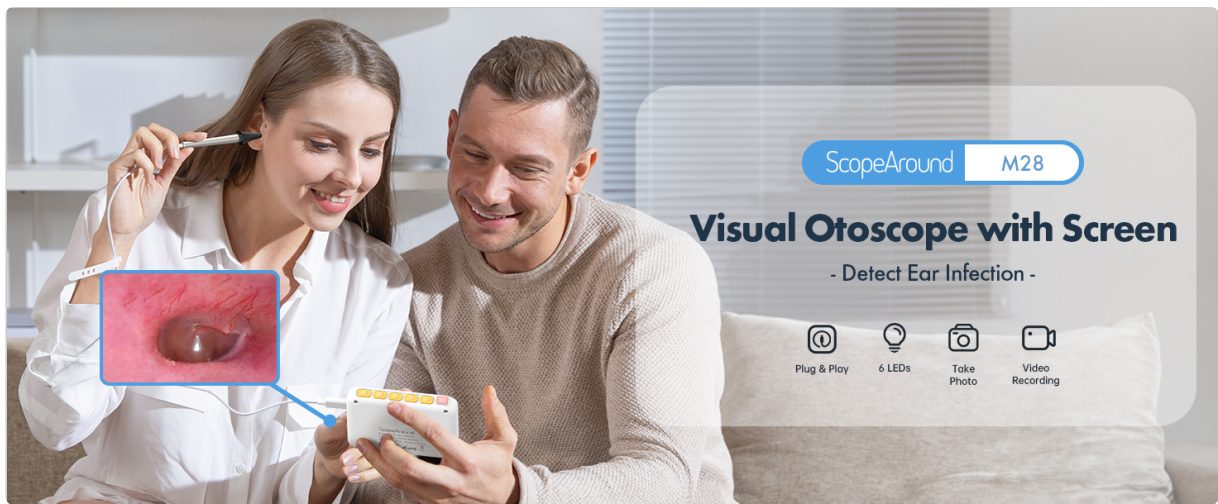


Figure 4.5: The otoscope features temperature control to ensure comfortable use. The otoscope tip maintains a temperature of approximately 77°F, while the handle is around 96.8°F.

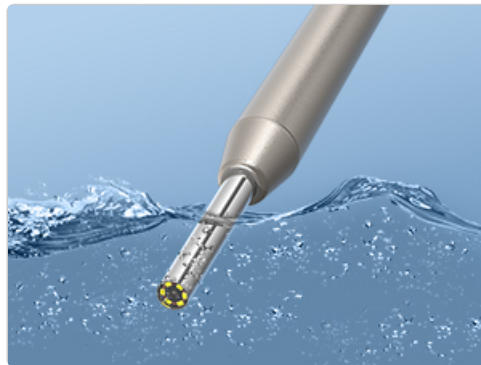


Figure 4.6: A protective speculum attached to the otoscope tip, designed to prevent over-insertion and ensure safe use during ear inspections.

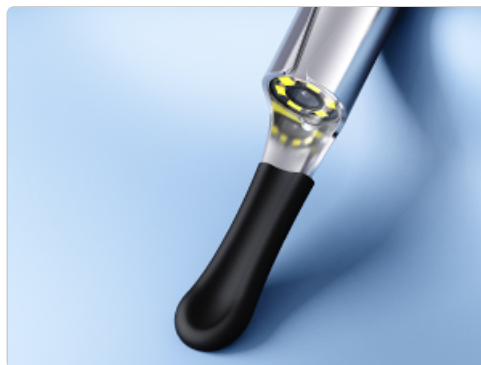


Figure 4.7: The otoscope tip is designed to be waterproof, allowing for easy cleaning and maintenance after use.

5. SETUP INSTRUCTIONS

Follow these steps to set up your ScopeAround M28 Digital Otoscope:

1. **Charge the Device:** Before first use, fully charge the otoscope device using the provided USB Type-C charging cable. Connect the cable to the charging port on the device and a compatible USB power source. The battery indicator on the screen will show charging status.
2. **Attach Camera Probe:** Plug the camera probe cable into the designated port on the otoscope device.
3. **Select and Attach Accessory:** Depending on your intended use, attach either an ear spoon or a speculum to the tip of the camera probe. Ensure it is securely fitted.
4. **Power On:** Long press the power button (usually located on the top right) to turn on the device. The

screen will display the ScopeAround logo and then the live camera feed.

5. **Attach Magnetic Stand (Optional):** For hands-free viewing, attach the magnetic stand to the back of the main unit. It can be positioned to prop up the screen at a comfortable viewing angle.

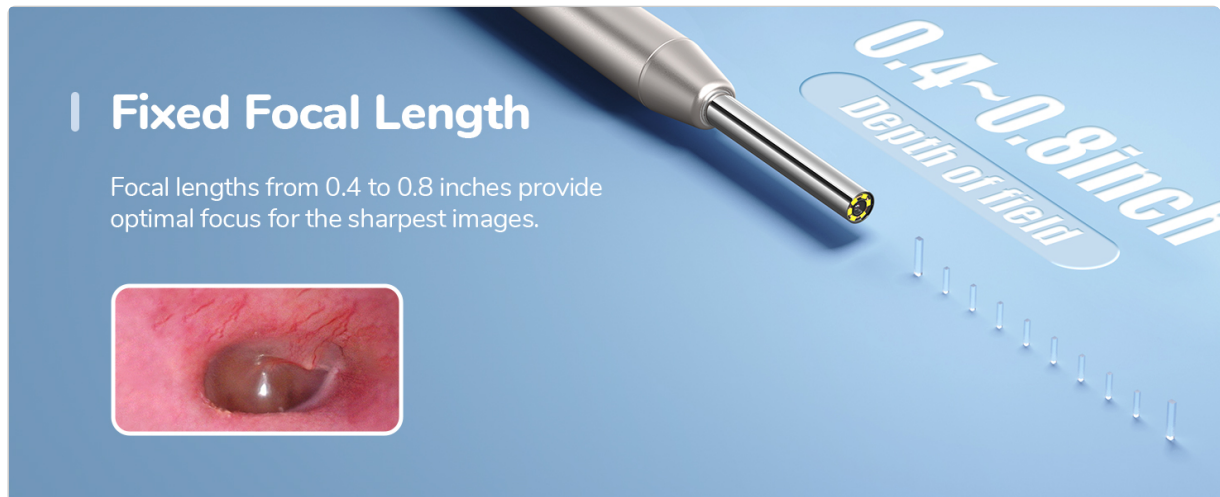


Figure 5.1: Visual steps for setting up the otoscope, including connecting the camera probe, attaching an ear speculum or spoon, and powering on the device.



Figure 5.2: The magnetic stand attaches to the back of the otoscope device, allowing it to stand independently for convenient hands-free viewing during use.

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Video 5.1: An official product video demonstrating the unboxing and initial setup of the ScopeAround M28 Digital Otoscope, including connecting the camera and powering on the device.

6. OPERATING INSTRUCTIONS

Once the device is set up, you can begin your inspection:

- **Live View:** The 2.8" IPS LCD screen will display a real-time view from the camera.
- **Taking Photos:** Press the Photo/Video button (usually the leftmost button with a camera icon) to capture a still image.
- **Recording Videos:** Hold down the Photo/Video button to start recording a video. Press it again to stop recording.
- **Zoom Function:** Use the Left/Zoom buttons to adjust the magnification of the image on the screen (up to 1.5X zoom).
- **Image Rotation:** Use the Right/Image Rotate buttons to rotate the image 180 degrees for better viewing angles.
- **Accessing Settings:** Press the Setting button to enter the device menu. Here you can adjust resolution, language, date/time, and other parameters.
- **Reviewing Media:** Navigate to the Playback option in the settings menu to view captured photos and videos.
- **Transferring Files:** Connect the device to a computer using the USB Type-C cable to transfer captured images and videos.

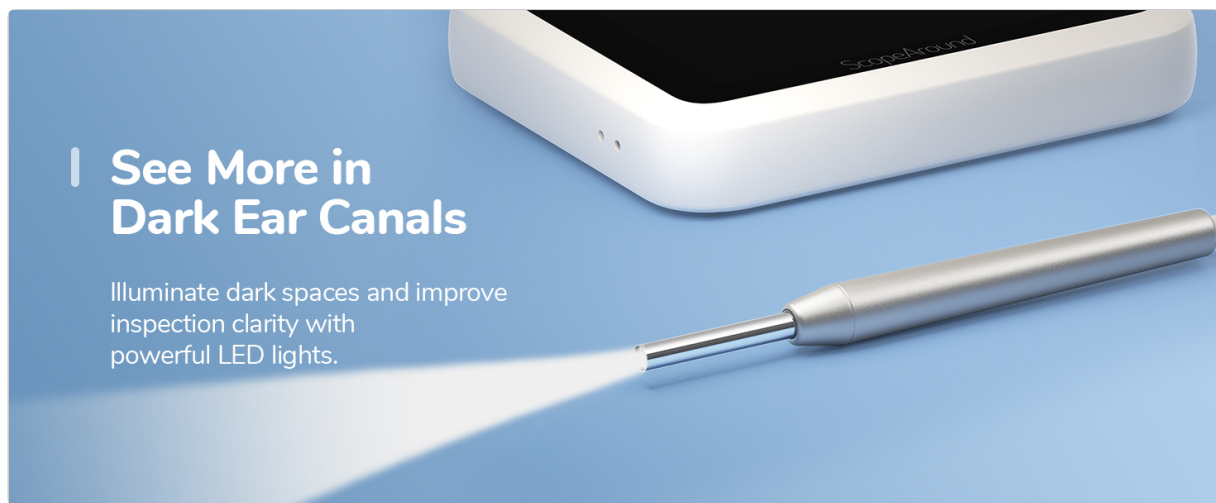


Figure 6.1: An overview of the otoscope device's buttons and ports, including Photo/Video, Zoom, OK, Image Rotate, Setting, Power, Camera Probe/Charging Port, Microphone, Magnetic Stand, and Reset.

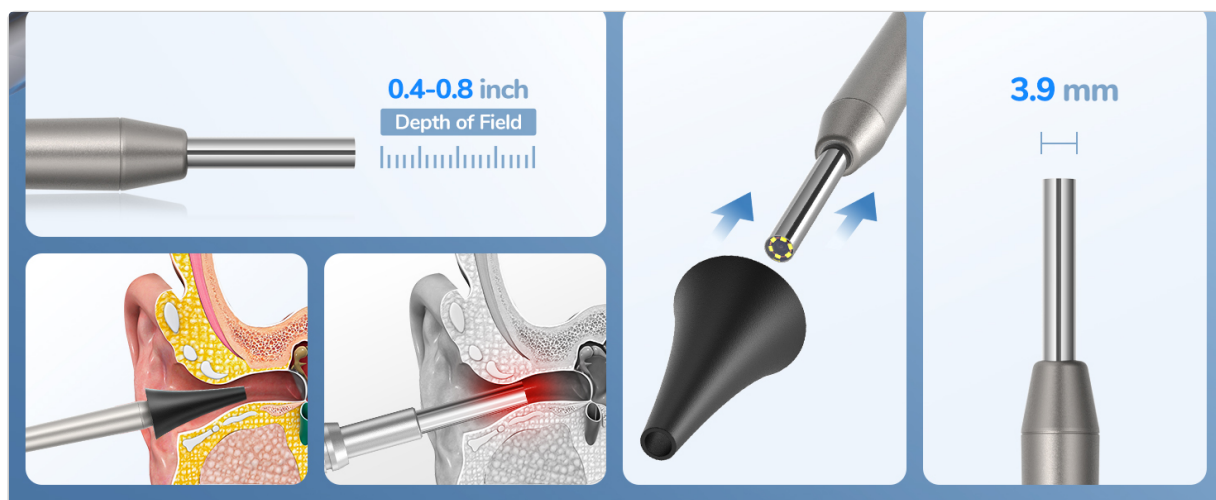


Figure 6.2: Visual examples of the otoscope's advanced features, including 1.5X digital zoom for detailed viewing, 180-degree image rotation for optimal orientation, and the ability to transfer files to a PC for storage or sharing.

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Video 6.1: An official product video showcasing the ScopeAround M28 Digital Otoscope in use, demonstrating its plug-and-play functionality and clear visual output on the integrated screen.

7. MAINTENANCE AND CARE

Proper maintenance ensures the longevity and hygiene of your otoscope:

- **Cleaning the Lens:** Use the provided alcohol prep pads or Q-tips to gently clean the camera lens before and after each use. Ensure no residue remains.
- **Cleaning Accessories:** The ear spoon and speculums should also be cleaned with alcohol prep pads after each use.
- **Storage:** Store the device and its accessories in a clean, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** Charge the device regularly, even if not in frequent use, to maintain battery health. Avoid fully depleting the battery for extended periods.



Figure 7.1: Instructions for cleaning the otoscope lens using an alcohol wipe and a Q-tip to ensure clear images and proper hygiene.

8. TROUBLESHOOTING

If you encounter issues with your ScopeAround M28 Digital Otoscope, try the following:

- **No Power:** Ensure the device is fully charged. Connect it to a power source and wait a few minutes before attempting to power on again.
- **No Image on Screen:** Verify that the camera probe is securely plugged into the device. If the issue persists, try unplugging and re-plugging the camera probe.
- **Blurry Image:** Ensure the camera lens is clean. The device has a fixed focal length, so adjust the distance between the camera tip and the object for optimal clarity (0.4-0.8 inches).
- **Device Unresponsive:** Use a thin pin to press the reset button (located near the charging port) to restart the device.
- **Cannot Transfer Files:** Ensure the device is properly connected to your computer via the USB Type-C cable. Check your computer's file explorer for the device.

9. SPECIFICATIONS

Feature	Specification
Product Dimensions	3.94 x 3.94 x 3.94 inches
Item Weight	8.8 ounces
Camera Lens Diameter	3.9mm
Display Screen	2.8" IPS LCD
Video Resolution	1280 x 720 pixels (720P HD)
Battery Capacity	1200mAh Lithium Polymer
Working Time	2-3 hours (continuous usage)
Storage	Internal (8GB, not expandable)
Connectivity	USB Type-C (for charging and data transfer)

10. WARRANTY AND SUPPORT


ScopeAround is committed to customer satisfaction. This product comes with a standard warranty as per the retailer's policy. For any questions, technical support, or warranty claims, please contact our US-based after-sales support team. Contact information can typically be found on our official website or through your purchase platform.

We are dedicated to providing high-quality technology and support for your health and wellness needs.

Related Documents - M28

ScopeAround

User Manual
WiFi Otoscope Camera



<https://scopearound.com/>

General Information

⚠ This operation manual allows you to work safely with the otoscope camera. Please keep this manual for your information. Liability is void for any damage caused by not following this manual.

Maintenance

☞ To clean this device, use a damp cloth or mild, water-based cleanser. Do not use alcohol. Fully charge the battery before you use the device. Use for long time to prevent damage to the battery.

Storage and transport

① Improper transport can harm the device. Always transport this device in the provided box in order to prevent damage.

Information on disposal

☞ Electronic equipment does not belong into domestic waste, but must be disposed in accordance with the applicable statutory provisions.

-- 01 --

Description

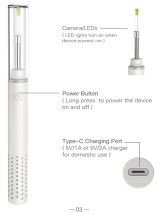
This otoscope camera is a portable, handheld video camera with short focal length. It's compatible with iPhone, iPad, Android devices and Tablet. The high-resolution camera provides great video quality. There are 6 LED lights on the tip of the camera which makes the light path and increase the visual field of view.

Safety

- Select a speculum, then put it onto the head of the camera. Please attach a speculum to prevent the probe from hurting when you use this otoscope to check your ears.
- Clean the surface of the device with 75% alcohol solution before contacting with the skin. Disinfect the adapters with saturated steam for 10 minutes at 273°F.
- This appliance is not intended for use by persons with limited physical, sensory or mental capabilities.
- Keep bystanders, children away while operating the tool.

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Product Description



Camera/LEDs

LED lights turn on when device power on

Power Button

Long press to power the device on and off

Type-C Charging Port

500mA or 800mA charger for domestic use




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Operation procedure

① Search for "TK WiFi Otoscope" APP Store or Google Play Store, download and install the app. Or scan QR code Download APP.

② Select the speculum or ear-pick to install as needed.

③ Long press the power button to turn on the device.



Indicator lights


Green light: device power on

Red light: device power off

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④ Enter the wifi setting menu of the phone to find and connect with the wifi named "ScopeAround".

⑤ Open the app once the wifi is connected. Observe the condition within the ear through the otoscope and APP in a real-time manner.

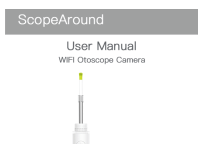
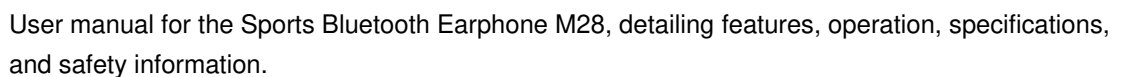
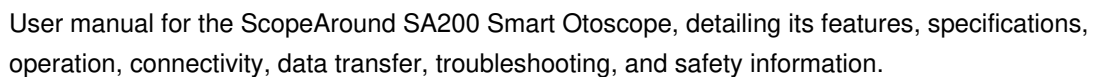
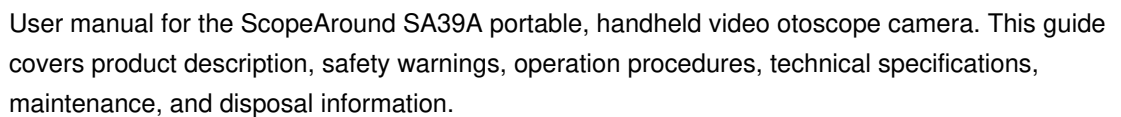


Take Photo

Record Video

[ScopeAround WiFi Otoscope Camera User Manual](#)

User manual for the ScopeAround WiFi Otoscope Camera, detailing its features, operation, safety precautions, and maintenance. Compatible with iPhone, iPad, and Android devices.





<https://scopearound.com/>

General Information

⚠ This operation manual allows you to work safely with the otoscope camera. Please keep this manual for your information. Liability is not for any damage caused by not following the manual.

Maintenance

- 🧼 To clean this device, use a damp cloth or mild, water-based cleanser.
- 🔋 Fully charge the battery before you leave the device idle for long time to prevent damage to the battery.

Storage and transport

- 📦 Interceptor transport can harm the device.
- 📦 Always transport this device in the provided box in order to prevent damage.

Information on disposal

- ♻️ Electronic equipment does not belong into domestic waste, but must be disposed in accordance with the applicable statutory provisions.

-- 01 --

Description

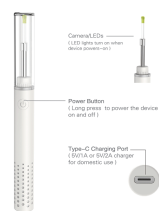
This otoscope camera is a portable, handheld video camera with short focal length. It's compatible with iPhone, iPad, Android devices and Tablet. The resolution camera provides great video quality, there are 8 LED lights on the tip of the camera which makes the light path and increase the visual field of view.

Safety

- Select a spectrum, then put it into the head of the camera. Please attach a spectrum to prevent the probe from hurting when you use this otoscope to check your ears.
- Clean the surface of the device with 75% alcohol solution before contacting with the skin. Contact the otoscope with dermatis lesion for 10 minutes at 27.5°C.
- This appliance is not intended for use by persons with limited physical, sensory or mental capabilities.
- Keep bystanders, children away while operating the tool.

-- 02 --

Product Description



-- 03 --

Operation procedure

- Search for "9K WiFi APP" from Google Play Store, download and install the app. Or Scan QR code (Download APP).
- Select the spectrum or ear-pick to install as needed.
- Long press the power button to power on the device.

-- 04 --

- Enter the wifi setting menu of the phone to find and connect with the wifi named Smart Otoscope.
- Open the app once the wifi is connected. Observe the condition within the ear through the otoscope and APP in a real-time manner.

-- 05 --

Technical Data

Description	Data
Network Standard	IEEE802.11n/gn
Antenna	Built-in IPX2 antenna
Operating Frequency	2.4GHz
Data Rate	802.11n/High up to 150Mbps
Camera Diameter	3.8mm
Viewing angle	70°
Depth of Field	10-35mm
Camera Light Source	8 LEDs
Power Input	5V/1A
Battery Type	350mAh Lithium battery
Battery Life	1.5h-2hours
Certification	CE FCC RoHS

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Notice

- **Warning!** This product cannot be used for the diagnosis and treatment of any patient unless specially specified by a physician.
- If the image is frozen, please REBOOT and RESTART the App.
- If you cannot turn on the scope, or it turns off after a few minutes of working, it can be the sign of low battery. Please make sure the battery is fully charged.
- In order to keep the image quality clear enough and maintain the optimal result & personal hygiene, please follow up these steps:
 - Please use the provided cleaning cloth to sanitize the tip of the camera before and after EACH use. This can prevent ear wax to stick on the tip of the camera and cause blurry images.
 - Please keep a focal length of about 1 inch to achieve the best quality image through the scope too far from your focal point may result in blurry images.
 - The ear canal is not perfectly straight, gently adjust the position of the otoscope to view your ear drum clearly.



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Power Safety

- When connecting your equipment to a power source:
- Check the voltage rating before you connect this equipment to an electrical outlet.
 - Use only branded AC adapter approved for use with this device.
 - Place the AC adapter and the this equipment in a ventilated area, such as desk top or on the floor, when you use it to charge the battery.
 - The AC adapter and this equipment may become hot during charge operation.

ScopeAround WiFi Otoscope Camera User Manual

User manual for the ScopeAround WiFi Otoscope Camera, detailing its features, operation, safety precautions, and maintenance. Compatible with iPhone, iPad, and Android devices.

<div data-bbox="199 165 225 179"><p>-- 58 --</p></div> <div data-bbox="204 212 220 232"></div> <div data-bbox="154 232 272 262"><p>Customer Service Please contact us if you have any questions. We love to hear from you!</p></div> <div data-bbox="167 275 258 318"><p>https://scopearound.com (+1) 877-886-7979 usa2@windyburg.com</p></div> <div data-bbox="178 407 245 439"><p>CE FCC RoHS © SA39A 202008 V1.0 MADE IN CHINA</p></div>	
<div data-bbox="132 582 295 663"></div>	<div data-bbox="341 555 933 584"><p>ScopeAround SA39A Digital Otoscope User Manual</p></div> <div data-bbox="341 595 1445 705"><p>User manual for the ScopeAround SA39A portable, handheld video otoscope camera. This guide covers product description, safety warnings, operation procedures, technical specifications, maintenance, and disposal information.</p></div>