ANRAN S02

ANRAN S02 Outdoor Security Camera User Manual

Model: S02

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your ANRAN S02 Outdoor Security Camera. Please read this manual carefully before using the product to ensure proper functionality and safety.

The ANRAN S02 is a 2K wireless outdoor security camera featuring a built-in high-capacity battery and a 3W solar panel for continuous power. It offers a 180° horizontal rotation for a 270° wide field of view, PIR human motion detection, two-way audio, and clear night vision up to 20 meters. Its IP65 weatherproof design ensures reliable performance in various outdoor conditions.

PACKAGE CONTENTS

Before you begin, please verify that all components are present in your package:

What's in the Box?

Image: The image displays the ANRAN S02 camera, a solar panel, a wall mount, a USB charging cable, mounting screws, wall anchors, and a quick start guide, illustrating all items included in the product box.

- ANRAN S02 Security Camera
- Solar Panel (3W)
- Mounting Bracket and Screws
- USB Charging Cable
- User Manual (this document)

1. Initial Charging

The camera comes with a built-in high-capacity battery. For optimal performance, fully charge the camera using the provided USB cable before the first use. The solar panel will then provide continuous power, reducing the need for frequent manual recharging.

2. App Installation and Account Setup

Download the official ANRAN app (or CloudEdge app, as supported) from your device's app store. Create an account and follow the in-app instructions to add your camera. Ensure your mobile device is connected to a 2.4 GHz Wi-Fi network during setup (5 GHz Wi-Fi is not supported).

3. Mounting the Camera

Select a suitable outdoor location for installation, ensuring good Wi-Fi signal strength and optimal sunlight exposure for the solar panel. Use the provided mounting bracket and screws to securely attach the camera to a wall or other stable surface. Position the solar panel to receive maximum direct sunlight throughout the day.

Image: A detailed view of the ANRAN S02 outdoor security camera, showing its main unit with two antennas and a separate solar panel, both mounted on a white surface, ready for outdoor surveillance.

OPERATING INSTRUCTIONS

1. Live View and Pan Rotation

Access the live feed of your camera through the ANRAN app. The camera supports 180° horizontal rotation, allowing you to adjust the viewing angle to cover a 270° super wide field of view. Use the controls within the app to pan the camera as needed.

Image: This image illustrates the ANRAN S02 camera's 180° pan rotation capability, which expands its coverage to a 270° super wide field of view, depicted with a panoramic scene of a residential neighborhood.

2. Smart PIR Human Detection

The camera utilizes PIR (Passive Infrared) motion sensor technology to detect human thermal signatures, minimizing false alarms from pets or inanimate objects. When human motion is detected, the camera will send an immediate alert to your app and record the event. You can adjust sensitivity and customize alarm zones in the app.

Image: An illustration demonstrating the camera's Smart PIR Human Detection feature, showing that it will not trigger an alarm for a dog but will detect and alert for a human presence.

3. Night Vision

The ANRAN S02 camera provides clear 2K HD video quality even in complete darkness, with a night vision range of up to 20 meters (65 feet). This ensures continuous monitoring and security around the clock.

Image: This image demonstrates the ANRAN S02 camera's night vision capabilities, providing a clear, full HD 1536P view of a house and its surroundings in complete darkness, with a stated range of 65 feet.

4. Two-Way Audio and Multi-User Sharing

Communicate with visitors or deter unwanted guests using the built-in microphone and speaker for two-way audio. The app also allows you to share camera access with up to 8 family members simultaneously, enabling collaborative monitoring of your property.
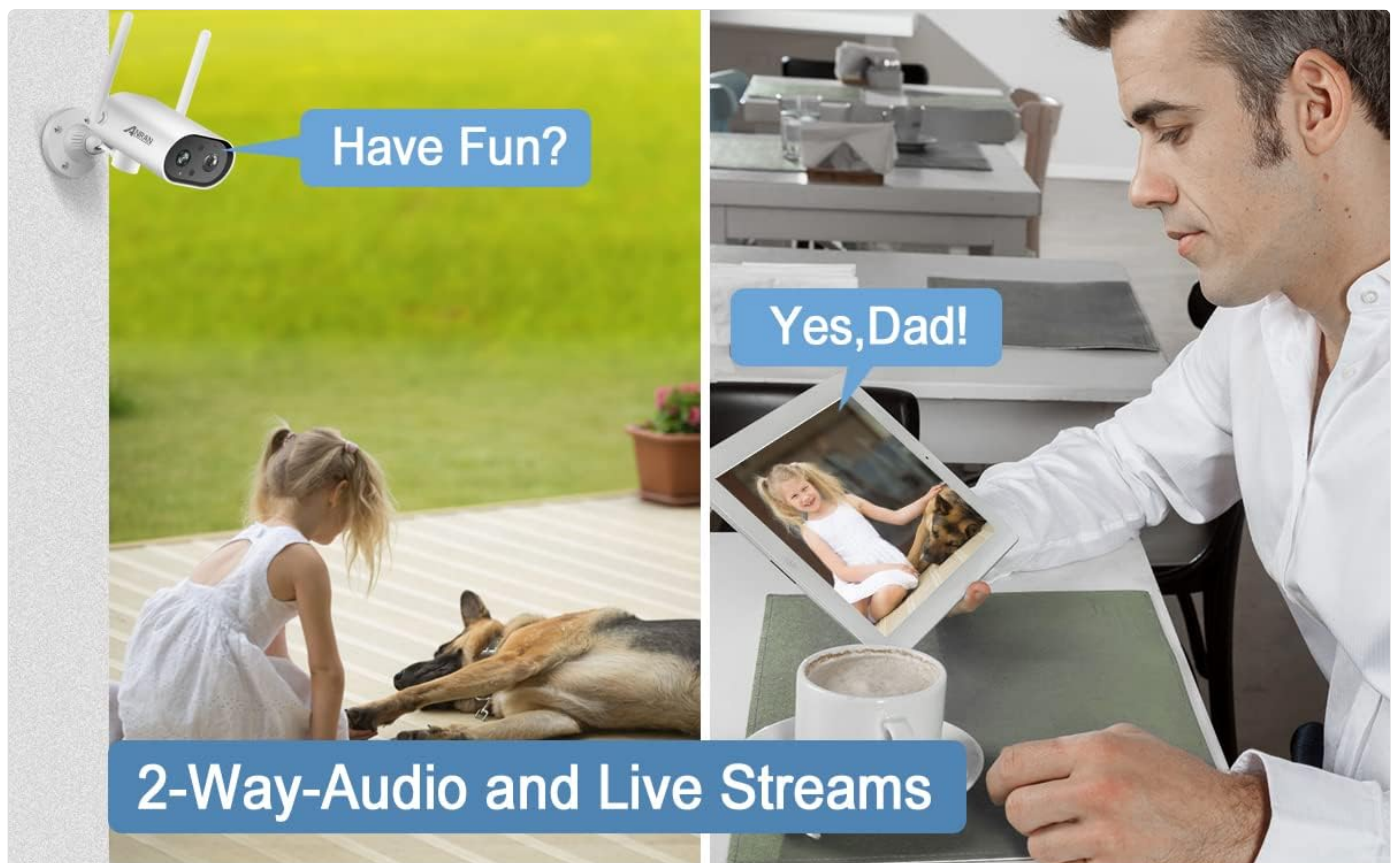
Image: This image illustrates the ANRAN S02 camera's two-way audio feature, showing a person interacting with a child and dog, and its multi-user live view capability, with up to 8 users simultaneously viewing the camera feed on their devices.

5. Storage Options

The camera supports local storage via a Micro SD card (up to 128GB, not included). Additionally, a 7-day free trial for cloud storage is available, providing a secure backup for your recorded footage without hidden costs.

Image: This image highlights the ANRAN S02 camera's storage options, including support for up to a 128GB Micro SD card (not included) and a 7-day free trial for cloud storage, emphasizing no hidden costs.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your ANRAN S02 camera.

- **Cleaning:** Periodically wipe the camera lens and solar panel with a soft, damp cloth to remove dust, dirt, or debris

that may obstruct vision or reduce charging efficiency. Avoid abrasive cleaners.

- **Weather Protection:** The camera is IP65 weatherproof, designed to withstand extreme weather conditions. However, ensure the charging port cover is securely closed to prevent water ingress.

Image: The image shows the ANRAN S02 camera with water droplets on its surface, visually representing its IP65 waterproof rating and ability to withstand outdoor elements.

- **Battery Health:** While the solar panel provides continuous charging, ensure the camera receives adequate sunlight. If the camera is installed in a shaded area, occasional manual charging may be required to maintain battery health.

TROUBLESHOOTING

If you encounter issues with your ANRAN S02 camera, refer to the following common problems and solutions:

- **Camera Offline:**

    - Ensure the camera is within range of your 2.4 GHz Wi-Fi network.
    - Check your Wi-Fi router and internet connection.
    - Restart the camera and your router.
    - If the Wi-Fi signal is weak, consider using a Wi-Fi extender.

- **No Motion Detection/False Alarms:**

    - Adjust the PIR sensitivity settings in the app.
    - Customize detection zones to focus on areas of interest and exclude busy areas.
    - Ensure the camera lens is clean and unobstructed.

- **Poor Night Vision Quality:**

    - Clean the camera lens.
    - Ensure there are no reflective surfaces close to the camera that might interfere with infrared illumination.

- **Battery Not Charging:**

    - Ensure the solar panel is clean and free from obstructions.
    - Verify the solar panel is positioned to receive direct sunlight for several hours daily.
    - Check the connection between the solar panel and the camera.

- **Cannot Connect to App:**

    - Verify you are connecting to a 2.4 GHz Wi-Fi network.
    - Ensure the app is updated to the latest version.
    - Reset the camera and attempt the pairing process again.

SPECIFICATIONS

Feature	Detail
Model Number	S02
Brand	ANRAN
Connectivity Technology	Wireless (Wi-Fi 2.4 GHz)
Power Source	Battery Powered, Solar Powered
Video Recording Resolution	2K (1536P)
Viewing Angle	180° (Pan Rotation for 270° coverage)
Special Features	Night Vision, PIR Human Detection, Two-Way Audio
Weather Resistance	IP65
Storage	Micro SD (up to 128GB), Cloud Storage

| Feature	Detail
Material	Plastic
Dimensions (L x W x H)	25.4 x 5.08 x 6.86 cm
Weight	790 grams

WARRANTY AND SUPPORT

ANRAN is committed to providing excellent customer service and product support.

Image: This image features three icons: a shield for a 2-Year Warranty, a headset for Lifetime Tech-support, and a clock for 7x24 Hours Online Service, highlighting ANRAN's commitment to customer support.

- **Warranty:** Your ANRAN S02 camera comes with a 2-year warranty.
- **Technical Support:** ANRAN offers lifetime technical support for its products.
- **Customer Service:** Professional support is available 7 days a week, 24 hours a day. For any installation or operational issues, please contact ANRAN customer service via phone or email. Email responses are typically provided within 24 hours.
- For further assistance, please refer to the contact information provided with your product packaging or visit the official ANRAN website.

Documents - ANRAN – S02
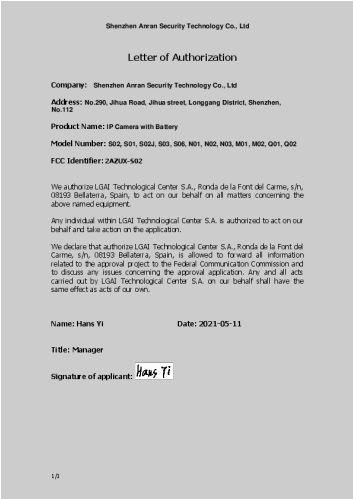
[Shenzhen Anran Security IP Camera Authorization Letter | Model S02, S01, S02J, S03, S06, N01, N02, N03, M01, M02, Q01, Q02](#)

Official Letter of Authorization from Shenzhen Anran Security Technology Co., Ltd. authorizing LGAI Technological Center S.A. for their IP Camera with Battery models, including FCC identifier 2AZUX-S02.

lang:en score:27 filesize: 100.75 K page_count: 1 document date: 2021-05-11
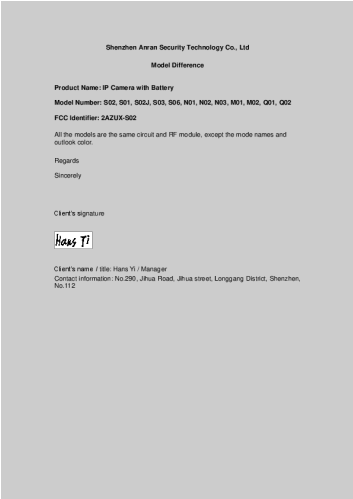
[Shenzhen Anran Security Technology IP Camera with Battery Model Differences](#)

Details the model differences for Shenzhen Anran Security Technology's IP Camera with Battery, highlighting shared circuitry and RF modules across various models including S02, S01, S02J, S03, S06, N01, N02, N03, M01, M02, Q01, and Q02.

lang:en score:27 filesize: 63.48 K page_count: 1 document date: 2021-05-11

[Request for Confidentiality - Shenzhen Anran Security Technology Co., Ltd - FCC ID: 2AZUX-S02](#)

Letter from Shenzhen Anran Security Technology Co., Ltd to the Federal Communications Commission requesting confidentiality for exhibits related to FCC ID 2AZUX-S02, citing proprietary information and competitive advantage.

lang:en score:25 filesize: 243.91 K page_count: 1 document date: 2021-05-11

[ANRAN S02 Solar Powered Wireless Security Camera User Guide](#)

User guide for the ANRAN S02 Solar Powered Wireless Security Camera, detailing product features, components, and setup information. Includes contact details and FCC ID.

lang:en score:24 filesize: 388.1 K page_count: 4 document date: 2023-03-31

[ANRAN S02 Solar-Powered Wireless Security Camera: Quick Start Guide](#)

Get started quickly with your ANRAN S02 solar-powered wireless security camera. This guide provides essential steps for installation, app setup, and connecting to your network.

lang:en score:23 filesize: 14.03 M page_count: 1 document date: 2022-09-07

FCC TEST REPORT
FCC ID: 2AZUX-S02

Report Number ZKT-210427L1534E
Date of Test .... Apr. 25, 2021 to May. 10, 2021
Date of Issue .... May. 10, 2021
Total number of pages 55
Test Result .... PASS

Testing Laboratory .... Shenzhen ZKT Technology Co., Ltd.
Address .... 1/F, No. 101, Building B, No. 6, Tangwei Community Industrial Avenue, Fuhai Street, Bao'an District, Shenzhen, China

Applicant's name .... Shenzhen Anran Security Technology Co., Ltd
Address .... No.290, Jihua Road, Jihua street, Longgang District, Shenzhen, No.112

Manufacturer's name .... Shenzhen Anran Security Technology Co., Ltd
Address .... No.290, Jihua Road, Jihua street, Longgang District, Shenzhen, No.112

Test specification:
Standard .... FCC CFR Title 47 Part 15 Subpart C Section 15.247
                                          ANSI C63.10:2013
Test procedure .... /
Non standard test method .... N/A

Test Report Form No. .... TRF-EL 110_V0
Test Report Form(s) Originator ... ZKT Testing
Master TRF .... Dated: 2020-01-06

This device described above has been tested by ZKT, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.
This report shall not be reproduced except in full, without the written approval of ZKT, this document may be altered or revised by ZKT, personal only, and shall be noted in the revision of the document.

Product name .... IP Camera with Battery
Trademark .... N/A
Model/Type reference S02
                                          S01, S02J, S03, S06, N01, N02, N03, M01, M02, Q01, Q02
Ratings .... DC 3.7V from battery
                                          DC 5V from charger

Shenzhen ZKT Technology Co., Ltd.
1/F, No. 101, Building B, No. 6, Tangwei Community Industrial Avenue, Fuhai Street, Bao'an District, Shenzhen, China
☎ +86-400-000-9976   📠 +86-755-2233 6666   ✉ zkt@zkt-lab.com   🌐 www.zkt-lab.com

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[FCC Test Report for Shenzhen Anran Security IP Camera with Battery (FCC ID: 2AZUX-S02)](#)

This document is an FCC test report for the Shenzhen Anran Security IP Camera with Battery, model S02 and related variants. It details compliance testing performed by Shenzhen ZKT Technology Co., Ltd. according to FCC CFR Title 47 Part 15 Subpart C and ANSI C63.10:2013 standards.
lang:en score:21 filesize: 4.86 M page_count: 55 document date: 2021-05-11
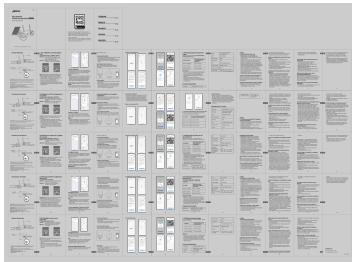
[ANRAN S01/S02 Solar Powered Wireless Security Camera: Quick Start Guide & Setup](#)

Comprehensive quick start guide for the ANRAN S01 and S02 solar-powered wireless security cameras. Learn how to install, set up the mobile app, pair your device, and troubleshoot common issues.
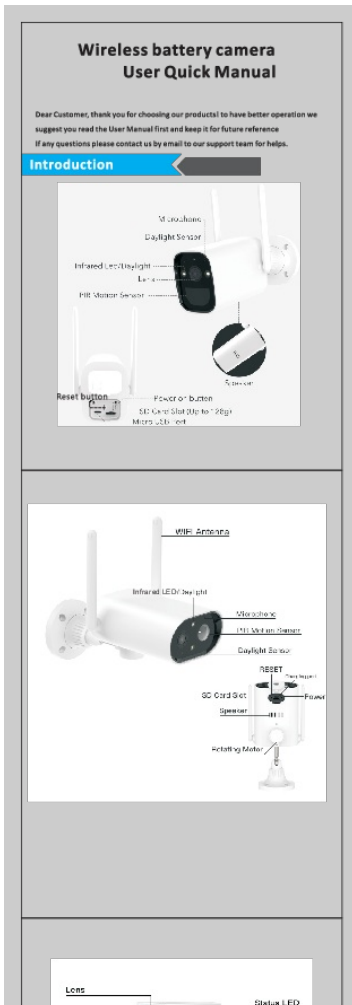lang:en score:20 filesize: 7.81 M page_count: 1 document date: 2023-09-23

[Anran S02 Wireless Battery Camera: Quick Start Guide & Setup](#)

Learn how to set up and use your Anran S02 wireless battery camera with this quick start guide. Covers app download, account registration, Wi-Fi setup, and device functions.
lang:en score:20 filesize: 221.99 K page_count: 2 document date: 2021-05-11

Wireless battery camera
User Quick Manual

Dear Customer, thank you for choosing our product to have better operation we suggest you read the User Manual first and keep it for future reference If any questions please contact us by email to our support team for helps.

Introduction

Microphone
Daylight Sensor
Infrared LED/Daylight
Lens
PIR Motion Sensor
Speaker
Reset button
Power on button
SD Card Slot (Up to 128gb)
Micro USB Port

WIFI Antenna
Infrared LED/Daylight
Microphone
PIR Motion Sensor
Daylight Sensor
RESET
Power Input
SC Card Slot
Power
Speaker
Rotating Motor

Lens
Status LED

SD Card Port: Support micro SD card for local storage (Max 128GB).
Reset button: Used to restore the camera to factory settings (Press and hold on 5-6s).

Download the ARCCTV APP

Download "ARCCTV" from Google Play /App Store or Scan the following
QR Code onto your Mobile Phone.

Android   iOS

Register an account

1. Open the "ARCCTV" APP to register an account. Go to the login interface
then click "Register" (Figure 1)

2. Register with your phone number or email address, click "Confirm", a
verification code will be sent to your phone or email-box (Figure 2)

3. input the verification code and set a password for the app account,
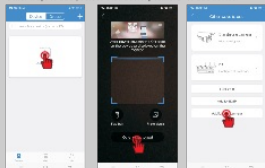click "Confirm" to complete (Figure 3)
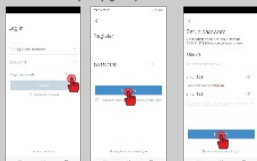
Set up WiFi for the camera

Step1. Put both of your mobile phone and camera near the router, and the
distance should be 5-10m.
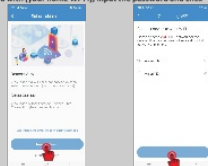**Step2.** Log in to "ARCCTV", then tap the "+" icon in the center.
Tap "Other ways to add", select "Add battery camera" to add device.

Step3. Reset the device and wait for the device indicator to flash and proceed
to the next step;

Step4. Click "Remote View",and choose the Wi-Fi the device needs to
connected with (your home Wi-Fi), input the password and click "Next".

Step5. Using the device to scan the QR code on the mobile phone according to
the operation the figure shows, then proceed to the next step after hearing
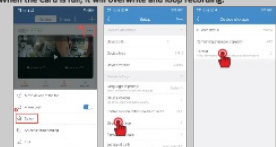the prompt tone.

Step6. After the network configuration is successful, set the name and password
for the device to add successfully, then you can view the camera screen.
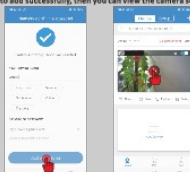
◆ Device Storage

The camera supports up to 128GB Micro TF card. Please format the card
after inserted.
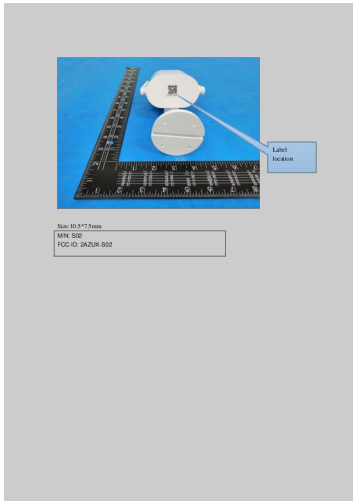When the Card is full, It will overwrite and loop recording.

ARCCTV Wireless Battery Camera User Quick Manual

Comprehensive guide to setting up and using the ARCCTV wireless battery security
camera, including app installation, Wi-Fi connection, storage, playback, and motion
detection features.

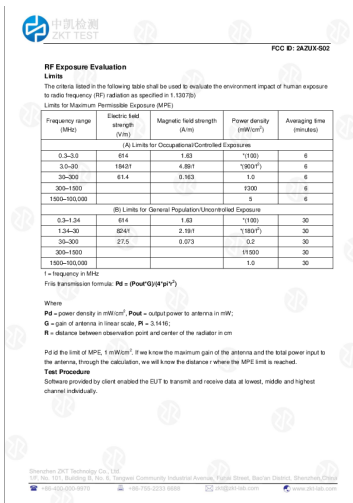lang:en score:18 filesize: 4.99 M page_count: 1 document date: 2022-09-28

◆ Remote Playback

1) Click the "Playback" button to enter the playback interface;
2) Select "TF card recording", drag the timeline to select the time period;
3) Click "☐" to select the date.

◆ Motion detection alarm

With the function on, the App will push an alarm message to you when a motion is triggered. Click "Settings" and choose "Motion Detection recording", turn on the "Motion detection", "Motion Recording" and "Enable motion detection notifications"

◆ Functions

☐ News: Tap to view alarm messages. Please go to Me > Settings to turn on the Push Notification.

☐ Playback: Tap to view the videos recorded.

☐ Window: Change the number of channels displayed on the screen.

☐ SD: Switch the image quality between SD and HD. SD is the default setting and recommended for smooth streaming.

☐ Light control: Adjust the infrared lights mode of cameras.

☐ Microphone: Can press and hold Microphone to start the intercom.

☐ PTZ: Can Pan and Zoom the cameras came with this system.

☐ Screenshot: Tap to capture a screenshot to the App. Please go to the Main interface > Screenshot to check.

☐ Sound: Turn on/off the sound from the camera.

☐ Recording: Tap to start recording the live video; tap again to end and save it into the App.

☐ Intercom: Tap to start talking with people near the NVR. Press and hold the ☐ icon to talk; press the icon ☐ to hang up.(Note: If this feature can't work, the cameras you ordered don't have this feature)

Thanks again, if there are any issues, please don't hesitate to contact us by sending an email to our support team so we can do our best to resolve it.

[ANRAN S02 Solar Powered Wireless Security Camera Quick Start Guide](#)

A comprehensive quick start guide for the ANRAN S02 solar-powered wireless security camera, covering setup, installation, app usage, features like humanoid detection, and troubleshooting.

lang:en score:18 filesize: 5.34 M page_count: 24 document date: 2022-09-28

[Shenzhen Anran Security Technology S02 IP Camera: Label and Specifications](#)
Detailed information on the label location, size, model number (S02), and FCC ID (2AZUX-S02) for the Shenzhen Anran Security Technology Co., Ltd S02 IP Camera with Battery.
lang:en score:17 filesize: 104.16 K page_count: 1 document date: 2021-05-11

[RF Exposure Evaluation for Shenzhen Anran Security S02 IP Camera](#)
This document provides the RF exposure evaluation and test results for the Shenzhen Anran Security S02 IP Camera with Battery (FCC ID: 2AZUX-S02). It details the Maximum Permissible Exposure (MPE) limits for occupational and general population scenarios, along with the Friis transmission formula. The test results for WiFi mode, including output power and power density measurements, are presented, confirming compliance with MPE limits.
lang:en score:17 filesize: 175.96 K page_count: 2 document date: 2021-05-12
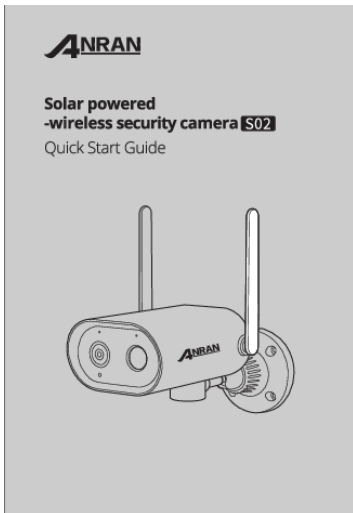
[ANRAN S02 Solar Powered Wireless Security Camera Quick Start Guide](#)
A quick start guide for the ANRAN S02 solar-powered wireless security camera, covering unboxing, product overview, app installation, mounting, Wi-Fi setup, and troubleshooting.
lang:en score:14 filesize: 8.69 M page_count: 20 document date: 2021-06-25
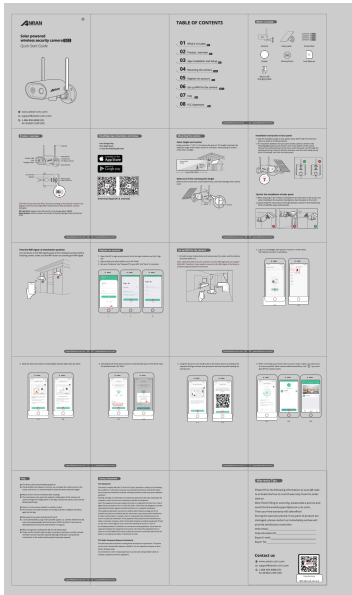
[ANRAN S02 Solar Powered Wireless Security Camera Quick Start Guide](#)
Quick start guide for the ANRAN S02 solar-powered wireless security camera. Learn how to install, connect, and set up your camera using the ANRAN app. Features include 1080P resolution, PIR human detection, 2-way talk, and night vision.
lang:en score:13 filesize: 3.88 M page_count: 1 document date: 2022-07-12
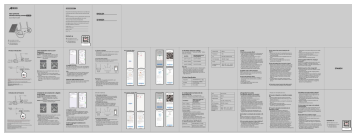
[ANRAN S01/S02 Wireless Security Camera User Guide and Setup](#)
Comprehensive user guide for ANRAN S01 and S02 wireless outdoor security cameras. Learn how to install, set up the mobile app, and operate your camera for home surveillance with features like 2K resolution, solar power, and night vision.
lang:en score:13 filesize: 6.08 M page_count: 1 document date: 2022-12-05

[Shenzhen Anran Security S02 IP Camera External Photos](#)
Detailed external photographs and specifications of the Shenzhen Anran Security S02 IP Camera with Battery, model 2AZUX-S02, showcasing its physical design and dimensions.
lang:en score:12 filesize: 1.1 M page_count: 4 document date: 2021-05-14
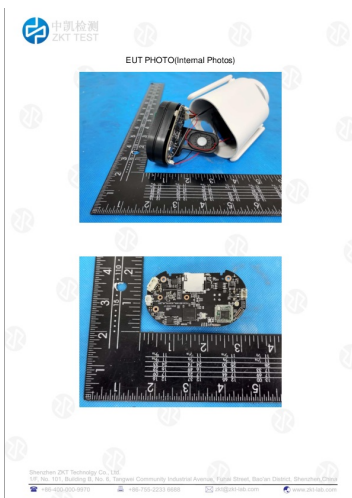
[Internal Photos: Shenzhen Anran Security Technology S02 IP Camera](#)
Detailed internal photographs of the Shenzhen Anran Security Technology S02 IP Camera, model numbers 2AZUX-S02 and 2AZUXS02, showcasing its electronic components and battery with scale measurements.
lang:en score:12 filesize: 1.23 M page_count: 4 document date: 2021-05-14
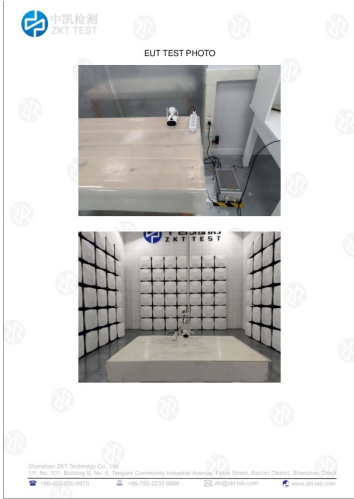
[S02 IP Camera Test Photos - Shenzhen Anran Security](#)
View the EUT test photos for the Shenzhen Anran Security S02 IP Camera with Battery (Model 2AZUX-S02), showcasing test setups and environments by ZKT TEST.
lang:en score:12 filesize: 469.48 K page_count: 2 document date: 2021-05-11

[Radio Equipment Certification Records](#)
This document provides a comprehensive overview of radio equipment certifications, listing numerous devices from leading manufacturers such as Acer, Asus, Dell, HP, Lenovo, LG, Samsung, and Sony. It details product types, models, RF modules, frequency bands, power outputs, and applicant information for a wide array of consumer electronics and computing devices.
lang:en score:11 filesize: 968.76 K page_count: 45 document date: 2022-03-04