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#### **JOOAN A6M-U**

# JOOAN S-3MP A6M-U WiFi Security Camera User Manual

Model: A6M-U

#### 1. SAFETY INFORMATION

Please read this manual carefully before operating the device and retain it for future reference. Improper use may result in damage to the product or personal injury.

- Ensure the camera is installed in a stable location to prevent falling.
- Use only the provided power adapter to avoid damage.
- Do not expose the camera to extreme temperatures or direct sunlight for prolonged periods.
- Keep the device away from strong electromagnetic interference sources like refrigerators or microwave ovens to prevent audio distortion.
- Avoid opening the camera casing; refer all servicing to qualified personnel.

#### 2. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1x JOOAN S-3MP A6M-U Security Camera
- 1x 3M Type-C Cable
- 1x Power Adapter
- 1x Pack of Screws (for mounting)
- 1x Product Manual



Image: Contents of the JOOAN S-3MP A6M-U Security Camera package.

#### 3. PRODUCT OVERVIEW

# 3.1 Camera Components



Image: Bottom view of the camera, displaying the model number A6M-U and regulatory information.

The camera features a lens, two LED lights for night vision, a microphone, and a speaker. The base includes a reset button and a Micro SD card slot.

#### 3.2 Key Features

- HD1296P Resolution: Provides clear and detailed video footage.
- WiFi Connectivity: Easy wireless connection to your home network.
- Outdoor/Indoor Use: IP65 weatherproof rating ensures durability in various conditions.

- Motion Detection & Alerts: Sends instant notifications to your smartphone upon detecting movement.
- Two-Way Audio: Communicate with visitors or deter intruders remotely.
- Color Night Vision: Offers clear, full-color video even in low-light conditions.
- Works with Alexa: Integrates with Amazon Alexa for voice control and smart home automation.
- **Multiple Storage Options:** Supports Micro SD card (up to 256GB) and cloud storage (30-day trial available).

#### 4. SETUP GUIDE

# 4.1 Powering On the Camera

- 1. Connect the provided 3M Type-C cable to the camera and the power adapter.
- 2. Plug the power adapter into a standard electrical outlet.
- 3. The camera will power on, indicated by an LED light.



Image: The camera connected to a power source using the 3M Type-C cable.

#### 4.2 App Download and Account Creation

- Scan the QR code in the manual or search for the recommended app (e.g., 'Cam720' or similar as indicated in the manual) on your smartphone's app store (App Store for iOS, Google Play Store for Android).
- 2. Download and install the app.
- 3. Open the app and follow the on-screen instructions to create an account and log in.

#### 4.3 Connecting the Camera to WiFi

- 1. In the app, tap the '+' icon to add a new device.
- 2. Select your camera model or choose the 'Scan QR code' option if available on the camera.
- 3. Follow the app's instructions to connect the camera to your 2.4GHz WiFi network. Ensure your phone is also connected to the same WiFi network during setup.
- 4. If prompted, reset the camera by pressing the reset button on the bottom of the device for 5 seconds until you hear a prompt or see a change in the LED indicator.



Image: A finger pressing the reset button located on the camera's base.

# **4.4 Physical Installation**

The camera can be placed on a flat surface or mounted to a wall or ceiling. The adjustable base allows for flexible positioning.

- Surface Placement: Simply place the camera on a stable surface like a shelf or table.
- Wall/Ceiling Mount: Use the provided screws to secure the mounting plate to your desired location.

  Attach the camera to the mounting plate.







Image: Examples of the camera mounted on a wall, ceiling, and placed on a table, demonstrating versatile installation

options.



Image: The camera's base allows for manual adjustment of the viewing angle (Pan 360°, Tilt 90°).

# 5. OPERATING INSTRUCTIONS

# **5.1 Live View**

Once connected, open the app to access the live video feed from your camera. You can view it on your smartphone or tablet.



Image: The camera's live feed displayed on a smartphone, showing a baby in a basket.

# 5.2 Two-Way Audio

The camera features a built-in microphone and speaker, allowing for two-way communication.

- Tap the microphone icon in the app to speak through the camera's speaker.
- The camera's microphone will pick up audio from its surroundings.

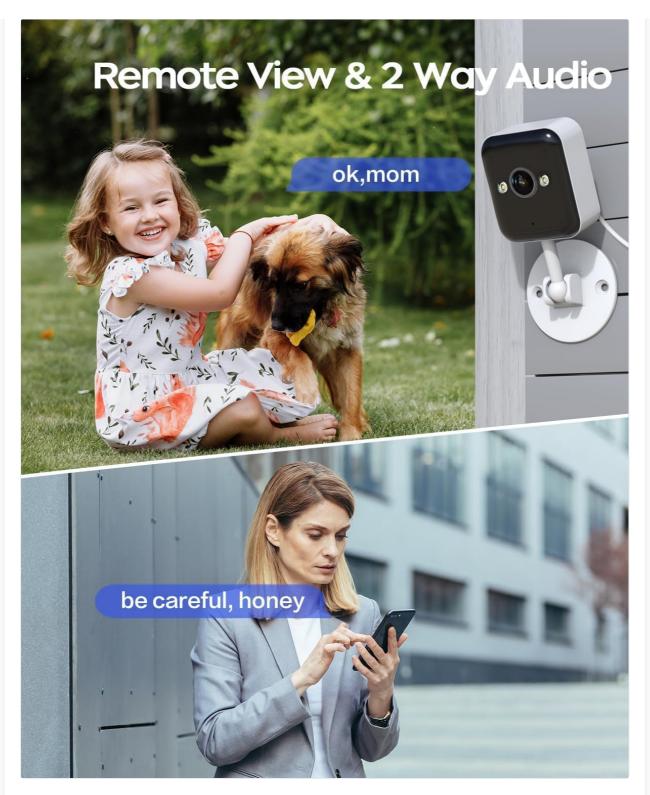


Image: A girl communicating with her mother via the camera's two-way audio feature.



Image: Visual representation of the camera's two-way audio capability, showing a baby and audio waves.

# **5.3 Motion Detection & Alerts**

The camera can detect motion and send instant notifications to your phone.

- Enable motion detection in the app settings.
- Adjust sensitivity levels and define detection areas to minimize false alarms.
- Receive push notifications on your smartphone when motion is detected.

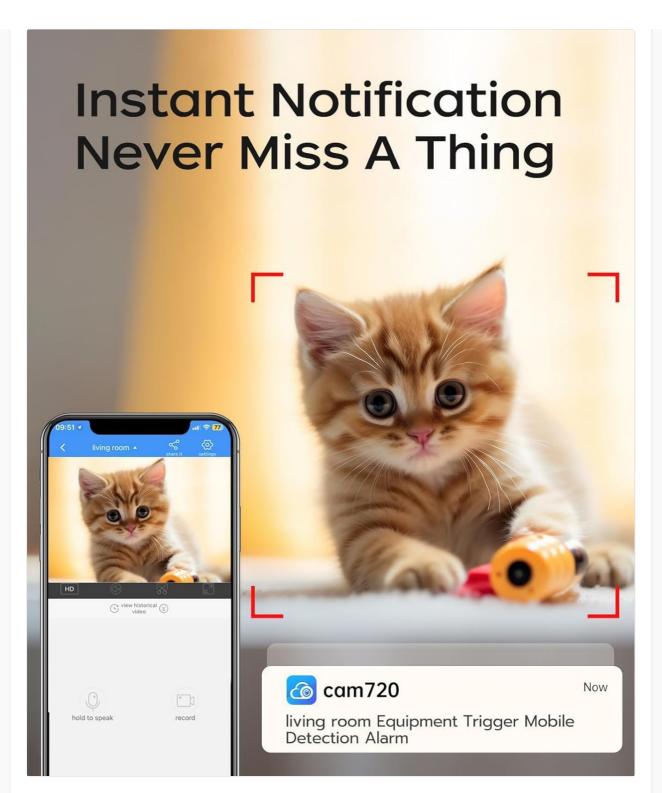


Image: A smartphone showing an instant notification from the camera after detecting motion, with a kitten in the background.



Image: The camera's advanced chip enables both motion and sound detection, sending alerts for events like a baby crying.

# **5.4 Night Vision Modes**

The camera offers multiple night vision options for clear monitoring in the dark.

- Full Color Light: Utilizes built-in white lights for full-color night vision.
- Infrared Normal Light: Standard black and white infrared night vision.
- Smart Color Light: Automatically switches to color night vision when motion is detected in dark environments.

# **3 Night Vision Modes**







Image: Comparison of the three night vision modes: Full Color Light, Infrared Normal Light, and Smart Color Light, showing how the camera adapts to different lighting conditions.



Image: A split screen on a smartphone showing the difference between traditional IR night vision and enhanced color night vision.

# 5.5 Video Storage and Playback

The camera supports both local and cloud storage options for recorded footage.

- Micro SD Card: Insert a Micro SD card (up to 256GB, not included) into the designated slot for 24/7 continuous recording.
- **Cloud Storage:** A 30-day trial is available. Subscribe to cloud services for secure, remote storage and access to your video history.
- **Playback:** Access recorded videos through the app's playback feature, allowing you to review events by date and time.



Image: Icons representing cloud storage, Micro SD card storage, and video playback features.



Image: A timeline showing 24/7 local recording capability, with a child playing in the background.

# 5.6 Multi-person Sharing

Share access to your camera's live feed and recordings with family and friends through the app.

- Navigate to the sharing options within the camera settings in the app.
- Invite other users by entering their account details.
- Manage permissions for each shared user.

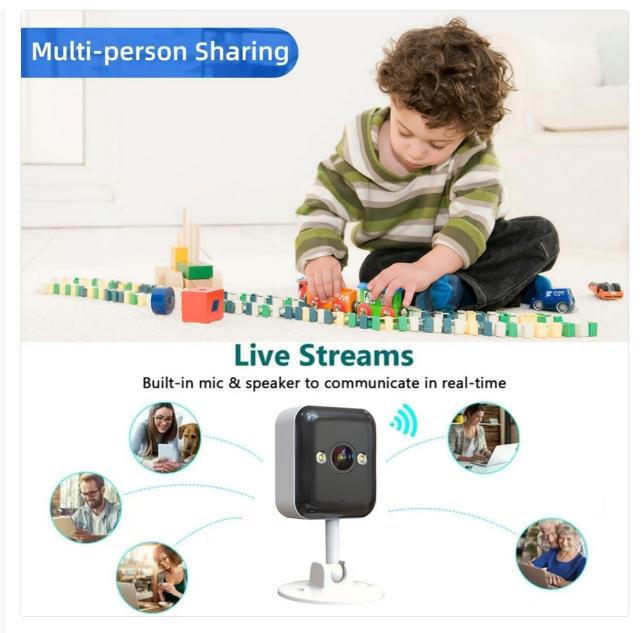


Image: The camera surrounded by icons of people, illustrating the multi-person sharing feature.

#### 6. MAINTENANCE

- Cleaning: Use a soft, dry cloth to clean the camera lens and body. Avoid harsh chemicals.
- **Firmware Updates:** Regularly check the app for available firmware updates to ensure optimal performance and security.
- Power Supply: Ensure the power cable is securely connected and not damaged.
- **Network Connection:** Periodically check your WiFi signal strength to ensure a stable connection for the camera.

# 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera offline	No power; WiFi disconnected; Router issue	Check power connection; Reconnect WiFi in app; Restart router.

Problem	Possible Cause	Solution
Motion alerts not received	Motion detection off; App notifications disabled; Incorrect sensitivity	Enable motion detection in app; Allow app notifications in phone settings; Adjust sensitivity.
Poor video quality	Weak WiFi signal; Dirty lens	Move camera closer to router or use a WiFi extender; Clean the lens.
Two-way audio echo/noise	Camera too close to phone; Electromagnetic interference	Maintain distance (>8m) between phone and camera during intercom; Move camera away from interference sources.

# 8. SPECIFICATIONS

Feature	Detail	
Model Number	A6M-U	
Resolution	HD1296P (3MP)	
Connectivity	Wireless (Wi-Fi)	
Indoor/Outdoor Usage	Outdoor (IP65 Weatherproof)	
Night Vision Range	30 Feet (Color Night Vision available)	
Two-Way Audio	Yes	
Motion Detection	Yes	
Storage Options	Micro SD Card (up to 256GB), Cloud Storage	
Compatible Devices	Smartphone, Tablet (Works with Alexa)	
Dimensions (L x W x H)	12.7 x 8.8 x 8 Centimetres	
Item Weight	210 g	



Image: Detailed dimensions of the JOOAN S-3MP A6M-U Security Camera.



Image: The camera is shown with water droplets, illustrating its IP65 weatherproof rating for outdoor use.

# 9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the contact details provided in the product packaging or visit the official JOOAN website. Keep your purchase receipt as proof of purchase for warranty claims.

Online Support: Check the JOOAN website for FAQs, troubleshooting guides, and software downloads.

**Customer Service:** Contact JOOAN customer service for further assistance.

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WIRELESS KIT OUICK USER QUIDE	Jooan Wireless Security Camera System Quick User Guide A comprehensive guide to setting up and operating the Jooan Wireless Security Camera System, including NVR and IPC installation, recording, playback, motion detection, email setup, and remote access via PC and mobile devices.
₽ 2 2 5 5 00 as 2 4 5 00 as 6 0 as 6	JOOAN Light Bulb Security Camera Quick User Guide A comprehensive guide to setting up and using the JOOAN Light Bulb Security Camera, covering wired and WiFi connections, app usage, playback, installation, troubleshooting, and after-sale services.
**************************************	Jooan A6M-U WiFi Camera Quick User Guide A quick user guide for the Jooan A6M-U WiFi Camera, covering setup, connection, features, and troubleshooting.
A DESCRIPTION OF THE PROPERTY	JOOAN WiFi Camera Quick User Guide  A concise guide to setting up and using the JOOAN WiFi Camera, covering installation, network connection (WiFi and wired), app usage, sharing features, playback options, and troubleshooting.
	JOOAN Smart Video Doorbell Installation and User Guide A comprehensive guide to installing and using the JOOAN Smart Video Doorbell, covering setup, Wi-Fi connection, chime pairing, and feature explanations.
Trouble shooting  due carrier SHP 2666 of an entered  - Quick housing housing for some insex  - Anderso connections to deal  - A Philosophic connections is used or a proper connection to the connection of the c	JOOAN Security Camera Troubleshooting Guide A comprehensive troubleshooting guide for JOOAN security cameras, covering common issues like weak signal, no alarm messages, device unbinding, connection problems, and setup tutorials for Android and iPhone.

#### Documents - JOOAN - A6M-U



#### [pdf] Test Report SAR Rating

HD 271 S1 Allo FCC MPE Report Shenzhen Jooan Technology Co Ltd A6M U Smart Camera 2BBQ4 2BBQ4A6MU a6m u

RF Exposure Evaluation Report Application No.: DNT240287R0472-0962 Applicant: Shenzhen Jooan Technology Co., Ltd Address of Applicant: Building 101-3,5 and 6, No.8, Guixiang Community Square Road, Guanlan Street, Longhua District, Shenzhen, China EUT Description: Smart Camera Model No.: A...

lang:en score:37 filesize: 928.52 K page\_count: 7 document date: 2024-03-21



#### [pdf]

builder Kingsoft US Agent 2 911 d 7 U V05 Shenzhen Jooan Technology Co Ltd A6M Smart Camera 2BBQ4 2BBQ4A6MU a6m u

Shenzhen Jooan Technology Co., Ltd. Building 101-3,5 and 6, No.8, Guixiang Community Square Road, Gu ... heir agent for service of process for the equipment for which authorization is sought FCC ID:2BBQ4-**A6M-U** Name and company of U.S.agent: Physical U.S.address of agent: FRN of U.S.agent: Email address... lang:en score:34 filesize: 128.74 K page count: 1 document date: 2024-03-21



#### FCC Test Report for Jooan A6M-U Smart Camera

Official FCC test report detailing compliance testing for the Jooan A6M-U Smart Camera, conducted by Dongguan DN Testing Co., Ltd. Covers RF emissions, power, and regulatory standards.

lang:en score:31 filesize: 5.8 M page\_count: 46 document date: 2024-03-21



#### FCC Test Report: Shenzhen Jooan Smart Camera A6M-U

Official FCC test report detailing compliance testing for the Shenzhen Jooan Smart Camera, model A6M-U (FCC ID: 2BBQ4-A6M-U). Conducted by Dongguan DN Testing Co., Ltd. according to FCC Part 15 regulations and ANSI C63.10:2013. lang:en score:29 filesize: 5.78 M page\_count: 43 document date: 2024-03-21



# <u>Shenzhen Jooan Technology Co., Ltd Declaration of Model Difference - Smart Camera</u>

Official declaration from Shenzhen Jooan Technology Co., Ltd confirming that Smart Camera models A2R-U, Q3R-U, Q3T-U, and A6M-U share identical internal components and PCB boards, differing only in model designation.

lang:tl score:27 filesize: 70.02 K page\_count: 1 document date: 2024-03-02



#### [pdf] Product Photos Teardown

pencils Internal Photos Shenzhen Jooan Technology Co Ltd A6M U Smart Camera 2BBQ4 2BBQ4A6MU a6m u

Page: 1 of 3 PHOTO GRAPHS OF EUT FCC ID:2BBQ4-**A6M-U** Page: 2 of 3 Page: 3 of 3 ...

lang:tl score:26 filesize: 2.25 M page count: 3 document date: 2024-03-21



#### JOOAN A6M-U Smart Camera - External Photographs and Specifications

Detailed external photographs and key specifications for the JOOAN A6M-U Smart Camera, including FCC ID 2BBQ4-A6M-U, model A6M-U, and AC adapter details from Shenzhen Jooan Technology Co., Ltd.

lang:tl score:26 filesize: 2.35 M page\_count: 4 document date: 2024-03-21



#### [pdf] Product Photos

pencils Test Setup photo Shenzhen Jooan Technology Co Ltd A6M U Smart Camera 2BBQ4 2BBQ4A6MU a6m u

Page: 1 of 2 Test Setup Of EUT FCC ID:2BBQ4-**A6M-U** Conducted Emission Test View Radiated Emission Test View Below 1G Page: 2 of 2 Radiated Emission Test View Above 1G ...

lang:tl score:26 filesize: 2.25 M page\_count: 2 document date: 2024-03-21



#### Jooan A6M-U WiFi Camera Quick User Guide

A quick user guide for the Jooan A6M-U WiFi Camera, covering setup, connection, features, and troubleshooting.

lang:en score:26 filesize: 2.72 M page\_count: 2 document date: 2024-03-21



# Shenzhen Jooan Technology Co., Ltd A2R-U Smart Camera FCC Part 15.247 Test Report

FCC Part 15.247 Test Report for Shenzhen Jooan Technology Co., Ltd. Smart Camera, Model A2R-U. This report details compliance testing for conducted emissions, radiated emissions, maximum peak output power, power spectral density, 6dB bandwidth, out-of-band emissions, and antenna requirements.

lang:en score:21 filesize: 4.5 M page\_count: 38 document date: 2024-03-02



#### FCC Part 15 Subpart C Test Report for Shenzhen Jooan Smart Camera A2R-U

This FCC Part 15 Subpart C test report details the compliance testing for the Shenzhen Jooan Smart Camera, Model A2R-U, conducted by Shenzhen CTA Testing Technology Co., Ltd. It covers conducted emissions, radiated emissions, output power, power spectral density, and bandwidth.

lang:en score:21 filesize: 5.41 M page\_count: 30 document date: 2024-03-04

Sheuzheu Josun Technology Cu., Ltd
Building 101-3,5 and 6, No.8, Gaiziang Community Square Road, Guanlan Street, Longhua District,
Sheuzheu, Chian

Federal Communications Commissio Authorization and Evaluation Division Equipment Authorization Branch 7435 Oakland Mills Road Columbia, MD 21046

2024-3-1

To whom it may concen

We, the undersigned, hereby authorize Eurofins Product Service Grabi-tio act on our behalf in all matters relating to applications for equipment authorization FCC ID: 28BQH-A4MH-U including the signing of all documents related to these matters.

as acts of our own.

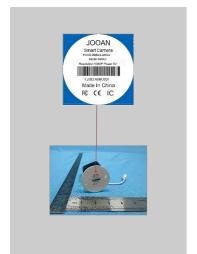
By signing this application form, we agree to Eurofins' current valid General Terms and Conditions
(AGB), Testing and Certification Regulations (P2O) which can be viewed on following websites
were currently certificated on request.

#### [pdf]

FCC POA Shenzhen Jooan Technology Co Ltd A6M U Smart Camera 2BBQ4 2BBQ4A6MU a6m u

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lang:en score:18 filesize: 111.93 K page\_count: 1 document date: 2024-03-21



#### [pdf] Label

Administrator Label and location Shenzhen Jooan Technology Co Ltd A6M U Smart Camera 2BBQ4 2BBQ4A6MU a6m u

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lang:en score:18 filesize: 190.21 K page\_count: 1 document date: 2024-03-21

#### CONFIDENTIALITY REQUEST

Federal Communication Commission
Equipment Authorization Division, Application Processing Branch
7435 Oakland Mills Road
Columbia MD 2008

#### Date:<2024-3-19>

Pursuant to Paragraphs 90.457 and 0.459 of the Commission's Rules (47 C.F.R.) an Section §552(b)(4) of the Freedom of Information Act, we requests confidentially for the following products:

CC ID Model name 9BO4-A6M-U A6M-U

For the product stated above, we request that the following information be hel confidential:

Exhibits	Long-Term Confidentiality	Short-Term Confidentiality	Short-Term Confidentiality Day
External Photos			
Internal Photos			
Block Diagram	- 12		
Schematics	XI		
Test Setup Photos			
User's Manual			
Parts List			
Tune Up			
Operational Descriptions	×		

The long-term confidentiality exhibits contain our trade secrets and propriet information that could be of benefit to our competitors.

The short-term confidentiality on the basis of ensuring that business sensit information remains confidential until the actual marketing of our new device.

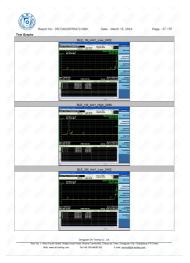
If you have any questions, please feel free to contact me at the address shown below

#### [pdf] Confidentiality Request Letter

FCC Confidentiality request letter Shenzhen Jooan Technology Co Ltd A6M U Smart Camera 2BBQ4 2BBQ4A6MU a6m u

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lang:en score:17 filesize: 135.75 K page\_count: 2 document date: 2024-03-21



#### [pdf] Test Report

BLE Test Report part 2 Shenzhen Jooan Technology Co Ltd A6M U Smart Camera 2BBQ4 2BBQ4A6MU a6m u

Test Graphs Report No.: DNT240287R0472-0961 DateMarch 15, 2024 BLE\_1M\_Ant1\_Low\_2402 Page47 / 55 BLE\_1M\_Ant1\_High\_2480 BLE\_2M\_Ant1\_Low\_2402 Dongguan DN Testing Co., Ltd. Add: No. 1, West Fourth Street, Xingfa South Road, Wusha Community, Chang an Town, Dongguan City, Guangdong P.R.China Web...

lang:en score:17 filesize: 3.32 M page\_count: 9 document date: 2024-03-21

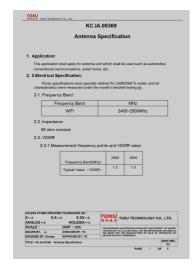
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chnology Co., Ltd. d 6, No.8 , Guissiang Community Square Road, ngbua District, Shenzhen, China [pdf] Decleration of Conformity

FCC Declaration of Disable WLAN Channel 12 and 13 Shenzhen Jooan Technology Co Ltd A6M U Smart Camera 2BBQ4 2BBQ4A6MU a6m u

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lang:en score:17 filesize: 102.85 K page\_count: 1 document date: 2024-03-21



#### [pdf] Specifications

GPS PA 00A Patch Antenna Super User Report Shenzhen Jooan Technology Co Ltd A6M U Smart Camera 2BBQ4 2BBQ4A6MU a6m u

TOXU TECHNOLOGY CO., LTD. KC.IA.00369 Antenna Specification 1. Application: This application shall apply for antenna unit which shall be used such as automotive, conventional communications, smart home, etc.. 2. 2. Electrical Specification: Those specifications were specially defined for customer...

lang:en score:17 filesize: 658.01 K page\_count: 5 document date: 2024-03-21

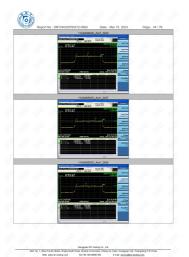


#### [pdf]

Covered Equipment Attestation 2 911 d 5 i and ii Shenzhen Jooan Technology Co Ltd A6M U Smart Camera 2BBQ4 2BBQ4A6MU a6m u

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lang:en score:16 filesize: 94.22 K page\_count: 1 document date: 2024-03-21

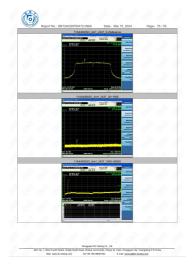


#### [pdf] Test Report

HD 271 S1 Allo 2 4GWIFI AX Test Report part Shenzhen Jooan Technology Co Ltd A6M U Smart Camera 2BBQ4 2BBQ4A6MU a6m u

Report No.: DNT240287R0472-0960 DateMar 15, 2024 11AX40SISO\_Ant1\_2422 Page44 / 76 11AX40SISO\_Ant1\_2437 11AX40SISO\_Ant1\_2452 Dongguan DN Testing Co., Ltd. Add: No. 1, West Fourth Street, Xingfa South Road, Wusha Community, Chang an Town, Dongguan City, Guangdong P.R.China Web: www.dntesting...

lang:tl score:16 filesize: 5.87 M page\_count: 17 document date: 2024-03-21



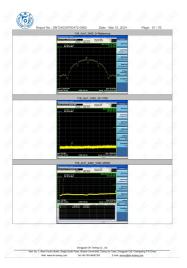
#### [pdf] Test Report

Dongguan City, Guangdong...

HD 271 S1 Allo 2 4GWIFI AX Test Report part 4 Shenzhen Jooan Technology Co Ltd A6M U Smart Camera 2BBQ4 2BBQ4A6MU a6m u

Report No.: DNT240287R0472-0960 DateMar 15, 2024 11AX40SISO\_Ant1\_2437\_0-Reference Page75 / 76 11AX40SISO\_Ant1\_2437\_30-1000 11AX40SISO\_Ant1\_2437\_1000-26500 Dongguan DN Testing Co., Ltd. Add: No. 1, West Fourth Street, Xingfa South Road, Wusha Community, Chang an Town,

lang:tl score:16 filesize: 980.28 K page\_count: 2 document date: 2024-03-21



#### [pdf] Test Report

HD 271 S1 Allo 2 4GWIFI AX Test Report part 3 Shenzhen Jooan Technology Co Ltd A6M U Smart Camera 2BBQ4 2BBQ4A6MU a6m u

Report No.: DNT240287R0472-0960 DateMar 15, 2024 11B\_Ant1\_2462\_0-Reference Page61 / 76 11B\_Ant1\_2462\_30-1000 11B\_Ant1\_2462\_1000-26500 Dongguan DN Testing Co., Ltd. Add: No. 1, West Fourth Street, Xingfa South Road, Wusha Community, Chang an Town, Dongguan City, Guangdong P.R.China Web: www....

lang:tl score:16 filesize: 5.93 M page count: 14 document date: 2024-03-21