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Lunzn YM05

Lunzn YM05 Smart Digital Signage Player Instruction Manual

Model: YM05

1. INTRODUCTION

The Lunzn YM05 is a Smart Digital Signage Player designed to transform standard televisions, monitors, or projectors into dynamic 4K advertising displays. This device offers a robust solution for businesses requiring stable, 24/7 operation for commercial advertising. It features a non-subscription Content Management System (CMS) for remote control and content scheduling, supporting both horizontal and vertical screen orientations.



Image 1.1: The Lunzn YM05 Digital Signage Player with a display showing a restaurant menu.

2. SAFETY INFORMATION

- Ensure the device is placed on a stable, flat surface to prevent accidental falls.
- Do not expose the device to water, moisture, or extreme temperatures.
- Use only the provided power adapter. Using unauthorized adapters may damage the device and void the warranty.
- Avoid blocking ventilation openings to prevent overheating.
- Do not attempt to open or repair the device yourself. Refer all servicing to qualified personnel.
- Keep the device away from strong magnetic fields.

3. PACKAGE CONTENTS

Please check the box for the following items:

- Lunzn YM05 Smart Digital Signage Player
- Power Adapter
- HDMI Cable
- Ethernet Cable
- Remote Control



Image 3.1: Lunzn YM05 Player and included accessories.

4. PRODUCT OVERVIEW

The Lunzn YM05 player is a compact device designed for easy integration into various display setups. Its dimensions are approximately 4.61 x 4.61 x 0.98 inches (117 x 117 x 25 mm) and it weighs about 8.8 ounces (0.25 kg).

4.1 Ports and Connections

The device features several ports for connectivity and power:

- **Power Input:** Connects to the provided power adapter.

- **Ethernet Port:** For wired network connection, ensuring stable data flow.
- **HDMI Output:** Connects to your TV, monitor, or projector for 4K video output.
- **AV Output:** For connecting to legacy TVs or displays.
- **USB 1 & USB 2 Ports:** For connecting USB storage devices for local content playback.
- **Power Switch:** To turn the device on or off.



Image 4.1: Rear view of the Lunzn YM05 Player showing connectivity ports.



Image 4.2: Detailed diagram of Lunzn YM05 ports.

5. SETUP INSTRUCTIONS

Follow these steps to set up your Lunzn YM05 Digital Signage Player:

1. **Connect to Display:** Connect the YM05 player to your TV, monitor, or projector using the HDMI cable. If using an older display, use the AV output.
2. **Connect Power:** Plug the power adapter into the DC input port on the player, then plug the adapter into a power outlet.
3. **Network Connection:**
 - **Wired:** Connect an Ethernet cable from your router or network switch to the Ethernet port on the player.
 - **Wireless:** Once powered on, navigate to the network settings on the player's interface to connect to your Wi-Fi network.
4. **Initial Boot-up:** Turn on the player using the power switch. The device will boot up and display its interface on your connected screen.

5. Content Management System (CMS) Setup:

- Access the CMS website: <https://op2us.aihmong.com>.
- Register an account using the player's serial number (SN). This ensures privacy and control over your device.
- Follow the on-screen instructions within the CMS to configure your content and schedules.

6. **Local Content Playback (Optional):** Insert a USB drive containing your media files into one of the USB ports. The player can be configured to automatically play content from the USB drive.



Image 5.1: Three-step advertising deployment process.

6. OPERATING INSTRUCTIONS

6.1 Content Management System (CMS)

The Lunzn YM05 utilizes a non-subscription cloud-based CMS for managing your digital signage content. This system is hosted on a local server in the US for faster performance.

- **Account Registration:** Register your CMS account using the player's unique serial number.
- **Content Upload:** Upload your images and videos to the CMS.
- **Template Usage:** Utilize existing templates for quick ad creation and publishing.

New upgrade CMS, Same price

- Faster—US server
- Saver—regist by yourself
- Easier—multi templates
- Better—more functions
- Steadier—self-developed software

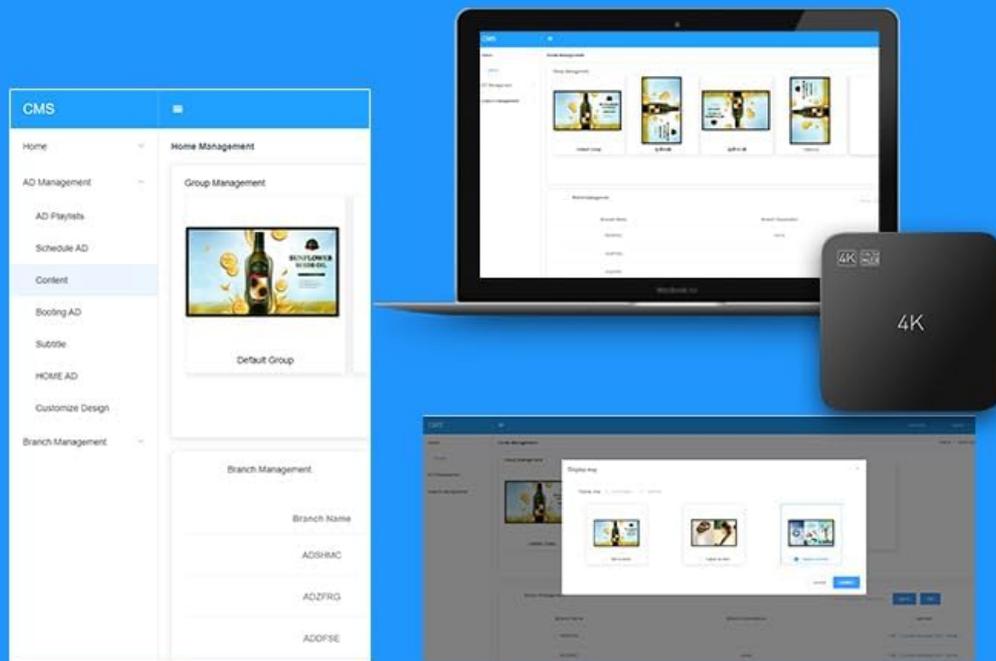


Image 6.1: Overview of the CMS features and interface.

Existing template One-key publish AD

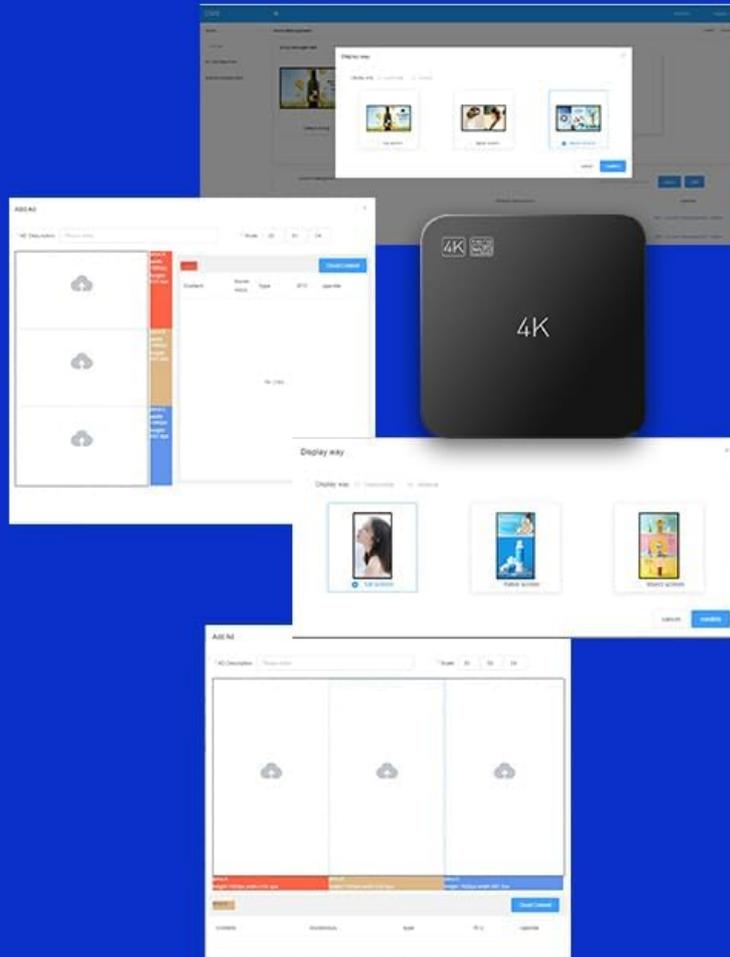


Image 6.2: CMS interface showing content templates and publishing options.

6.2 Remote Control and Central Management

The CMS allows for comprehensive remote control of all connected players, even across different locations.

- **Group Management:** Create different groups for players in various locations.
- **Targeted Publishing:** Publish advertisements to an entire group or to individual players directly.
- **Remote Access:** Control players remotely from any location by logging into the CMS.

Make Different Advertisement In Different Place

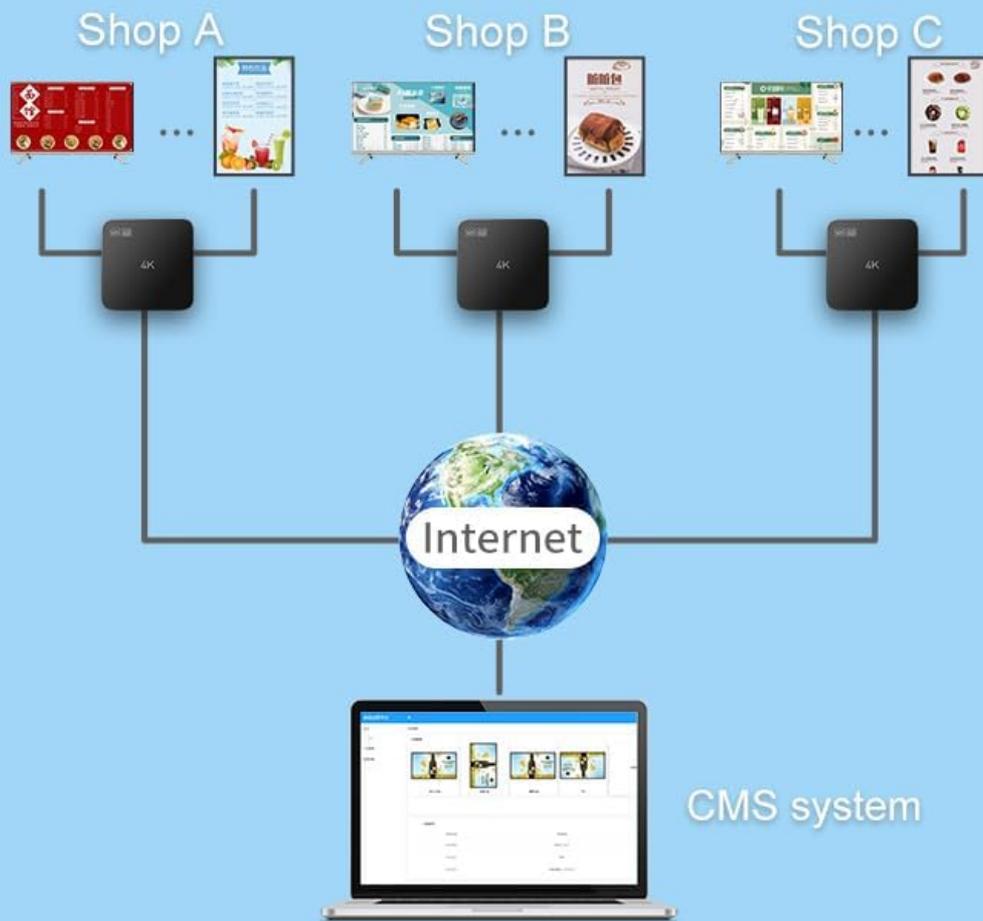


Image 6.3: Centralized management of multiple players in different locations.

Remote Control In Different Cities



Image 6.4: Remote control capabilities across different cities/countries.

6.3 Content Scheduling and Display Options

- **Schedule Ads:** Set specific times for different advertisements to play throughout the day or week.
- **Automatic On/Off:** Configure the player to automatically power on and off at predetermined times (e.g., turn on at 7:00 and off at 23:00 daily).
- **Horizontal & Vertical Display:** Rotate ad pictures and videos freely to suit both horizontal and vertical screen orientations.

Set up schedule AD freely

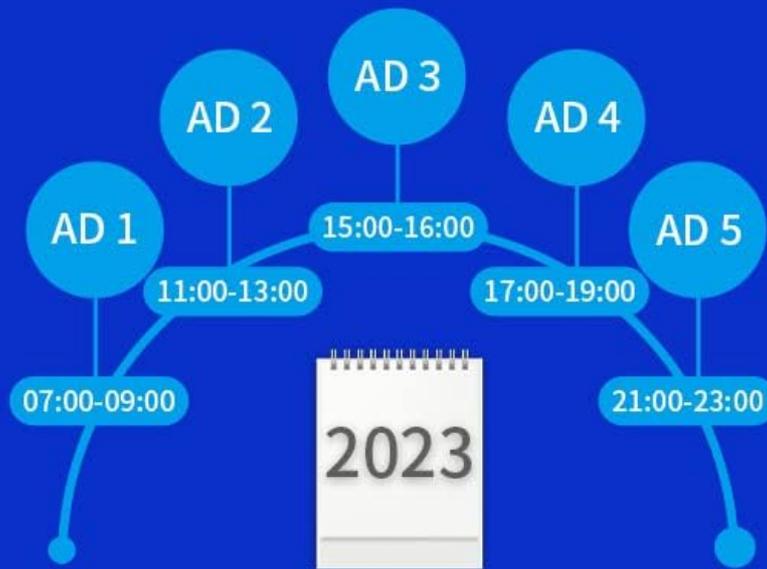


Image 6.5: Example of scheduled advertisement playback.

startup/shutdown automatically



Image 6.6: Automatic startup and shutdown functionality.

6.4 USB Playback

The player supports automatic playback of videos and images directly from a connected USB storage device.

Play Videos In USB Autoly



Image 6.7: USB port for local content playback.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use liquid cleaners or aerosols.
- **Software Updates:** Periodically check the CMS or manufacturer's website for any available firmware or software updates to ensure optimal performance and security.
- **Storage:** If storing the device for an extended period, disconnect it from power and store it in a cool, dry place.

8. TROUBLESHOOTING

- **No Display Output:**
 - Ensure all cables (HDMI/AV, power) are securely connected.
 - Verify the display is set to the correct input source.
 - Try a different HDMI/AV cable or display.

- **CMS Content Not Displaying:**

- Check your internet connection on the player.
- Ensure the content URLs in the CMS start with `http://` (not `https://` if experiencing issues, as some systems might require this specific format).
- Verify that the content has been successfully published and scheduled within the CMS.
- Confirm the player's serial number is correctly registered in the CMS.

- **4K Resolution Issues (e.g., Black Frame):**

- Ensure your display supports 4K resolution and is configured correctly.
- Check the display settings on the player's interface to ensure 4K output is selected and scaled appropriately for your screen.
- Some displays may require specific settings adjustments to properly fit the 4K signal.

- **Remote Control Not Responding:**

- Ensure the remote control has fresh batteries.
- Point the remote directly at the player's IR receiver.

9. SPECIFICATIONS

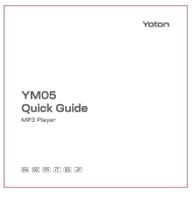
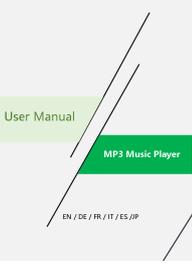
Feature	Specification
Brand	Lunzn
Model Name	YM05
Item Weight	8.8 ounces (0.25 Kilograms)
Product Dimensions	4.61 x 4.61 x 0.98 inches
Connectivity Technology	Ethernet, Wi-Fi
Resolution	4K
Supported Internet Services	Netflix
Controller Type	Remote Control
Form Factor	TV Box
RAM Memory Installed Size	8 GB

10. SUPPORT

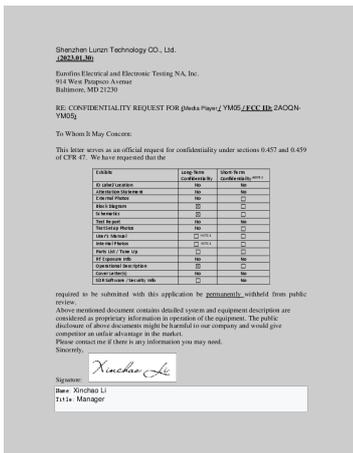
For technical assistance or further inquiries, please refer to the official CMS help page or contact Lunzn customer support.

- **CMS Help Page:** The CMS website (<https://op2us.aihmong.com>) contains demo videos and guides that can assist with setup and operation.
- **Customer Service:** Refer to your product packaging or purchase documentation for specific customer service contact information.

Related Documents - YM05

	<p>Yoton YM05 MP3 Player Quick Guide</p> <p>Concise quick start guide for the Yoton YM05 MP3 Player, covering package contents, product features, setup, file transfer, warranty, and FAQs. Learn how to use your Yoton MP3 player effectively.</p>
	<p>MP3 Music Player User Manual</p> <p>Comprehensive user manual for the MP3 Music Player, covering specifications, charging, file transfer, operating instructions, device features, and FAQs. Available in multiple languages including English, German, French, Italian, Spanish, and Japanese.</p>

Documents - Lunzn – YM05



[\[pdf\]](#) Confidentiality Request Letter

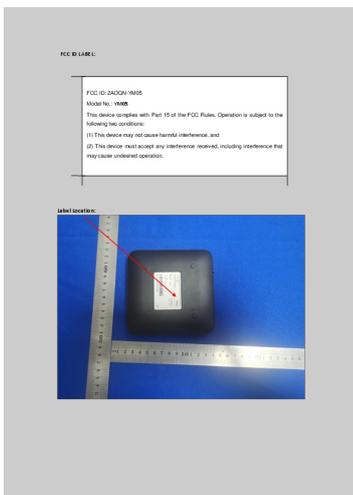
Please produce a letter on your company letterhead with the following information Administrator MET LABORATORIES FCC Long Term Confidentiality Letter Shenzhen Lunzn Technology CO Ltd YM05 Media Player 2AOQN 2AOQNYM05 ym05

Shenzhen Lunzn Technology CO., Ltd. 2023.01.30 Eurofins Electrical and Electronic Testing NA, Inc. 914 West Patapsco Avenue Baltimore, MD 21230 RE:

CONFIDENTIALITY REQUEST FOR Media Player / **YM05** / FCC ID: 2AOQNYM05

To Whom It May Concern: This letter serves as an official request for confide...

lang:en score:36 filesize: 97.2 K page_count: 1 document date: 2023-01-31

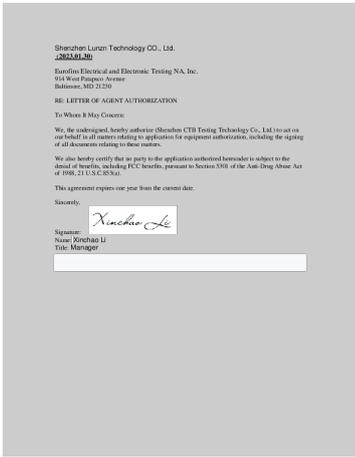


[\[pdf\]](#) Label

Administrator Label and Locations Shenzhen Lunzn Technology CO Ltd YM05 Media Player 2AOQN 2AOQNYM05 ym05

FCC ID LABEL: FCC ID: 2AOQN-**YM05** Model No.: **YM05** This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: 1 This device may not cause harmful interference, and 2 This device must accept any interference received, including interference that may ca...

lang:en score:29 filesize: 309.21 K page_count: 1 document date: 2023-01-30

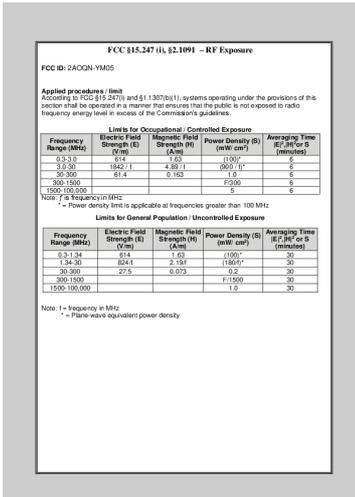


[pdf] Agent Authorization

Date Administrator MET LABORATORIES FCC Agent Authorization Shenzhen Lunzn Technology CO Ltd YM05 Media Player 2AOQN 2AOQNYM05 ym05

Shenzhen Lunzn Technology CO., Ltd. 2023.01.30 Eurofins Electrical and Electronic Testing NA, Inc. 914 West Patapsco Avenue Baltimore, MD 21230 RE: LETTER OF AGENT AUTHORIZATION To Whom It May Concern: We, the undersigned, hereby authorize Shenzhen CTB Testing Technology Co., Ltd. to act on our ...

lang:en score:27 filesize: 39.7 K page_count: 1 document date: 2023-01-31



[pdf] SAR Rating

tom MPE Report Shenzhen Lunzn Technology CO Ltd YM05 Media Player 2AOQN 2AOQNYM05 ym05 FCC 15.247 i , 2.1091 RF Exposure FCC ID: 2AOQN-YM05 Applied procedures / limit According to FCC 15.247 i and 1.1307 b 1 , systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess o...

lang:en score:27 filesize: 253.56 K page_count: 2 document date: 2023-01-30



[pdf] User Manual

User Manual Shenzhen Lunzn Technology CO Ltd YM05 Media Player 2AOQN 2AOQNYM05 ym05

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lang:en score:25 filesize: 132.23 K page_count: 1 document date: 2023-01-30

[pdf] Specifications Test Report

Antenna Specification Shenzhen Lunzn Technology CO Ltd YM05 Media Player 2AOQN 2AOQNYM05 ym05

Antenna test report customer Arashi Frequency band Antenna engineer Dual-band 2.4G/5G Liu Yunhai project version date V1.0 2020.03.10 1 1. Test equipment Vector network analyzer Dark room tester Agilent E5071B OTA-500 Liu Yunhai 2 2. Matching circuit RF CONNECT The match has not chang...

lang:tl score:17 filesize: 316.78 K page_count: 7 document date: 2023-01-30

Antenna test report

customer	Arashi	project	
Frequency band	Dual-band 2.4G/5G	version	V1.0
Antenna engineer	Liu Yunhai	date	2020.03.10

TEST REPORT

Product Name: Media Player
 FCC ID: 2A0QN-YM05
 Trademark: Lunzn
 Model Number: Y305
 Prepared For: Shenzhen Lunzn Technology CO., Ltd.
 Address: Room005, Gangqun Development Building, No. 133 Xuegang North Road, Baoan Street, Longgang District, Shenzhen, China
 Manufacturer: Shenzhen Lunzn Technology CO., Ltd.
 Address: Room005, Gangqun Development Building, No. 133 Xuegang North Road, Baoan Street, Longgang District, Shenzhen, China
 Prepared By: Shenzhen CTB Testing Technology Co., Ltd.
 Address: 1637F, Building A, No.20, Xixue Road, Xixiao, Xixiao Street, Baoan District, Shenzhen, Guangdong, China
 Sample Received Date: Jan. 05, 2023
 Sample tested Date: Jan. 05, 2023 to Jan. 11, 2023
 Issue Date: Jan. 11, 2023
 Report No.: CTB2301001489X
 Test Standards: 47 CFR Part 15 Subpart E
 Test Results: PASS
 Remarks: This is WIFI-5GHz band radio test report.

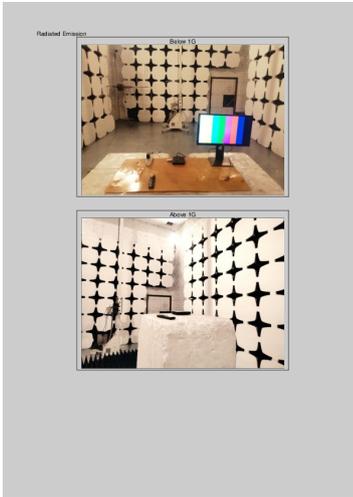
Completed by: *Chen Zhen*
 Reviewed by: *Arnon Liu*
 Approved by: *Bin Mao* (Director)

Note: If there is any objection to the inspection results in this report, please submit a written report to the company within 15 days from the date of receiving the report. This result is effective only with the signature and specialized stamp. This result is shown in this report only to the sample tested. Without written approval of Shenzhen CTB Testing Technology Co., Ltd., this report can't be reproduced except in full. The items identified and the sample information are provided by the client. Otherwise, the testing items were fulfilled by subcontracted unit. "R" indicates the items are not in CNAS accreditation scope.

[pdf] Test Report

55013 Jade Test Report 1 Shenzhen Lunzn Technology CO Ltd YM05 2A0QN 2A0QNYM05 ym05

lang:tl score:17 filesize: 2.59 M page_count: 48 document date: 2023-01-31



[pdf] Product Photos

55013 Jade Test Setup Photos Shenzhen Lunzn Technology CO Ltd YM05 2A0QN 2A0QNYM05 ym05
 Radiated Emission Below 1G Above 1G Conducted emissions ...

lang:tl score:17 filesize: 217.55 K page_count: 2 document date: 2023-01-30

10-4 Test Results

Test mode	Test Channel	20dB Bandwidth
AHT 1	5180	21.265
	5200	18.962
	5220	21.789
	5240	21.120
802.11a20	5180	24.732
	5200	25.873
	5240	21.822
	5260	21.811
802.11a40	5180	41.775
	5200	40.472
802.11a80	5180	24.118
	5200	20.368
	5240	21.749
	5260	20.721
802.11a160	5180	47.559
	5200	45.025
AHT 2	5180	19.893
	5200	21.774
	5240	21.693
	5260	21.452
802.11a20	5180	21.859
	5200	20.395
802.11a40	5180	41.913
	5200	40.395
802.11a80	5180	21.255
	5200	21.239
	5240	21.874
	5260	21.874
802.11a160	5180	47.559
	5200	45.025

[pdf] Test Report

55013 Jade Test Report 2 Shenzhen Lunzn Technology CO Ltd YM05 2A0QN 2A0QNYM05 ym05

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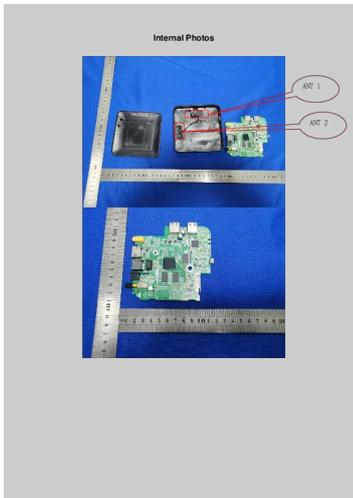


[pdf] Product Photos

55013 Jade External Photos Shenzhen Lunzn Technology CO Ltd YM05 Media Player 2AOQN
2AOQNYM05 ym05

External Photos ...

lang:tl score:16 filesize: 809.98 K page_count: 5 document date: 2023-01-30



[pdf] Product Photos Teardown

55013 Jade BCTC Internal Photos Shenzhen Lunzn Technology CO Ltd YM05 Media Player 2AOQN
2AOQNYM05 ym05

Internal Photos ANT 1 ANT 2 ...

lang:tl score:16 filesize: 314.26 K page_count: 2 document date: 2023-01-30



[pdf] Test Report

55013 Jade BCTC Test Report Shenzhen Lunzn Technology CO Ltd YM05 Media Player 2AOQN
2AOQNYM05 ym05

...

lang:tl score:16 filesize: 3.02 M page_count: 82 document date: 2023-01-31

