

Renkchip Renkchip

Renkchip Wireless HDMI Display Adapter User Manual

Model: Renkchip

INTRODUCTION

Thank you for choosing the Renkchip Wireless HDMI Display Adapter. This device allows you to effortlessly mirror the screen of your mobile phones, tablets, or laptops to a larger display such as a TV, monitor, or projector, providing a seamless 1080P/60Hz real-time transmission experience. Designed for simplicity, it requires no apps, drivers, or complex software setup, making it truly plug-and-play.

IMPORTANT SAFETY INFORMATION

Please read and follow all safety instructions carefully before using this product to ensure safe operation and prevent damage.

- Keep the device away from water, moisture, and extreme temperatures.
- Do not attempt to disassemble or repair the device yourself. Refer all servicing to qualified personnel.
- Use only the provided power cable (5V/1A) to power the device.
- Ensure proper ventilation around the device during operation.

PACKAGE CONTENTS

Verify that all items are present in your package:

- Renkchip Wireless HDMI Display Adapter
- USB Power Cable (5V/1A)
- HDMI Cable
- AV Cable
- User Manual (this document)

PRODUCT OVERVIEW

The Renkchip Wireless HDMI Display Adapter is a compact device designed for easy screen mirroring. Below are its key components and dimensions.



Image: The Renkchip Wireless HDMI Display Adapter, a black square device with an antenna, designed for wireless display.

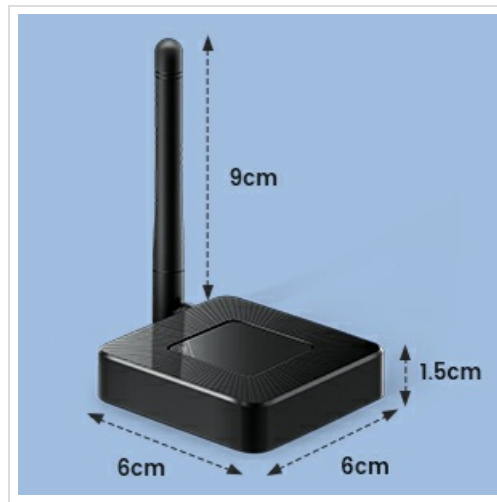


Image: Diagram showing the dimensions of the Renkchip Wireless HDMI Display Adapter: 6cm x 6cm base, 1.5cm height, and 9cm antenna height.

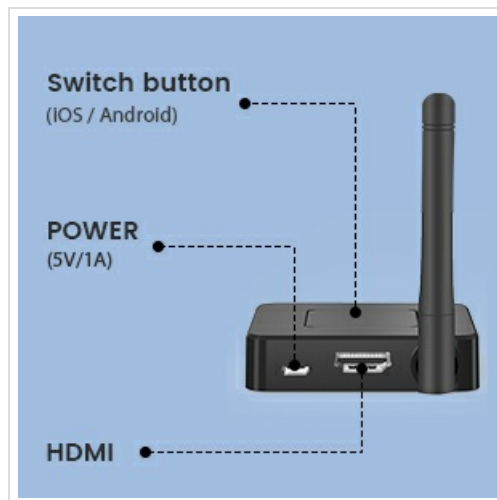


Image: Close-up of the Renkchip Wireless HDMI Display Adapter's ports, indicating the Switch button (for iOS/Android mode), POWER (5V/1A) input, and HDMI output.

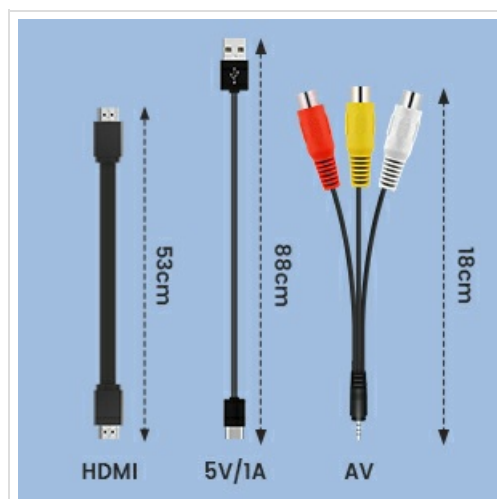


Image: Illustration of the included cables: an HDMI cable (53cm), a 5V/1A USB power cable (88cm), and an AV cable (18cm).

SETUP GUIDE

Follow these steps to set up your Renkchip Wireless HDMI Display Adapter:

1. **Connect to Display:** Plug the HDMI cable from the Renkchip adapter into an available HDMI port on your TV, monitor, or projector.

2. **Power On:** Connect the USB power cable to the adapter's POWER (5V/1A) port and plug the other end into a USB power source (e.g., a USB wall adapter or a USB port on your display device). Ensure the device receives stable power.
3. **Select Input:** On your display device, switch the input source to the HDMI port where the Renkchip adapter is connected. You should see the adapter's standby screen.
4. **Choose Mode (iOS/Android):** The adapter has a switch button to toggle between iOS and Android modes. Press this button to select the appropriate mode for your source device. The standby screen will indicate the current mode.

OUR'S



One-click to connect
without setup



NO SETUP REQUIRED

OTHER'S

Requires cumbersome setup



STEP 1:



STEP 2:



STEP 3:



STEP

Image: A visual representation of the plug-and-play setup, showing the Renkchip adapter connected to a TV via HDMI and powered by a USB adapter, ready to receive signals from various mobile devices and laptops.

OPERATING INSTRUCTIONS

Screen Mirroring (Plug and Play)

The Renkchip adapter is designed for one-click connection without complex setup. Ensure the adapter is powered on and connected to your display.

The advertisement features a central image of the Renkchip adapter, a small black rectangular device with a USB-A port on one side and a USB-C port on the other. A black cable connects the USB-A port to a white power source, and another black cable connects the USB-C port to a large television. The television displays a vibrant landscape of snow-capped mountains and a green valley with grazing animals. To the left of the adapter, a blue banner reads "One-click to connect" and "PLUG AND PLAY" in large, bold, white letters. Below this, it states "No need to install any settings or software, No additional action is required." and "1080P / 60Hz" in a purple oval. At the bottom, a wireless signal icon is shown above a laptop and two smartphones, all displaying the same mountain landscape, illustrating the screen mirroring functionality.

One-click to connect

PLUG AND PLAY

No need to install any settings
or software,
No additional action is required.

1080P / 60Hz

Image: A family watching a movie mirrored from a mobile phone to a large TV screen using the Renkchip Wireless HDMI Display Adapter, illustrating the mirror mode functionality.

For iOS Devices (iPhone/iPad):

1. Ensure the adapter is in iOS mode (check the display screen).
2. On your iOS device, swipe down from the top-right corner (or up from the bottom for older models) to open Control Center.
3. Tap on "Screen Mirroring" or "AirPlay Mirroring".
4. Select "Renkchip-XXXX" from the list of available devices. Your screen will now be mirrored.

For Android Devices:

1. Ensure the adapter is in Android mode (check the display screen).
2. On your Android device, navigate to "Settings" and look for "Wireless Display", "Cast", "Smart View", "Screen Mirroring", or similar options. The exact name may vary by device manufacturer.
3. Enable the feature and select "Renkchip-XXXX" from the list of detected devices. Your screen will now be mirrored.

For Windows Devices:

1. On your Windows laptop or desktop, press the **Windows key + P** simultaneously.
2. Select "Connect to a wireless display".
3. Choose "Renkchip-XXXX" from the list of available devices.

For MacOS Devices:

1. On your Mac, click the AirPlay icon in the menu bar (it looks like a rectangle with an upward-pointing arrow).
2. Select "Renkchip-XXXX" from the AirPlay menu.

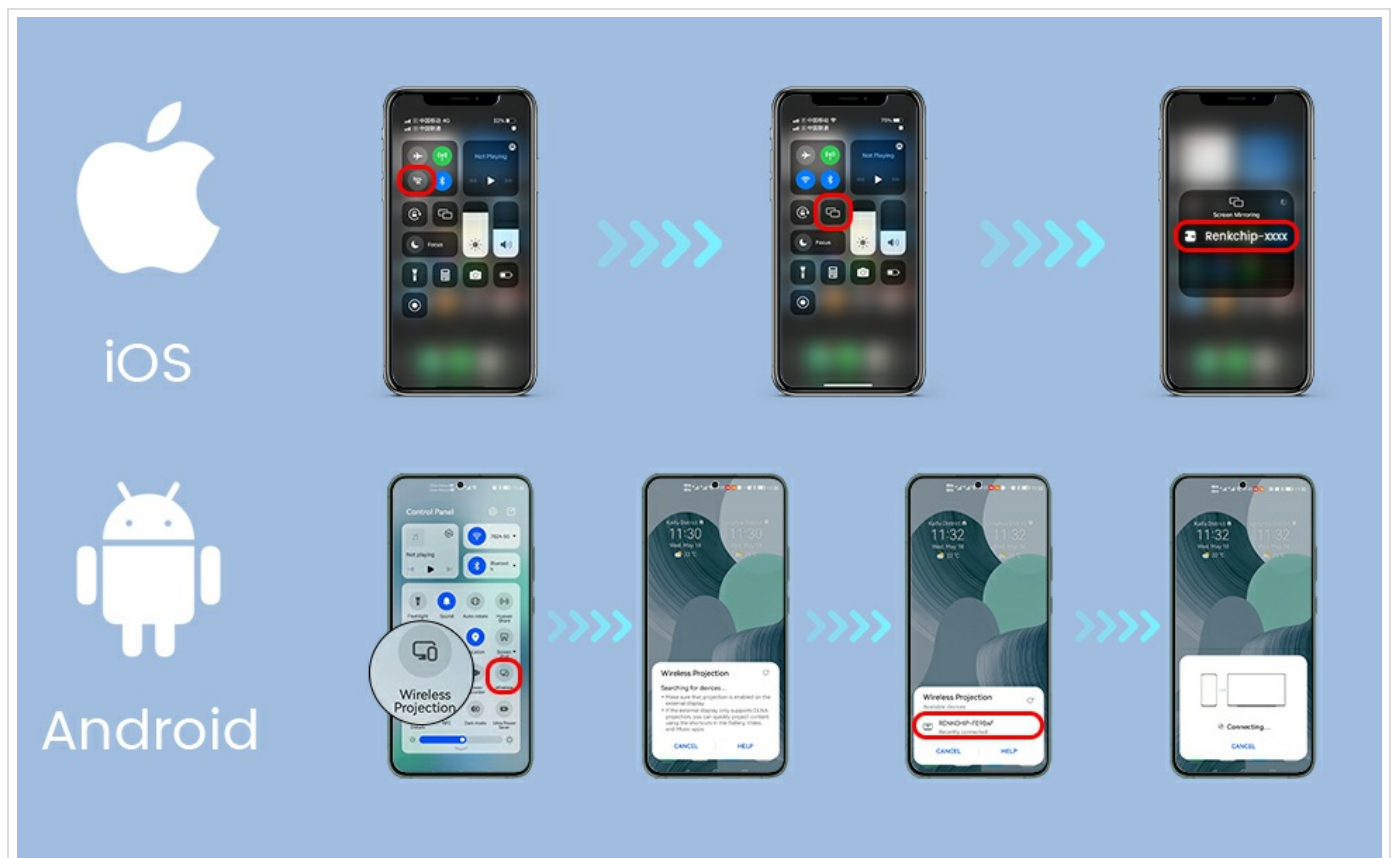


Image: A diagram illustrating the wide compatibility of the Renkchip adapter, showing connections from Android phones, Windows laptops, iPhones, iPads, and MacBooks to TVs, monitors, and projectors.



Image: Step-by-step visual guide for connecting iOS and Android devices to the Renkchip adapter, showing the process of accessing screen mirroring/wireless projection settings and selecting the device.



Image: Step-by-step visual guide for connecting MacOS and Windows devices to the Renkchip adapter, demonstrating the AirPlay menu for Mac and the Windows+P shortcut for Windows to connect to a wireless display.

DLNA Function (Advanced)

The Renkchip Wireless Display Adapter also supports DLNA for more advanced streaming needs. To use DLNA, the

device needs to be connected to your home Wi-Fi network.

Setting up Network Connection for DLNA:

1. Ensure the adapter is in Android/Windows system dedicated mode (check the display screen).
2. On your phone, open Wi-Fi settings and find the "Renkchip-XXXX" hotspot. Connect to it using the password: **12345678**.
3. Once connected, open your phone's web browser and enter the URL **192.168.49.1**. Press "Enter".
4. On the webpage, click "SCAN" and wait for your phone to search for surrounding router hotspots.
5. Select your router's name from the list and enter your router's Wi-Fi password.
6. Wait for a moment for the device to complete the network connection. The adapter will automatically connect to this Wi-Fi network in the future after being powered on.

***Note:** For optimal performance, connect the device to a 5G Wi-Fi network if available.*

Using DLNA Function:

After the adapter is connected to your Wi-Fi network:

1. Open an audio or video application on your mobile phone (e.g., YouTube, a media player).
2. Select the content you wish to play.
3. While the content is playing, look for the DLNA/Airplay screen projection button (often in the upper right corner of the video player).
4. Tap the button and select "Renkchip-XXXX" to stream the content via DLNA/Airplay.

Screen Orientation (Flip the Screen)

When the wireless HDMI adapter is successfully mirrored to a large screen, you can switch the screen orientation between landscape and portrait modes using the switch button on the device. This feature is useful for various scenarios, such as webcasting or game recording.

Business and Presentation Use

The Renkchip Wireless HDMI Display Adapter is ideal for business meetings and presentations, allowing for easy projection of documents and content to a large screen.



Image: A business meeting scenario where a laptop screen is wirelessly projected onto a large screen using the Renkchip Wireless HDMI Display Adapter, facilitating easy display of documents and presentations.

COMPATIBILITY

The Renkchip Wireless HDMI Display Adapter offers broad compatibility with various devices and display types:

- **Operating Systems:** iOS, MacOS, Android, Windows, HarmonyOS.
- **Source Devices:** Mobile phones, tablets, laptops, desktop computers.
- **Display Devices:** Televisions, monitors, projectors.

Important Note on Content Protection:

Due to copyright protection protocols (HDCP), this device **DOES NOT SUPPORT** mirroring content from applications such as Netflix, Amazon Video, HULU, Prime Video, Sky Go, iTunes, Comcast TV, Xfinity, HBO Go, DIRECTV, and other apps that require paid subscriptions or have strict content protection measures.

WIDELY COMPATIBLE



Video
projection



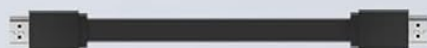
Conference
screen



live
screencast



Attend
class



HDMI



Wireless
transmission



TV



MONITOR



PROJECTOR



Android



windows



iPhone



iPad



MacBook

Image: A visual guide showing applications that work with the Renkchip adapter (e.g., Chrome, Spotify, Office, YouTube) and those that are not supported due to HDCP (e.g., Amazon, Hulu, Netflix).

MAINTENANCE

To ensure the longevity and optimal performance of your Renkchip Wireless HDMI Display Adapter, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use liquid cleaners or aerosols.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place away from direct sunlight.
- **Handling:** Avoid dropping or subjecting the device to strong impacts.

TROUBLESHOOTING

If you encounter issues with your Renkchip Wireless HDMI Display Adapter, refer to the following common problems and solutions:

| Problem | Possible Cause | Solution |
|--|---|--|
| No display on screen. | Incorrect HDMI input selected; insufficient power; loose cable connection. | Ensure your display is set to the correct HDMI input. Check that the USB power cable is securely connected and the adapter is receiving sufficient power (5V/1A). Reconnect HDMI cable. |
| Screen mirroring is laggy or choppy. | Interference from other wireless devices; distance from adapter; low signal strength. | Reduce distance between source device and adapter. Minimize interference from other Wi-Fi devices. Ensure your source device has a strong Wi-Fi signal. For DLNA, connect to a 5G Wi-Fi network if possible. |
| Cannot find "Renkchip-XXXX" in mirroring options. | Adapter not powered on; incorrect mode selected (iOS/Android); device not discoverable. | Verify the adapter is powered on and its standby screen is visible. Press the switch button to ensure the correct iOS or Android mode is selected. Restart both the adapter and your source device. |
| Cannot mirror certain apps (e.g., Netflix, Prime Video). | Content protection (HDCP) restrictions. | This is expected behavior. The adapter does not support content from apps with HDCP protocols due to copyright protection. |
| DLNA function not working. | Adapter not connected to home Wi-Fi; incorrect DLNA setup steps. | Ensure the adapter is successfully connected to your home Wi-Fi network via the 192.168.49.1 setup page. Verify your phone is on the same Wi-Fi network as the adapter. |

SPECIFICATIONS

Detailed technical specifications for the Renkchip Wireless HDMI Display Adapter:

- **Brand:** Renkchip
- **Model Number:** Renkchip
- **ASIN:** B0BJ29QLYG
- **UPC:** 726361401453
- **Resolution:** 1080P/60Hz
- **Connectivity:** Wireless (Wi-Fi), HDMI, USB (for power)
- **Compatible Operating Systems:** Android, iOS, Windows, MacOS, HarmonyOS
- **Power Input:** 5V/1A
- **Item Weight:** 5 ounces

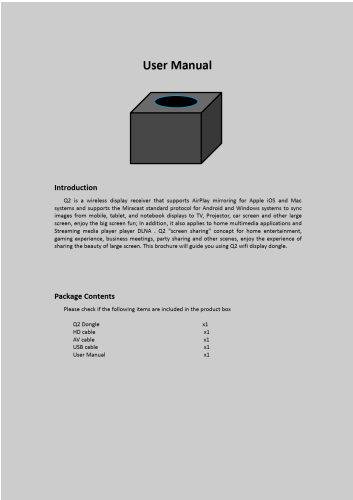
- **Package Dimensions:** 7.87 x 3.82 x 0.91 inches
- **First Available Date:** June 29, 2022

WARRANTY AND SUPPORT

Renkchip products are designed for reliability and performance. For any questions, technical support, or warranty inquiries, please refer to the contact information provided with your purchase or visit the official Renkchip website. Please retain your proof of purchase for warranty claims.

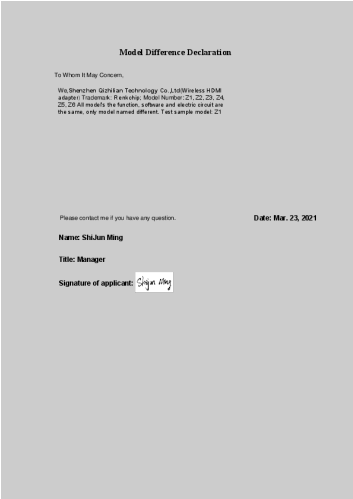
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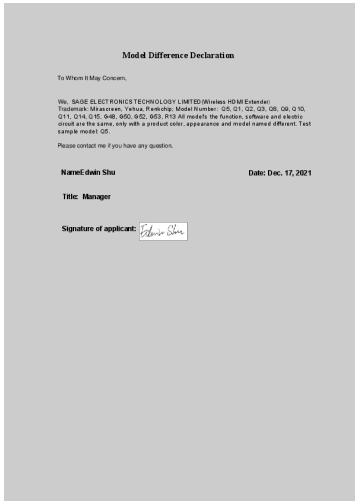
[\[pdf\]](#) User Manual Guide Borchure

Administrator User Manual Introduction Q2 is a wireless display receiver that supports AirPlay mirroring for Apple iOS and Mac systems the Miracast standard protocol Android 91ajn3ylfFL m media amazon images l
User Manual Introduction Q2 is a wireless display receiver that supports AirPlay mirroring for Appl ... tch Miracst and Airplay / DLNA mode 2.2Open the phone settings WI-FI, find the same device signal **RENKCHIP- *******, enter the password 12345678 connected with the Q2 dongle. 2.3To ensure that the ph...
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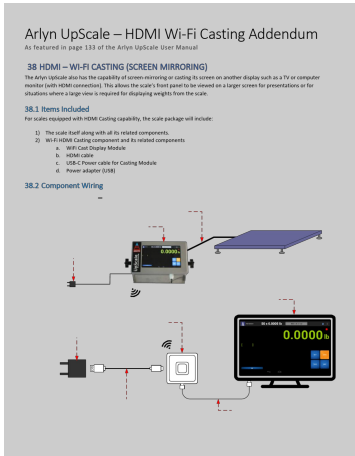
[\[pdf\]](#) Decleration of Conformity

Microsoft Word Product Declaration Administrator Model Difference Shenzhen Qizhilian Technology Co Ltd Z1 Wireless HDMI adapter 2AZDX 2AZDXZ1 z1
Model Difference Declaration To Whom It May Concern, We,Shenzhen Qizhilian Technology Co.,Ltd Wireless HDMI adapter Trademark: **Renkchip**; Model Number: Z1, Z2, Z3, Z4, Z5, Z6 All model s the function, software and electric circuit are the same, only model named different. Test sample model: Z1 Plea...
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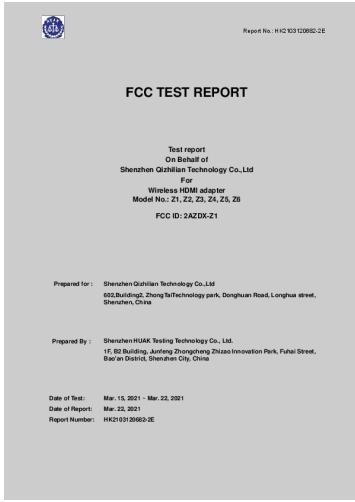
[pdf] Declaration of Conformity

Microsoft Word Product Declaration Administrator Model Difference SAGE ELECTRONICS TECHNOLOGY LIMITED Q5 Wireless HDMI Extender 2AGM8 2AGM8Q5 q5 Model Difference Declaration To Whom It May Concern, We, SAGE ELECTRONICS TECHNOLOGY LIMITED Wireless HDMI Extender Trademark: Mirascreen, Yehua, **Renkchip**; Model Number: Q5, Q1, Q2, Q3, Q8, Q9, Q10, Q11, Q14, Q15, G48, G50, G52, G53, R13 All model s the function, software and electric circuit are t... score:24 filesize: 2.67 M page_count: 1 document date: 2021-12-17



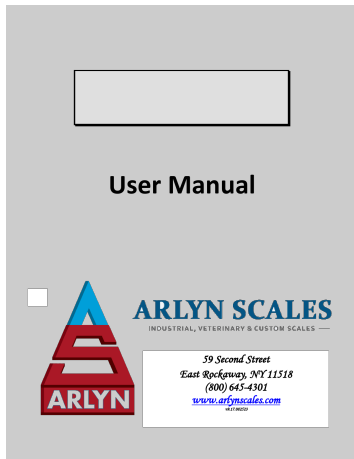
[pdf] User Manual Instructions

Murtaza Karim Arlyn UpScale HDMI Wi Fi Casting Addendum 5 days ago — USB C Power cable for Module d adapter 38 2 Component Wiring PLATFORM ARLYN UPSCALE WIFI CAST WIRING Platform Cable WiFi arlynscales 2023 10 ||| Arlyn UpScale HDMI Wi-Fi Casting Addendum As featured in page 133 of the Arlyn UpScale User Manual ... iFi Cast Display Module at factory so it should appear as a list item in this screen. 6 Press the **Renkchip**-1575 selection on this screen to begin the connection process. Once the connection process... score:22 filesize: 365.19 K page_count: 4 document date: 2023-10-03



[pdf] Test Report

Microsoft Word Z1 FCC ID 15 407 Test Report 5 8GWiFi Administrator Shenzhen Qizhilian Technology Co Ltd Wireless HDMI adapter 2AZDX 2AZDXZ1 z1 Report No.: HK2103120682-2E FCC TEST REPORT Test report On Behalf of Shenzhen Qizhilian Technology C ... aiTechnology park, Donghuan Road, Longhua street, Shenzhen, China Product description Trade Mark: **Renkchip** Product name..... : Wireless HDMI adapter Model and/or type refere... score:16 filesize: 2.44 M page_count: 61 document date: 2021-03-25

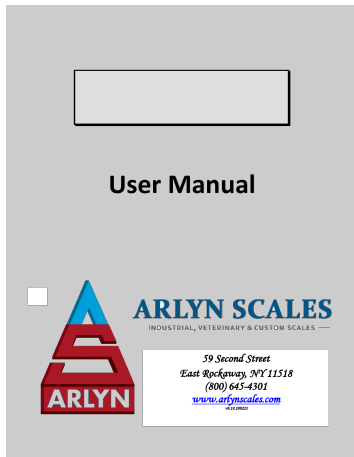


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Arlyn UpScale User Manual Scales Touchscreen karim@arlyn scales Congratulations on your purchase of an Digital Scale This offers a combination versatility accuracy and simplicity in UserManual arlyn scales 2023 08 |||

Arlyn UpScale 3200, 325D, 6200, 5-XXXX SAW Series User Manual 59 Second Street East Rockaway, NY 1 ... iFi Cast Display Module at factory so it should appear as a list item in this screen. 6 Press the **Renkchip**-1575 selection on this screen to begin the connection process. Once the connection process...

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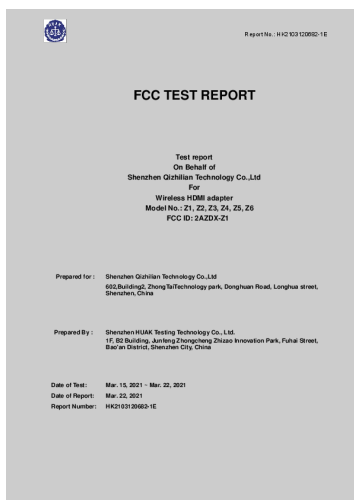


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Arlyn UpScale User Manual Scales Touchscreen karim@arlyn scales 10 hours ago — This is sufficient to drive LEDs or sound buzzers If higher output currents bar will bring up a the Add New Field dialog Name Enter UserManual arlyn scales 2023 |||

Arlyn UpScale 3200, 325D, 6200, 5-XXXX SAW Series User Manual 59 Second Street East Rockaway, NY 1 ... iFi Cast Display Module at factory so it should appear as a list item in this screen. 6 Press the **Renkchip**-1575 selection on this screen to begin the connection process. Once the connection process...

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[\[pdf\]](#) Test Report

Microsoft Word Z1 FCC ID 15 247 test report 2 4G WiFi Administrator Shenzhen Qizhilian Technology Co Ltd Wireless HDMI adapter 2AZDX 2AZDXZ1 z1

Report No.: HK2103120682-1E FCC TEST REPORT Test report On Behalf of Shenzhen Qizhilian Technology ... iTechnology park, Donghuan Road, Longhua street, Shenzhen, China Product description Trade Mark: **Renkchip** Product name..... : Wireless HDMI adapter Model and/or type refere...

score:10 filesize: 4.74 M page_count: 69 document date: 2021-03-25