

ShanWan Q38

ShanWan Q38 Wireless Bluetooth Controller User Manual

Model: Q38



1. PRODUCT OVERVIEW

The ShanWan Q38 is a versatile wireless Bluetooth controller designed for a wide range of gaming platforms. It features advanced controls such as Hall Effect joysticks and micro-switch buttons for enhanced precision and responsiveness.



Image 1.1: Top-down view of the ShanWan Q38 Wireless Bluetooth Controller, showcasing its compact design and button layout.

2. PACKAGE CONTENTS

Please ensure all items are present in the package:

- ShanWan Q38 Wireless Bluetooth Controller
- USB Charging Cable
- User Manual (this document)
- 1 AAA Battery (pre-installed or included separately)

3. SETUP AND CONNECTIVITY

3.1 Charging the Controller

Before initial use, ensure the controller is sufficiently charged. Connect the provided USB charging cable to the controller's charging port and to a USB power source (e.g., computer, USB wall adapter). The LED indicator will

show charging status.

3.2 Compatibility

The ShanWan Q38 controller is compatible with the following platforms:

- Nintendo Switch / Switch 2 (firmware upgrade may be required for Switch 2)
- Steam Deck
- PC (Windows)
- Android devices (phones, tablets)
- iPhone
- iPad
- macOS devices
- PS4 (as indicated by mode switch, specific compatibility may vary)



Image 3.1: The ShanWan Q38 controller demonstrating compatibility with multiple gaming platforms.

3.3 Connecting via Bluetooth

To connect the controller to your device:

1. **Power On:** Press and hold the Home button on the controller until the indicator lights begin to flash.
2. **Select Mode:** Use the mode switch located on the top edge of the controller to select the appropriate mode for your device:
 - **X Mode:** For Mobile & Computer (Android, PC, macOS, iOS).
 - **S Mode:** For Nintendo Switch.
 - **P Mode:** For PS4 (if compatible).

Three mode fast switching

Multiple device connections
fast switching



Image 3.2: Detail of the three-mode fast switching selector on the controller.

3. **Pairing:** On your device, navigate to the Bluetooth settings and search for available devices. Select "ShanWan Q38" (or similar) from the list to pair.
4. **Confirmation:** Once successfully paired, the indicator light on the controller will become solid.

3.4 Customization and Calibration

For advanced customization, including button remapping and macro functions, download the official "gamepad space" application. This application also allows for controller calibration to ensure optimal performance.

4. OPERATING THE CONTROLLER

4.1 Key Features

- **Hall Effect Joysticks:** Provides high precision and sensitivity. The joystick height is adjustable between 5mm and 8mm for personalized comfort.



Image 4.1: Detail of the adjustable Hall Effect joysticks.

- **Composite Micro-Switch Buttons:** These buttons offer a tactile response similar to mechanical keyboards, providing quick and precise input.

Composite Micro Keys

The combination of short travel and soft rubber cushioning comfort of the micro-action buttons. Fast and protects your fingers when playing fighting games.



*Composite Micro Keys:
Combination of key surface, soft rubber and micro switch

Image 4.2: Close-up of the composite micro-switch action buttons.

Composite micro-keypad: combination of key surface body, soft rubber and micro-keypad

Increase the success rate of rubbing moves

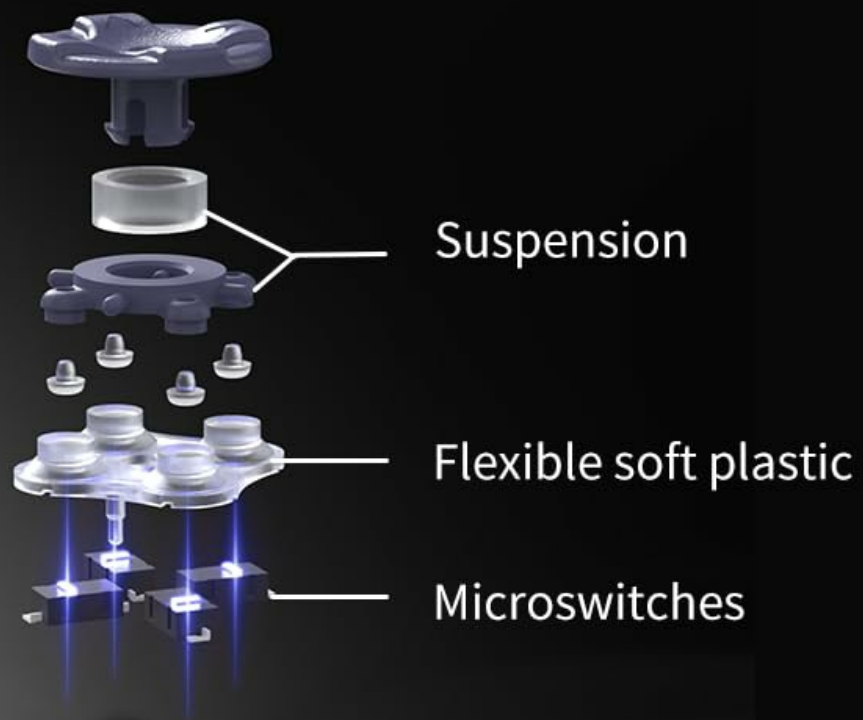


Image 4.3: Diagram illustrating the internal components of the composite micro-keypad.

- **Mechanical Triggers:** Designed for fast response times.
- **Dual Micro Motors:** Provides dual vibration feedback for an immersive gaming experience.
- **Somatosensory Gyroscope:** Equipped with a 6-axis gyroscope for motion control in supported games.

Gyroscope

Faster and more stable control



Image 4.4: Visual representation of the controller's gyroscope functionality.

4.2 Gaming Experience

The compact design allows for portability, making it suitable for gaming on the go with devices like the Nintendo Switch or smartphones.



Image 4.5: Controller in use with a Nintendo Switch.



Image 4.6: Controller paired with a smartphone for mobile gaming.



Image 4.7: Two controllers in use for multiplayer gaming on a PC.

5. MAINTENANCE

To ensure the longevity and optimal performance of your ShanWan Q38 controller, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the controller. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the device. Avoid harsh chemicals or abrasive cleaners.
- **Storage:** Store the controller in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** If using replaceable AAA batteries, remove them if the controller will not be used for an extended period to prevent leakage.
- **Avoid Drops:** Protect the controller from physical impact and drops, which can damage internal components.

6. TROUBLESHOOTING

If you encounter issues with your ShanWan Q38 controller, refer to the following common problems and solutions:

- **Controller Does Not Power On:**
 - Ensure the battery is correctly inserted and has sufficient charge. Replace AAA batteries if necessary.
 - Connect the controller to a power source using the USB cable to confirm if it charges.
- **Difficulty Connecting via Bluetooth:**
 - Ensure the controller is in the correct mode (X, S, or P) for your device.

- Turn off and on your device's Bluetooth.
 - Forget the device in your Bluetooth settings and attempt to re-pair.
 - Ensure the controller is within the effective range of your device.
- **Buttons or Joysticks Not Responding Correctly:**
 - Calibrate the controller using the "gamepad space" application.
 - Check for any physical obstructions or debris around the buttons or joysticks.
 - Ensure the controller's firmware is up to date, especially for Switch 2 compatibility.
- **Random Disconnections:**
 - Ensure there are no strong wireless interferences nearby.
 - Keep the controller close to the connected device.
 - Re-pair the controller if disconnections are frequent.

7. SPECIFICATIONS

Feature	Detail
Model Number	Q38
Manufacturer	ShanWan
Connectivity	Bluetooth Wireless
Compatibility	Switch/Switch 2, Steam Deck, PC, Android, iPhone, iPad, macOS, PS4
Joystick Type	Hall Effect, Adjustable Height (5mm-8mm)
Button Type	Composite Micro-Switch
Vibration	Dual Micro Motors
Motion Control	6-axis Gyroscope
Package Dimensions	5.63 x 4.53 x 1.54 inches
Item Weight	4.6 ounces
Batteries	1 AAA battery required (included)









Image 7.1: Physical dimensions of the ShanWan Q38 controller.

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official ShanWan website or contact the retailer from whom you purchased the product. Keep your proof of purchase for warranty claims.

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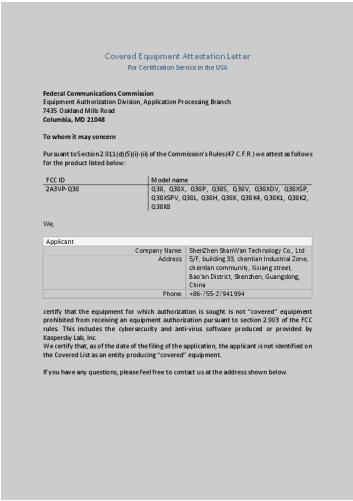
	<p>ShanWan Q38 Wireless Gaming Controller User Manual and Features</p> <p>Comprehensive guide to the ShanWan Q38 wireless gaming controller, covering setup, modes (Android/iOS/Windows, Switch, PS4), firmware upgrades, additional functions, and specifications.</p>
	<p>ShanWan Q11A Retractable Gamepad User Manual</p> <p>User manual for the ShanWan Q11A retractable gamepad, detailing its features, connectivity options (Bluetooth, USB), compatibility with various platforms (Android, iOS, PC, PS3/PS4, Switch), operation instructions, and specifications.</p>
	<p>ShanWan Q36 Pro Wireless Gaming Controller User Manual</p> <p>Comprehensive user guide for the ShanWan Q36 Pro Wireless Gaming Controller, covering setup, connectivity for Android, iOS, Windows, and Nintendo Switch, PS4 compatibility, firmware updates, and technical specifications.</p>
	<p>ShanWan Q36 Wireless Gamepad User Guide</p> <p>A comprehensive guide to the ShanWan Q36 Wireless Gamepad, covering setup, connectivity for Android, iOS, and Windows, and charging functions. Learn how to pair your device and optimize your gaming experience.</p>
	<p>ShanWan Q36 Wireless Game Controller: User Guide and Connection Modes</p> <p>Comprehensive guide to the ShanWan Q36 wireless game controller. Learn how to connect to Android, iOS, Windows, Nintendo Switch (Pro and Joycon modes), and PS4. Includes setup, firmware updates, and technical specifications.</p>
	<p>ShanWan Q36 Game Controller User Guide and Connectivity Modes</p> <p>Comprehensive guide to the ShanWan Q36 game controller, covering X-Input, HID, and ShootingPlus modes for Android, iOS, and Windows. Includes setup, charging, and electrical specifications.</p>



[pdf] Declaration of Conformity Product Photos Teardown

wenliang li Letter of declaration model difference ShenZhen ShanWan Technology Co Ltd Q38 2A3VP 2A3VPQ38 q38

ShenZhen ShanWan Technology Co., Ltd 5/F, building 33, chentian Industrial Zone, chentian community, Xixiang street, Bao an District, Shenzhen, Guangdong, China
Date: November 30, 2024 FCC ID: 2A3VP-**Q38** Model Number: **Q38, Q38X, Q38P, Q38S, Q38V, Q38XD, Q38XSP, Q38XSPV, Q38L, Q38H, Q38K, Q38K4, Q38K1**...
lang:en score:35 filesize: 120.24 K page_count: 1 document date: 2024-12-02



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Microsoft Office Anwender Covered equipment letter ShenZhen ShanWan Technology Co Ltd Q38 2A3VP 2A3VPQ38 q38

Covered Equipment Attestation Letter For Certification Service in the USA Federal Communications Co ... the Commission s Rules 47 C.F.R. we attest as follows for the product listed below: FCC ID 2A3VP-**Q38** Model name **Q38, Q38X, Q38P, Q38S, Q38V, Q38XD, Q38XSP, Q38XSPV, Q38L, Q38H, Q38K, Q38K4, Q38K1**...
lang:en score:34 filesize: 183.61 K page_count: 2 document date: 2024-12-02

Confidentiality Request Letter
For Certification Service in the USA

Federal Communication Commission
Equipment Authorization Division, Application Processing Branch
3155 Calabasas Blvd. Suite
Columbia, MD 21046

To whom it may concern

Pursuant to Paragraphs 90.457 and 90.459 of the Commission's Rules (47 C.F.R.) and Section 552(b)(6) of the Freedom of Information Act, we request confidentiality for the documentation of the following products:

FCC ID	Model name
2A3VP-Q38	Q38, Q38A, Q38P, Q38S, Q38V, Q38XDV, Q38XSP, Q38XSPV, Q38L, Q38H, Q38K4, Q38K1, Q38K2, Q38K3


For the products listed above, we request permanent confidentiality for all applicable exhibits as they are:

- the Operational Description
- the Block Diagram
- the Schematics
- the Parts Lists
- the Low-level Information

The above listed exhibits contain trade secrets and proprietary information that could be of benefit to our competitors.

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

Sincerely,



2024-12-30

Signature

Date

Printed Name of Signer: Xiao Chen Hu / Manager
Company: ShenZhen ShanWan Technology Co., Ltd
Address: 5/F, building 33, chentian Industrial Zone, chentian community, Xixiang street, Bao'an District, Shenzhen, Guangdong, China
Phone: +86-755-27941394
Fax: N/A
Email: vcfor@bmchip.com

[pdf] Confidentiality Request Letter

Microsoft Office Anwender Confidentiality request letter ShenZhen ShanWan Technology Co Ltd Q38 2A3VP 2A3VPQ38 q38

Confidentiality Request Letter For Certification Service in the USA Federal Communication Commissio ... tion Act, we request confidentiality for the documentation of the following products: FCC ID 2A3VP-**Q38** Model name **Q38**, **Q38X**, **Q38P**, **Q38S**, **Q38V**, **Q38XDV**, **Q38XSP**, **Q38XSPV**, **Q38L**, **Q38H**, **Q38K**, **Q38K4**, **Q38K1**...

lang:en score:33 filesize: 168.11 K page_count: 1 document date: 2024-12-02

USA MEIHUA TRADING INCLETTER OF ATTESTATION

TO:
Office of Engineering Technology
Federal Communications Commission
3155 Calabasas Blvd. Suite
Columbia, MD 21046

USA MEIHUA TRADING INC' for Service of Process:
Company Name: USA MEIHUA TRADING INC
FRN: 002040266
Contact Name: Harley Quinn
Address: 3379 Pine Valley Ct Boulder CO
80501 United States
Telephone No: 1-312-363-9124
Email: usmeihuatradinginc@gmail.com

Applicant:
Company name: ShenZhen ShanWan Technology Co., Ltd
Product Description: Wireless Gaming Controller
Grantee code: 2A3VP
FCC ID: 2A3VP-Q38
FRN: 0031717275
Contact Name: XiaoChen Hu
Email: vcfor@bmchip.com
Address: 5/F, building 33, chentian Industrial Zone, chentian community, Xixiang street, Bao'an District, Shenzhen, Guangdong, China



[ShenZhen ShanWan Technology Co., Ltd] certifies that, as of the date of this filing of the application with the FCC, [USA MEIHUA TRADING INC] is our designated US agent for service of process for the above referenced FCC ID. [ShenZhen ShanWan Technology Co., Ltd] accepts to maintain an agent for no less than one year after the grantee has terminated all marketing and registration or the resolution of any commission related proceeding involving equipment. [USA MEIHUA TRADING INC] accepts, as of the date of the filing of the application, the obligation of the designated US agent for service of process for the above referenced FCC ID.

The USA MEIHUA TRADING INC for Service of Process is aware of and agrees to comply with the requirements outlined in the FCC Equipment Authorization Program, Report and Order FCC 22-86, and clause 5.3.11.

The Applicant is aware of and agrees to comply with the requirements outlined in the FCC Equipment Authorization Program, Report and Order FCC 22-86, and clause 5.3.11.

This Agreement is valid for permanent.

Date: 11/29/2024

Applicant's Name: XiaoChen Hu	US Agent's Name: Harley Quinn
Title: Manager	Title: Manager
Signature: 	Signature: 


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
Adria Galin Pons Agent attestation letter ShenZhen ShanWan Technology Co Ltd Q38 Wireless Gaming Controller 2A3VP 2A3VPQ38 q38

USA MEIHUA TRADING INCLETTER OF ATTESTATION TO: Office of Engineering Technology Federal Communicati ... Technology Co., Ltd Product Description: Wireless Gaming Controller Grantee code: 2A3VP FCC ID: 2A3VP-**Q38** FRN: 0031717275 Contact Name: XiaoChen Hu Email: vcfor@bmchip.com

Address: 5/F, building 33, chentian ...


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Project No.	QSR2410T000		
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Applicant	Shenzhen Shantilian Technology Co., Ltd		
Address	S / F building 3D, shenzhen Industrial Zone, shenzhen company ,Jianshi street,Baoan District, Shenzhen, Guangdong, China		
Manufacturer	Shenzhen Shantilian Technology Co., Ltd		
Address	S / F building 3D, shenzhen Industrial Zone, shenzhen company ,Jianshi street,Baoan District, Shenzhen, Guangdong, China		
Product Name	Wireless Gaming Controller		
Trade Mark	N/A		
Model-Type reference	GSR		
Labeled Models(6)	GSR; GSRP; GSRM; GSRV; GSRV-DV; GSRP-CP; GSRP-SPV; GSRM; GSRM; GSRM; GSRM; GSRM; GSRM		
Standard	CE FCC PAK 105-24:7		
Test date	November 7, 2024 to November 15, 2024		
Issue date	November 15, 2024		
Test result	Complied		



Remy Huang

Prepared by: Remy Huang



GerryLong

Approved by: Gerry Long




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The test report should not be regarded as approval or full approval without the written approval of Shenzhen Bosong Testing Technology Co., Ltd.

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

Yan Hank Test Report BT LE ShenZhen ShanWan Technology Co Ltd Q38 Wireless Gaming Controller
2A3VP 2A3VPQ38 q38

Report No.: CISRR24110705206 Report No. Project No. FCC ID Applicant Address
Manufacturer Address Product Name Trade Mark Model/Type reference Listed Model
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Project No.	QISR-0147070038		
FCC ID	SACUP-GS8		
Applicant	ShenZhen ShanTian Technology Co., Ltd		
Address	E/F building 2D, shentian Industrial Zone, shenzhen, china shen, Suan-Tian-Shi, Shenzhen, Guangdong China		
Manufacturer	Shen-Zhen ShanTian Technology Co., Ltd		
Address	E/F building 2D, shentian Industrial Zone, shenzhen, china shen, Suan-Tian-Shi, Shenzhen, Guangdong China		
Product Name	Wireless Gaming Controller		
Trade Mark	N/A		
Model-Type reference	GS8		
Lated Model(s)	GS8; GS8P; GS8L; GS8V; GS8SP; GS8L; GS8P; GS8L; GS8M; GS8C; GS8B; © CFR Part 15.247		
Standard	November 7, 2024 to November 15, 2024		
Issue date	Nov. 2024		
Test result	Complied		
 			
Prepared by: Rong Huang		Approved by: Deng Long	
The test results relate only to the tested samples. The test report cannot be reproduced except in full without the written approval of ShenTian Bangc Testing Technology Co., Ltd.			

Page 1 of 12

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

Yan Hank Test Report BT ShenZhen ShanWan Technology Co Ltd Q38 2A3VP 2A3VPQ38 q38

Report No.: CISRR24110705205 Report No. Project No. FCC ID Applicant Address
Manufacturer Address Product Name Trade Mark Model/Type reference Listed Model
s Standard Test date Issue date Test result TEST REPORT CISRR24110705205
CISR241107052 2A3VP-**Q38** ShenZhen ShanWan Technology Co., Ltd 5 / F, ...
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[\[pdf\]](#) Dimension Guide Test Report

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street, Bao an District, Shenzhen, Guangdong, China Model: 2.4G ANT Antenna
Introduction PCB printed antenna, suitable for single-sided and ...
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Product Name	Wireless Gaming Controller
Model No.	038
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Exposure category	General population/uncontrolled environment
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Device Type	Portable Device

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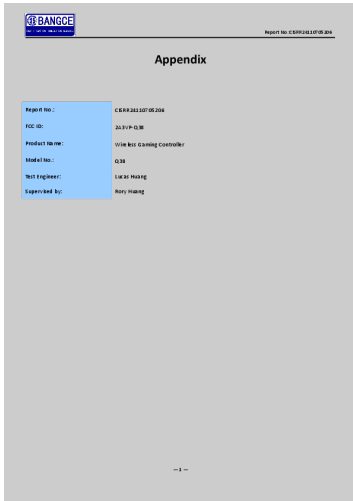
[\[pdf\]](#) Label

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Report No.:	C-009-2016-07-00-005
PID No:	20-21-P-0136
Product Name:	Vive Pro Gaming Controller
Model No.:	G.18
Test Engineer:	Loren Huang
Supervised by:	Patty Wang

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lang:en score:22 filesize: 4.95 M page_count: 22 document date: 2024-11-15



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dell Appendix B test data BT LE ShenZhen ShanWan Technology Co Ltd Q38 Wireless Gaming Controller 2A3VP 2A3VPQ38 q38

Report No.: FCC ID: Product Name: Model No.: Test Engineer: Supervised by: Appendix CISRR24110705206 2A3VP-**Q38** Wireless Gaming Controller **Q38** Lucas Huang Rory Huang Report No.:CISRR24110705206 --1-- Report No.:CISRR24110705206 1 Duty Cycle Test Result Mode BLE 1M Test Graphs Channel 0 19 39...

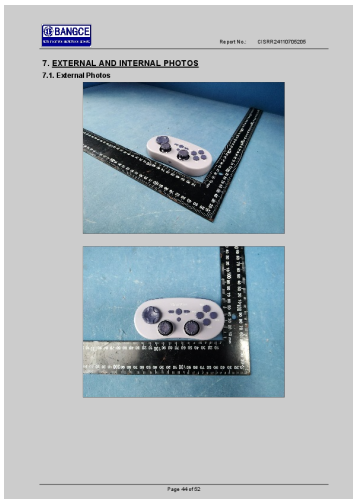
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[ShanWan Q38 Wireless Gaming Controller User Manual and Features](#)

Comprehensive guide to the ShanWan Q38 wireless gaming controller, covering setup, modes (Android/iOS/Windows, Switch, PS4), firmware upgrades, additional functions, and specifications.

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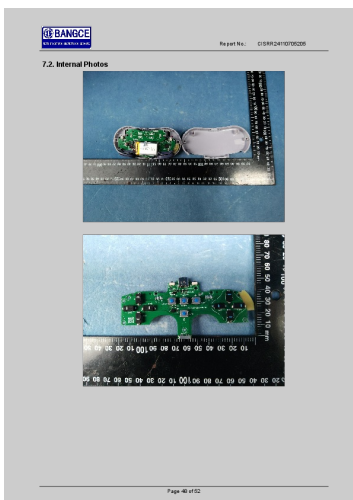


[pdf] Product Photos Teardown

External photos ShenZhen ShanWan Technology Co Ltd Q38 2A3VP 2A3VPQ38 q38

7. EXTERNAL AND INTERNAL PHOTOS 7.1. External Photos Report No.: CISRR24110705205 Page 44 of 52 Report No.: CISRR24110705205 Page 45 of 52 Report No.: CISRR24110705205 Page 46 of 52 Report No.: CISRR24110705205 Page 47 of 52 ...

lang:de score:16 filesize: 2.76 M page_count: 4 document date: 0000-00-00



[pdf] Product Photos Teardown

Internal photos ShenZhen ShanWan Technology Co Ltd Q38 Wireless Gaming Controller 2A3VP 2A3VPQ38 q38

7.2. Internal Photos Report No.: CISRR24110705205 Page 48 of 52 Report No.: CISRR24110705205 Page 49 of 52 Report No.: CISRR24110705205 Page 50 of 52 Report No.: CISRR24110705205 ANT Page 51 of 52 Report No.: CISRR24110705205 -----End of the report---Page 52 of 52 ...

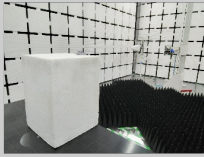
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6. TEST SETUP PHOTOS

Conducted Emission at AC power line



Radiated Spurious Emission (Above 1GHz)

[\[pdf\]](#) Product Photos

Test setup photos ShenZhen ShanWan Technology Co Ltd Q38 Wireless Gaming Controller 2A3VP
2A3VPQ38 q38

Report No.: CISRR24110705205 6. TEST SETUP PHOTOS Conducted Emission at
AC power line Radiated Spurious Emission Above 1GHz Page 42 of 52 Report No.:
CISRR24110705205 Radiated Spurious Emission below 1GHz Page 43 of 52 ...
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