

NETVUE NI-1911

NETVUE Outdoor Security Camera User Manual

Model: NI-1911

1. INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your NETVUE Outdoor Security Camera. This 1080P WiFi surveillance camera is designed for home security, featuring night vision, 8X digital zoom, A.I. motion detection, instant alerts, IP66 waterproofing, and two-way audio communication. It supports both cloud storage and SD card recording.



Image 1.1: Front view of the NETVUE Outdoor Security Camera.

2. PRODUCT FEATURES

- **AI Human Motion Detection with Real-time Alert:** The camera can upload snapshots and videos, supporting customized motion detection zones and real-time motion alerts via the NETVUE APP. Motion sensibility adjustment and accurate motion detection minimize false alarms. AI detection specifically aims to avoid false alarms caused by pets, wind, or leaves, providing more accurate alerts. If a human face is detected, the NETVUE App will alert you immediately.
- **1080P Outdoor Camera with FHD Night Vision:** Provides clear recordings for home security. Remote real-time viewing is available through the NETVUE App with a 100° viewing angle. Equipped with Vigil 2 infrared LEDs, it offers clear night vision up to 60 feet, ensuring visibility even in dark environments.
- **Easy Installation and High Compatibility:** Designed for quick setup within minutes. It is wired only, requiring no battery. Connects to a 2.4GHz WiFi network or Ethernet cable for smooth video streaming. Note that 5G networks are not applicable.
- **2-Way Audio and IP66 Waterproof:** Enables real-time conversation with individuals through the camera. Supports up to 20 family members for shared access. Compatible with Alexa, Echo Show, Echo Spot, or Fire TV. The IP66 rating ensures the camera is strong enough to withstand rough weather and is vandal resistant, operating in temperatures from -4°F to 122°F.

- **Two-Way Storage for All Day Protection:** Offers free cloud storage for up to 14 days via Amazon Web Services Cloud. Also supports local storage via a Micro SD card (up to 128GB, not included) for continuous video recording. Data storage is secured with bank-level AES 256-bit encryption and TLS Encryption Protocol.



Image 2.1: Illustration of the camera's 1080P HD and wide-angle viewing capability.

Super Night Version

1080P HD lens for securing your house day & night



Image 2.2: Demonstration of the camera's Super Night Vision feature, showing day and night views.



Image 2.3: Visual representation of the camera's IP66 waterproof rating, showing it withstands rain.

3. PACKAGE CONTENTS

Before beginning installation, please ensure all components are present in the package:

- NETVUE Outdoor Security Camera
- Power Adapter
- Mounting Screws and Wall Anchors
- Quick Guide
- Waterproof Connector (for Ethernet cable, if applicable)



Image 3.1: All items included in the NETVUE Outdoor Security Camera package.

4. SETUP AND INSTALLATION

Follow these steps for a quick and easy setup:

- 1. Power Connection:** Plug the camera into a power outlet using the provided power adapter. Ensure the power cable is securely connected.
- 2. Download NETVUE App:** Download the official NETVUE App from the App Store (for iOS devices) or Google Play Store (for Android devices). Search for "NETVUE".
- 3. Account Registration & Device Addition:** Open the NETVUE App, register for an account, and follow the in-app instructions to add your new camera. Ensure your mobile device is connected to a 2.4GHz Wi-Fi network during setup.
- 4. Mounting the Camera:** Choose a suitable outdoor location for optimal viewing and Wi-Fi signal strength. Use the included mounting screws and wall anchors to securely attach the camera to a wall or other stable surface. The camera is designed for wall mounting.

1 Need to Plug into Power Outlet



2 Download NETVUE App

netvue



3 Enjoy Live View



Image 4.1: Visual guide for the three main setup steps: power connection, app download, and live view activation.

5. OPERATING INSTRUCTIONS

5.1 Live View and Playback

Once connected, you can access the live feed from your camera through the NETVUE App. The app allows you to view real-time video and playback recorded footage. Recorded footage can be stored on a Micro SD card (up to 128GB, not included) or via the optional cloud storage service.

Support 10-day Record Playback

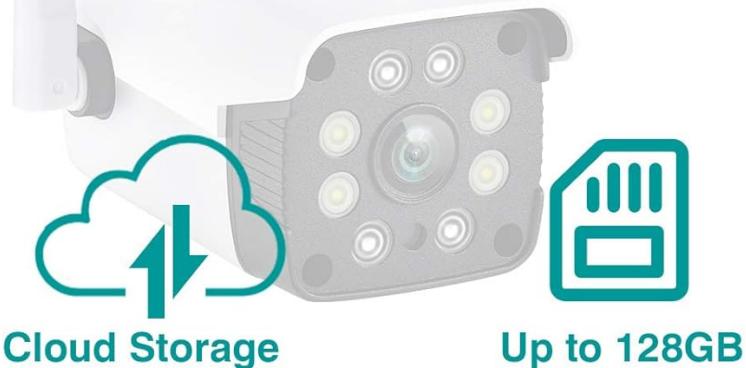


Image 5.1: Illustration of cloud storage and Micro SD card options for recording playback.

5.2 Two-Way Audio

The integrated two-way audio feature allows you to communicate with individuals near the camera. To use this function, open the live view in the NETVUE App and activate the microphone icon to speak. You will hear audio from the camera's location through your device's speaker.



Image 5.2: Depiction of the two-way audio feature, showing a user speaking through the app to a person at the door.

5.3 AI Motion Detection and Alerts

The camera utilizes AI human motion detection to minimize false alarms. You can customize motion detection zones and adjust sensitivity settings within the NETVUE App. When motion is detected, the app will send real-time alerts to your mobile device, including snapshots and video clips.

5.4 Alexa Integration

The NETVUE camera is compatible with Amazon Alexa. You can use voice commands with Alexa-enabled devices like Echo Show, Echo Spot, or Fire TV to view the camera's live feed. For example, say "Alexa, show me the front door" to display the camera's view on your compatible device.

Work With Alexa



Image 5.3: A user interacting with an Alexa device to view the camera feed, demonstrating smart home integration.

6. MAINTENANCE

- **Cleaning:** Periodically clean the camera lens and housing with a soft, damp cloth to ensure clear image quality. Avoid using harsh chemicals or abrasive materials.
- **Firmware Updates:** Keep the camera's firmware updated through the NETVUE App to ensure optimal performance and access to the latest features and security enhancements.
- **Environmental Protection:** While the camera is IP66 waterproof, ensure its mounting location provides adequate protection from extreme weather conditions if possible, to prolong its lifespan.

7. TROUBLESHOOTING

If you encounter issues with your NETVUE camera, please refer to the following common solutions:

- **Camera Offline:**
 - Check the power connection to ensure the camera is receiving power.

- Verify your Wi-Fi network is active and stable.
- Ensure the camera is within range of your 2.4GHz Wi-Fi router.
- Restart the camera by unplugging it for 10 seconds and then plugging it back in.

- **Poor Image Quality:**

- Clean the camera lens to remove any dust or smudges.
- Check your Wi-Fi signal strength; a weak signal can affect video quality.

- **Motion Detection Issues:**

- Adjust the motion detection sensitivity settings in the NETVUE App.
- Review the customized motion detection zones to ensure they cover the desired areas.

- **Two-Way Audio Problems:**

- Ensure your phone's volume is up and the microphone is enabled in the app.
- Check for any obstructions near the camera's microphone or speaker.

For further assistance, please contact NETVUE customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	NETVUE
Model Number	NI-1911
Connectivity Technology	Wireless (Wi-Fi 2.4GHz)
Video Capture Resolution	1080p
Viewing Angle	100 Degrees
Night Vision Range	60 Feet
Digital Zoom	8X
Waterproof Rating	IP66
Operating Temperature	-4°F to 122°F (-20°C to 50°C)
Storage Options	Cloud Storage, Micro SD Card (up to 128GB)
Audio	2-Way Audio
Compatible Devices	Alexa, Echo Show, Echo Spot, Fire TV
Power Source	Wired (No Battery)
Mounting Type	Wall Mount
Dimensions (L x W x H)	9.37 x 4.02 x 3.66 inches
Item Weight	10.9 ounces

9. WARRANTY AND SUPPORT

NETVUE provides customer support for their products. For any inquiries, technical assistance, or warranty claims, please refer to the contact information provided in your product packaging or visit the official NETVUE website. The NETVUE App also offers a customer service team to answer your questions during your use.

Note: Specific warranty terms and conditions may vary and are subject to the policies at the time of purchase.

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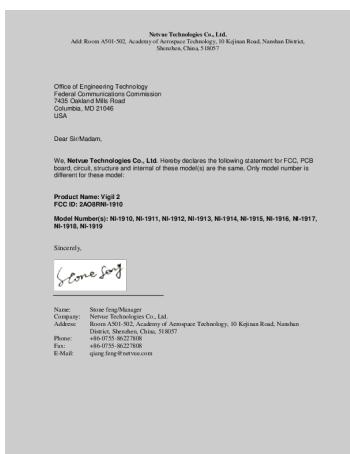
Documents - NETVUE – NI-1911



[Netvue Vigil 2 Quick Guide](#)

A quick guide to setting up and installing the Netvue Vigil 2 security camera, including what's in the box, camera structure, SD card insertion, installation steps, status light indicators, and contact information.

lang:en score:29 filesize: 258.71 K page_count: 18 document date: 2020-09-08



[\[pdf\] Declaration of Conformity](#)

Date siemic Declaration Letter of Model Difference Netvue Technologies Co Ltd NI 1910 Vigil 2 2AO8RNI 2AO8RNI1910 ni

Netvue Technologies Co., Ltd. Add: Room A501-502, Academy of Aerospace Technology, 10 Kejinan Road, Nanshan District, Shenzhen, China, 518057. Product Name: Vigil 2. Model Number: NI-1911. Sincerely, Name: Co...
lang:tl score:22 filesize: 38.74 K page_count: 1 document date: 2020-09-08

Netvue Technologies Co., Ltd.
Add: Room A501-502, Academy of Aerospace Technology, 10 Kejinan Road, Nanshan District, Shenzhen, China, 518057

Date: Sep. 08, 2020
FCC ID: 2AO8RNI-1910
Model Number: NI-1910, NI-1911, NI-1912, NI-1913, NI-1914, NI-1915, NI-1916, NI-1917, NI-1918, NI-1919

To: Federal Communications Commission
Anticipated and Evaluation Division
TUSA Office, 445 7th Street, Suite 2000
Columbia, MD 20546

To Whom It May Concern,

We, Netvue Technologies Co., Ltd., declare that the EUT (FCC ID: 2AO8RNI-1910) doesn't have A115001 as the function on a non-US/Canada frequency. In addition, The frequency selection feature is disabled by firmware for devices marketed to the US/Canada. Part 279 of the FCC rules state, only channels 1-11 will be used in North America. Country code selection is disabled.

Should you have any questions or comments regarding this matter, please my best attention.

Sincerely,



(Signed)
Name /Title: Stone Mengmeng
Company: Netvue Technologies Co., Ltd.
Address: Room A501-502, Academy of Aerospace Technology, 10 Kejinan Road, Nanshan District, Shenzhen, China, 518057
Phone: +86-0755-86227006
Fax: +86-0755-86227006
E-mail: mengmeng@netvue.com

CONFIDENTIALITY REQUEST
for Certification Service in USA

Federal Communications Commission
Equipment Authorization Division, Application Processing Branch
445 7th Street, Suite 2000, Columbia, MD 20546

+2020-09-08+

TO WHOM IT MAY CONCERN

Pursuant to Paragraphs 60.457 and 60.459 of the Commission's Rules (77 C.F.R.) and Section 1626(b)(4) of the Freedom of Information Act, we request confidentiality for the following products:

FCC ID: 2AO8RNI-1910
Model name: NI-1910, NI-1911, NI-1912, NI-1913, NI-1914, NI-1915, NI-1916, NI-1917, NI-1918, NI-1919
For the product stated above, we request that the following information be held confidential:

Exhibit	Long-Term Confidentiality	Short-Term Confidentiality	Short-Term Confidentiality, Days
External Photos	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Block Diagrams	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Software Code	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Test Setup Photos	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
User Manual	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Parts List	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Test Log	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Operational Descriptions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

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

The short-term confidentiality on the basis of ensuring that business sensitive information remains confidential and the sensitivity of the information is not disclosed.

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

SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2AO8RNI-1910 Report No.: LCS200806058A

FCC TEST REPORT
For
Netvue Technologies Co., Ltd.
Vigil 2
Test Model: NI-1910
Additional Model No.: Please Refer To Page 6

Prepared for
Address : Netvue Technologies Co., Ltd.
Room A501-502, Academy of Aerospace Technology, 10 Kejinan Road, Nanshan District, Shenzhen, China, 518057

Prepared by
Address : Shenzhen LCS Compliance Testing Laboratory Ltd.
101, 201 Building & A 301 Building, Jujia Industrial Park, Shuanghe Street, Bao'an District, Shenzhen, China
Address: Shenzhen, China
Tel: +86755-82591332
Fax: +86755-82591332
Web: www.LCS-cet.com
Mail: webmaster@LCS-cet.com

Date of receipt of test sample : August 14, 2020
Number of tested samples : 1
Sample No. : 200806058A-1, 200806058A-2
Serial number : Prototype
Date of Test : August 14, 2020 - August 26, 2020
Date of Report : September 01, 2020

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Printed At: 09:24

[pdf] Declaration of Conformity

User FCC Declaration of Disable WLAN Channel 12 and 13 Netvue Technologies Co Ltd NI 1910 Vigil 2 2AO8RNI 2AO8RNI1910 ni

Netvue Technologies Co., Ltd. Add: Room A501-502, Academy of Aerospace Technology, 10 Kejinan Road, Nanshan District, Shenzhen, China, 518057 Date: Sep. 08, 2020 FCC ID: 2AO8RNI-1910 Model Number: NI-1910, **NI-1911**, NI-1912, NI-1913, NI-1914, NI-1915, NI-1916, NI-1917, NI-1918, NI-1919 To: Federal Co... lang:en **score:21** filesize: 466.48 K page_count: 1 document date: 2020-09-08

[pdf] Confidentiality Request Letter

SAMPLE CONFIDENTIALITY FORM Monika Mayr FCC Confidentiality request letter Netvue Technologies Co Ltd NI 1910 Vigil 2 2AO8RNI 2AO8RNI1910 ni

CONFIDENTIALITY REQUEST for Certification Service in USA Federal Communication Commission Equipment ... , we requests confidentiality for the following products: FCC ID 2AO8RNI-1910 Model name NI-1910, **NI-1911**, NI-1912, NI-1913, NI-1914, NI-1915, NI-1916, NI-1917, NI-1918, NI-1919 For the product stat... lang:en **score:19** filesize: 154.71 K page_count: 2 document date: 2020-09-08

[pdf] Test Report

FCC PART 15 news Test Report DTS 2G4WLAN Netvue Technologies Co Ltd NI 1910 Vigil 2 2AO8RNI 2AO8RNI1910 ni

SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2AO8RNI-1910 Report No.: LCS200806058A ... FI 2.4G Band Frequency Range Channel Spacing Channel Number Modulation Type : Vigil 2 : NI-1910 : **NI-1911**, NI-1912, NI-1913, NI-1914, NI-1915, NI-1916, NI-1917, NI-1918, NI-1919 : PCB board, structu... lang:en **score:15** filesize: 1.07 M page_count: 36 document date: 2020-09-08

ZHENHUA LC COMPLIANCE TESTING LABORATORY LTD.

FCC ID: 2A0B9-1250

Maximum Permissible Exposure Report

1. Product Information

FCID	2A0B9-1250
Product name	W-2
Test Model	Ni-1010
Additional Models	Ni-3511, Ni-1511, Ni-1512, M-1514, M-1515, M-1516, Ni-1517, Ni-1518, Ni-1519, Ni-1520, Ni-1521, Ni-1522, Ni-1523
Model Declaration	FCB based structure and internal of these model is the same, the limit value is the same.
Power supply	<p>Input: DC 12V, 5A</p> <p>For safety: 100-240V AC, 50/60Hz, 0.5A</p> <p>Output: DC 12V, 1A, 2W</p> <p>Input: DC 12V, 2A</p> <p>Output: DC 12V, 2.45W</p>
Operating Frequency	433MHz
Antenna Type	External Antenna
Antenna Length	3.6 dB
Antenna Gain	1.5 dBi
Software version	11.1.00011182
Channel Number	11 channels for 2.4GHz and 11 channels for 5GHz (2.4GHz/5GHz)
Channel Spacing	100MHz
Encryption Strength	General application or restricted environment
UL Test	Production Unit
Device Type	Module Device

2. Evaluation Method

Systems operating under FCC ID 2A0B9-1250 have been evaluated to ensure that the product complies with the applicable requirements contained in the FCC Rules and the technical information contained in the Evaluation Report.

In accordance with Part 15 of FCC Rules 2.105(b), any device that has been declared to be mobile device under Part 15 of FCC Rules, must be tested to determine if it complies with the maximum permissible exposure limit stated with any applicable FCC ID.

In accordance with 20404.102-001, the maximum permissible exposure limit for a hand held, held or otherwise held in the hands, numerically modified or measured for strength or power density, is 1.5 W/kg. The ratio of each antenna determined by the ratio of the maximum power density of the antenna to the maximum power density of the other two antennas of the device, according to the ratio of the field strength or power density to the field strength or power density at the 1 m reference. Either the maximum power density of the antenna or the ratio of the field strength or power density to the field strength or power density at the 1 m reference may be used to determine the MPE ratio. System averaging does not apply when MPE is determined using simple calculations and constraints. The maximum permissible exposure limit for a hand held, held or otherwise held in the hands, based on the maximum power density of the antenna or the ratio of the field strength or power density to the field strength or power density at the 1 m reference, must be the maximum of the two values. The maximum permissible exposure limit for a hand held, held or otherwise held in the hands, based on the maximum power density of the antenna or the ratio of the field strength or power density to the field strength or power density at the 1 m reference, must be the maximum of the two values.

3. Limit

3.1 EIRP Evaluation Method

ANSI C63.1-2010, Standard for Safety for Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 MHz - 300 GHz.

ANSI C63.1-2010, Standard for Safety of Radio Frequency (RF) Exposure of Mobile and Personal Devices, RF Exposure and Equipment Attenuation requirements.

FCC OET-65C, Part 15.210, Radio frequency exposure requirements.

FCC OET-65C, Part 15.210, Radio frequency exposure requirements, mobile devices.

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