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Kircuit PSC-1, VZ-0122000U

Kircuit 12V AC/DC Adapter User Manual

For Codnida PSC-1 and VZ-0122000U Security Cameras

1. Introduction

Thank you for choosing the Kircuit 12V AC/DC Adapter. This power supply is designed to provide reliable and stable power to your compatible devices, specifically the Codnida PSC-1 Pan Tilt Wireless WiFi Security Camera and the VZ-0122000U models. It converts standard AC wall power into the DC power required by your camera, ensuring optimal performance and charging capabilities.

This manual provides essential information on the safe and effective use of your new adapter, including setup, operation, maintenance, and troubleshooting tips. Please read it thoroughly before use and retain it for future reference.

2. Safety Information

To ensure safe operation and prevent damage to the adapter or connected devices, please observe the following safety precautions:

- **Indoor Use Only:** This adapter is designed for indoor use. Do not expose it to rain, moisture, or extreme temperatures.
- **Proper Voltage:** Ensure the wall outlet voltage matches the adapter's input specifications (100-240V AC).
- **Avoid Overloading:** Do not connect devices that exceed the adapter's output capacity (12V DC, 2A, 24W).
- **Secure Connections:** Always ensure the adapter is firmly plugged into both the wall outlet and the device. Loose connections can cause overheating or malfunction.
- **Unplug When Not in Use:** Disconnect the adapter from the power outlet when not in use for extended periods or during electrical storms.
- **No Disassembly:** Do not attempt to open or modify the adapter. There are no user-serviceable parts inside. Unauthorized modifications can lead to electric shock or fire.
- **Keep Away from Children:** Store the adapter out of reach of children.
- **Ventilation:** Ensure adequate ventilation around the adapter during operation. Do not cover it with cloth or place it in an enclosed space.

3. Package Contents

Verify that all items are present in the package:

- 1 x Kircuit 12V AC/DC Adapter
- 1 x Power Cable (integrated)

4. Setup

Follow these steps to set up your Kircuit AC/DC Adapter:

1. **Verify Compatibility:** Ensure your device (e.g., Codnida PSC-1, VZ-0122000U) requires a 12V DC input with a current draw of 2A or less. Using an incompatible adapter can damage your device.
2. **Connect to Device:** Insert the barrel plug connector of the adapter's power cable firmly into the DC input port of your Codnida security camera or compatible device.
3. **Connect to Power Outlet:** Plug the AC prongs of the adapter into a standard 100-240V AC wall power outlet.
4. **Power On:** Your device should now receive power. Refer to your device's manual for specific power-on indicators or procedures.



Image: The Kircuit 12V AC/DC Adapter connected to a power strip, ready for use.

5. Operating Instructions

The Kircuit 12V AC/DC Adapter operates automatically once connected to a power source and a compatible device. It provides a stable 12V DC output to power or charge your device.

- **Automatic Operation:** The adapter will supply power as long as it is plugged into a live AC outlet and connected to a device.
- **Overcharge Protection:** The adapter is designed with built-in Charger IC and power fuse for rapid charging and overcharge protection, safeguarding your device's battery (if applicable) and the adapter itself.



Image: Front view of the Kircuit 12V AC/DC Adapter, showing the input/output specifications and regulatory marks.

6. Maintenance

Proper maintenance helps extend the lifespan of your adapter:

- **Cleaning:** Disconnect the adapter from the power outlet and the device before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- **Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid tightly winding the cable to prevent damage.
- **Inspect Cables:** Periodically inspect the power cable for any signs of fraying, cuts, or damage. If damage is observed, discontinue use immediately and replace the adapter.



Image: Two Kircuit 12V AC/DC Adapters, illustrating their compact design.

7. Troubleshooting

If you encounter issues with your Kircuit AC/DC Adapter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device not powering on/charging.	Adapter not plugged in correctly. Wall outlet is not live. Device is incompatible. Adapter or device is faulty.	Ensure adapter is fully plugged into both the wall outlet and the device. Test the wall outlet with another working appliance. Verify your device's power requirements match the adapter's output (12V DC, 2A). Try the adapter with another compatible device, or try another known-good adapter with your device.

Problem	Possible Cause	Solution
Adapter feels hot during use.	Normal operation (slight warmth). Overload. Poor ventilation.	A slight warmth is normal. If it's excessively hot, unplug immediately. Ensure the connected device does not exceed the adapter's 2A output. Ensure the adapter is in a well-ventilated area and not covered.
Sparking when plugging in.	Normal inrush current. Faulty outlet or adapter.	A small, brief spark is common. If sparking is continuous or large, unplug immediately. Try a different outlet. If the issue persists, discontinue use of the adapter.

If the problem persists after trying these solutions, please contact customer support.

8. Specifications

Detailed technical specifications for the Kircuit 12V AC/DC Adapter:

- **Brand:** Kircuit
- **Manufacturer:** Shenzhen Waweis Technology Co., Ltd
- **Input:** 100-240V AC, 50/60Hz, 0.3A
- **Output:** 12V DC, 2A (2000mA, 24W)
- **Connector Type:** Barrel Plug
- **Compatible Devices:** Codnida PSC-1, VZ-0122000U Security Cameras
- **Special Features:** 100% Brand New, High Quality AC/DC Power Charger (non-OEM), Built-in Dynamic IC, Charger IC & Power fuse for rapid charging and overcharge protection.
- **Color:** Black
- **Cord Length:** Approximately 6.5 ft (as indicated on product images)



Image: Side view of the Kircuit 12V AC/DC Adapter, highlighting the integrated power cord.

9. Warranty and Support

For warranty information or technical support, please contact the retailer or the manufacturer, Shenzhen Waweis Technology Co., Ltd. Keep your purchase receipt as proof of purchase.

For further assistance, please refer to the contact information provided with your purchase or visit the manufacturer's official website.

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