onerbl V8U0D, VC520+, V8U0E, V2C1G

Onerbl 12V AC/DC Adapter User Manual

For AVer CAM520, CAM530, EVC150, VC520+ Video Conferencing Cameras

1. Product Overview

This manual provides instructions for the Onerbl 12V AC/DC Adapter, designed as a replacement power supply for various AVer video conferencing cameras and other compatible computer peripherals. This adapter ensures reliable power delivery with built-in safety features.



Image 1.1: The Onerbl 12V AC/DC Adapter, including the main power brick and detachable AC power cord.

Key Features:

- **Compatibility:** Specifically designed for AVer CAM520, CAM530, EVC150, VC520+ 12x USB PTZ Video Conferencing Cameras (Models: V8U0D, VC520+, V8U0E, V2C1G).
- **Input Voltage:** Universal AC 100-240V, 50/60Hz, suitable for worldwide use.
- **Output Voltage:** Stable 12V DC output.
- **Safety Protections:** Features over-voltage protection, over-heat protection, short-circuit protection, and over-current protection.
- **Durable Design:** Constructed with quality materials including copper wire and a PVC jacket for enhanced durability.

2. Specifications

Feature	Detail
Brand	onerbl
Input Voltage	AC 100-240V, 50/60Hz
Output Voltage	DC 12V
Compatibility	AVer CAM520, CAM530, EVC150, VC520+ (Models: V8U0D, VC520+, V8U0E, V2C1G)
Safety Features	Over Voltage Protection, Over Heat Protection, Short-Circuit Protection, Over-Current Protection
Cable Length (Total)	Approximately 127.8 inches (324.6 cm)
Manufacturer	Shenzhen Waweis Technology Co., Ltd

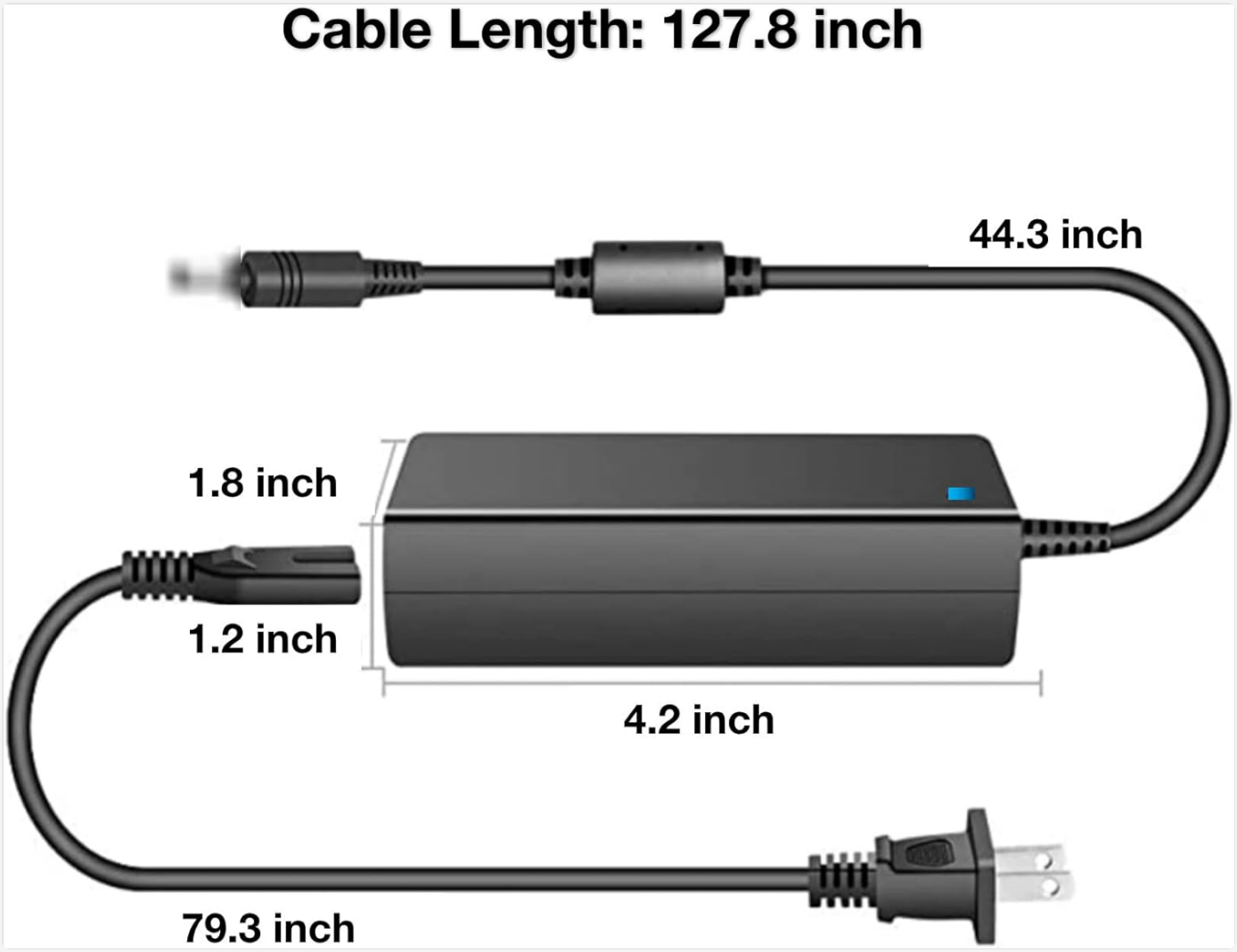


Image 2.1: Detailed dimensions of the adapter unit and its connected cables. The total cable length is approximately 127.8 inches.

3. Setup Instructions

Follow these steps to correctly set up your Onerbl 12V AC/DC Adapter:

1. **Unpack the Adapter:** Carefully remove the adapter and its power cord from the packaging.
2. **Connect the AC Power Cord:** Insert the detachable AC power cord into the adapter's input port. Ensure it is firmly seated.



Image 3.1: The detachable AC power cord, which connects the adapter to a wall outlet.

3. **Connect to Device:** Plug the DC output connector of the adapter into the power input port of your compatible AVer camera or peripheral. Verify that the connection is secure.
4. **Connect to Power Outlet:** Insert the AC plug of the power cord into a standard wall power outlet (AC 100-240V).



Image 3.2: The adapter properly connected to a wall outlet and ready for use with a device.

5. **Verify Power:** A blue indicator light on the adapter will illuminate when it is receiving power and functioning correctly.

Important: Ensure the voltage and current requirements of your device match the adapter's output specifications (12V DC) to prevent damage.

4. Operating Instructions

The Onerbl 12V AC/DC Adapter is designed for straightforward operation. Once properly connected, it will automatically supply power to your device.

- **Automatic Operation:** The adapter provides continuous power as long as it is plugged into a live electrical outlet and connected to your device.
- **Indicator Light:** The blue LED on the adapter indicates that power is being supplied. If the light is off, check all connections and the power outlet.
- **Safety Features:** The adapter incorporates a "Smart Chip" with multiple protection mechanisms:
    - Short-circuit protection

- Over-voltage protection
- Over-current protection
- Over-heat protection



Image 4.1: Illustration of the adapter's smart chip technology, highlighting its multiple safety protections.

- **Disconnection:** To disconnect power, first unplug the adapter from the wall outlet, then disconnect it from your device.

5. Maintenance

Proper care and maintenance will extend the life of your Onerbl AC/DC Adapter:

- **Cleaning:** Use a soft, dry cloth to clean the adapter. 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 coiling the cables.
- **Cable Care:** Regularly inspect the cables for any signs of damage, such as fraying or cuts. Do not use the adapter if the cables are damaged.
- **Avoid Stress:** Do not pull on the cables to disconnect the adapter. Always grasp the plug firmly.
- **Ventilation:** Ensure the adapter has adequate ventilation during operation. Do not cover it or place it in enclosed spaces that could lead to overheating.



Image 5.1: Illustration of the adapter's durable design, featuring copper wire and a protective PVC jacket for longevity.

6. Troubleshooting

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

Problem	Possible Cause	Solution
No power to device, adapter light off.	• Adapter not plugged in. • Power outlet is not active. • Loose connection. • Damaged adapter or cable.	• Ensure adapter is fully plugged into a working wall outlet. • Test the outlet with another device. • Check all cable connections for tightness. • If damaged, discontinue use and replace.
Device not charging/powering on, adapter light is on.	• Incorrect adapter for device. • Device power input issue. • Loose connection to device.	• Verify adapter compatibility with your device's specifications. • Ensure the DC connector is fully inserted into the device. • Test the device with its original adapter if available, or consult device manual.
Adapter feels excessively hot.	• Poor ventilation. • Overload or internal fault.	• Ensure adapter is in a well-ventilated area. • Disconnect immediately. If overheating persists, discontinue use and replace.

7. Warranty and Support

This Onerbl AC/DC Adapter is manufactured with quality and reliability in mind. While specific warranty details are not provided in this manual, most power adapters come with a standard manufacturer's warranty against defects in materials and workmanship.

For warranty claims, technical support, or further assistance, please contact your retailer or the manufacturer directly. Keep your purchase receipt as proof of purchase.

Manufacturer: Shenzhen Waweis Technology Co., Ltd

For general inquiries or to report issues, please refer to the contact information provided by your point of purchase.

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