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› AVerMedia AVerVision CP135 Document Camera User Manual

## AVerMedia CP135

# AVerMedia AVerVision CP135 Document Camera User Manual

## 1. INTRODUCTION

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This manual provides detailed instructions for the proper setup, operation, and maintenance of your AVerMedia AVerVision CP135 Document Camera. Please read this manual thoroughly before using the device to ensure optimal performance and safety. The AVerVision CP135 is designed to capture and display documents, objects, and images with clarity, making it suitable for educational and presentation environments.

## 2. SAFETY INFORMATION

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- **Power Supply:** Use only the power adapter supplied with the unit. Using an unauthorized adapter may damage the device and void the warranty.
- **Ventilation:** Ensure proper ventilation around the unit. Do not block ventilation openings.
- **Environment:** Avoid exposing the device to moisture, extreme temperatures, or direct sunlight. Operate in a clean, dry environment.
- **Handling:** Handle the flexible arm and camera head with care. Avoid excessive force or sudden movements.
- **Servicing:** Do not attempt to open or service the unit yourself. Refer all servicing to qualified personnel.

## 3. PACKAGE CONTENTS

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Please check the package contents to ensure all items are present:

- AVerMedia AVerVision CP135 Document Camera Unit
- Power Adapter
- VGA Cable
- USB Cable
- Remote Control (with batteries)
- Quick Guide / User Manual CD (if applicable)

## 4. PRODUCT OVERVIEW

Familiarize yourself with the various components and ports of the AVerVision CP135.





**Figure 4.1: Front-Side View of the CP135.** This image displays the overall structure of the AVerVision CP135, including the base unit, flexible arm, and camera head. The control panel is visible on the base.



**Figure 4.2: Side View of the CP135.** This view highlights the flexible gooseneck arm, which allows for versatile positioning of the camera head to capture various angles and objects.



**Figure 4.3: Camera Head with Integrated LED Lighting.** A close-up of the camera lens and the built-in LED lights, which provide illumination for clear image capture, especially in low-light conditions.



**Figure 4.4: Rear Connectivity Ports.** This image shows the various input and output ports on the rear of the base unit, including VGA input (RGB INPUT), VGA output (RGB OUTPUT), Composite Video output (VIDEO OUTPUT), and S-Video output (S-VIDEO OUTPUT).



**Figure 4.5: Bottom View of the CP135.** The underside of the unit, displaying the product label with model information, serial number, and power requirements. Note the warning: "DO NOT OPEN THE CASE".



**Figure 4.6: DC 12V Power Input.** A close-up of the DC 12V power input port located on the side of the base unit, where the power adapter connects.



**Figure 4.7: Top Control Panel.** This image shows the main control panel on the base unit, featuring buttons for power, mode selection, camera/PC toggle, zoom, focus, menu, freeze, effects, auto tune, and capture/delete functions.

## 5. SETUP

1. **Unpack the Unit:** Carefully remove the AVerVision CP135 from its packaging.
2. **Position the Camera:** Place the base unit on a stable, flat surface. Adjust the flexible arm to position the camera head over the desired object or document.
3. **Connect Power:** Insert the DC plug of the power adapter into the DC 12V IN port on the side of the base unit (refer to Figure 4.6). Plug the power adapter into a standard electrical outlet.
4. **Connect to Display/Computer:**
  - **For Projector/Monitor:** Connect a VGA cable from the VGA OUT port (RGB OUT) on the CP135 to

the VGA input of your projector or monitor.

- **For Computer:** Connect a USB cable from the USB port on the CP135 (if available, typically on the side or rear) to a USB port on your computer. Install any necessary drivers or software provided by AVerMedia.
- **For TV/VCR:** Use the Composite Video (VIDEO OUTPUT) or S-Video (S-VIDEO OUTPUT) ports for connection to compatible devices.

5. **Power On:** Press the **POWER** button on the control panel (Figure 4.7) to turn on the unit.

## 6. OPERATING INSTRUCTIONS

### 6.1 Basic Operation

- **Power On/Off:** Press the **POWER** button to turn the unit on or off.
- **Camera/PC Mode:** Press the **CAMERA/PC** button to switch between displaying the camera's live image and a connected computer's output.
- **Zoom:** Use the **ZOOM IN (+)** and **ZOOM OUT (-)** buttons to adjust the magnification of the image.
- **Focus:** Press the **AUTO TUNE** button for automatic focus adjustment. Manual focus may also be available via menu options.
- **Image Freeze:** Press the **FREEZE** button to pause the live image. Press again to resume.
- **LED Lighting:** The integrated LED lights (Figure 4.3) can be toggled on/off or adjusted for brightness via the control panel or remote control, if available.

### 6.2 Advanced Functions (via Menu)

Press the **MENU** button to access advanced settings. Use the directional buttons and **ENTER** to navigate and select options. Common menu options include:

- **Image Adjustments:** Brightness, Contrast, Color, White Balance.
- **Effects:** Positive/Negative, Black & White, Mirror, Rotate.
- **Resolution:** Adjust output resolution to match your display.
- **Capture/Delete:** If the unit has internal memory or a connected storage device, these buttons allow capturing images or deleting stored files.

## 7. MAINTENANCE

- **Cleaning the Lens:** Use a soft, lint-free cloth specifically designed for optical lenses to gently wipe the camera lens. Do not use abrasive cleaners or solvents.
- **Cleaning the Unit:** Wipe the exterior of the unit with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, followed by a dry cloth. Ensure no liquid enters the unit.
- **Storage:** When not in use, store the document camera in a cool, dry place, away from direct sunlight and dust.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power adapter not connected; Power outlet faulty; Unit not turned on.	Ensure power adapter is securely connected to the unit and a working outlet. Press the POWER button.

Problem	Possible Cause	Solution
No image on display	Incorrect input selected on display; Cable not connected properly; Camera/PC mode incorrect.	Select the correct input source on your projector/monitor. Check all cable connections. Press CAMERA/PC button to switch modes.
Image is blurry	Out of focus; Object too close/far; Lens dirty.	Press AUTO TUNE for auto-focus. Adjust the distance of the object from the camera. Clean the camera lens.
Image is too dark/bright	Insufficient/excessive lighting; Brightness/contrast settings incorrect.	Adjust ambient lighting. Use the built-in LED lights. Adjust brightness and contrast settings via the menu.

## 9. SPECIFICATIONS

- **Brand:** AVerMedia
- **Model:** AVerVision CP135
- **Compatible Devices:** Camera (Document Camera)
- **Connectivity:** VGA Input, VGA Output, Composite Video Output, S-Video Output, DC 12V Power Input
- **Item Weight:** Approximately 8.82 Pounds (4 kg)
- **Manufacturer:** AVer Information
- **UPC:** 848090001183
- **ASIN:** B006V664TI

## 10. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, and service, please refer to the warranty card included with your product or visit the official AVerMedia website. AVerMedia provides resources and contact information for customer assistance.

**AVerMedia Official Website:** [www.avermedia.com](http://www.avermedia.com)