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PKPOWER B08CV6BMSM

PKPOWER 100ft BNC Video and Power Cable User Manual

Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your PKPOWER 100ft BNC Video and Power Cable. This cable is designed to transmit both video signals and power to analog CCTV security cameras, simplifying installation by combining two essential functions into a single cable run.

Product Overview

The PKPOWER 100ft BNC Video and Power Cable is a dual-purpose solution for connecting analog security cameras. It features BNC connectors for video transmission and DC power connectors for power supply, eliminating the need for separate video and power cables. This cable is 100 feet (approximately 30.5 meters) in length and is white in color. It is compatible with various analog TVL CCTV bullet security cameras, such as the Lorex MC7530 model.

- **Dual Functionality:** Transmits both video and power through a single cable.
- **Length:** 100 feet (approximately 30.5 meters) for extended reach.
- **Connectors:** Standard BNC for video, DC plug and jack for power.
- **Compatibility:** Designed for analog TVL CCTV security cameras.
- **Quality Assurance:** PKPOWER products are CE / FCC / RoHS certified, ensuring compliance with safety and environmental standards.

Setup Instructions

Follow these steps to properly connect your PKPOWER BNC Video and Power Cable:

1. **Identify Connectors:** Locate the BNC (twist-lock) connectors for video and the DC barrel connectors (male plug, female jack) for power on both ends of the cable.
2. **Connect Video:** Attach one BNC connector from the cable to the video output port of your analog security camera. Connect the other BNC connector to the video input port on your DVR, monitor, or video capture device. Ensure the BNC connectors are twisted securely into place.
3. **Connect Power:** Plug the DC male connector from the cable into the power input port of your analog security camera. Connect the DC female jack from the cable to the DC male plug of your camera's power adapter. Then, plug the power adapter into a suitable electrical outlet.

4. **Secure Connections:** Ensure all connections are firm and secure to prevent signal loss or power interruptions.



Figure 1: Overview of the PKPOWER 100ft BNC Video and Power Cable, showing the coiled cable and both sets of connectors. This image illustrates the full length and dual-purpose design of the cable.



Figure 2: Close-up view of the BNC (yellow) and DC (red) connectors on the PKPOWER cable. This image highlights the specific connector types used for video signal and power delivery.

Operating Instructions

Once the PKPOWER BNC Video and Power Cable is correctly installed and all connections are secure, the cable operates passively. It facilitates the transmission of the video signal from your camera to your recording/monitoring device and delivers power from your adapter to the camera. No further user interaction is required for the cable itself.

- Ensure the camera and recording device are powered on after cable connection.
- Verify that the video signal is displayed correctly on your monitor or recorded by your DVR.

Maintenance

To ensure the longevity and optimal performance of your PKPOWER BNC Video and Power Cable, follow these maintenance guidelines:

- **Regular Inspection:** Periodically check the cable for any signs of physical damage, such as cuts, kinks, or frayed insulation.
- **Connection Check:** Ensure all BNC and DC connections remain tight and free from corrosion.
- **Cleaning:** If necessary, gently wipe the cable and connectors with a dry, soft cloth to remove dust or dirt. Avoid using harsh chemicals or abrasive materials.
- **Environmental Protection:** While designed for security applications, avoid exposing the cable to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture unless specifically rated for such conditions.
- **Cable Management:** Avoid sharp bends or excessive tension on the cable during installation and use to prevent internal wire damage.

Troubleshooting

If you encounter issues with your PKPOWER BNC Video and Power Cable, consider the following troubleshooting steps:

- **No Video Signal:**
  - Verify that both BNC connectors are securely attached to the camera and the recording/monitoring device.
  - Ensure the camera and the recording/monitoring device are powered on and functioning correctly.
  - Test the camera and recording device with a different, known-good BNC cable if available.
  - Check the video input selection on your DVR/monitor.
- **No Power to Camera:**
  - Confirm that the DC power connectors are firmly plugged into the camera and the power adapter.
  - Ensure the power adapter is plugged into a working electrical outlet.
  - Verify that the power adapter itself is functioning correctly (e.g., check for indicator lights if present).
  - Test the camera with a different, known-good power adapter and cable if available.
- **Poor Video Quality (Flickering, Distortion):**
  - Check all BNC connections for looseness or corrosion.
  - Ensure the cable is not running parallel to high-voltage power lines or other sources of electromagnetic interference.
  - Inspect the cable for any physical damage.

Specifications

Product Type	BNC Video and DC Power Cable
Brand	PKPOWER
Length	100 feet (approximately 30.5 meters)
Color	White
Connectors	BNC Male (Video), DC Male (Power), DC Female (Power)
Compatibility	Analog TVL CCTV Security Cameras (e.g., Lorex MC7530)
Item Weight	Approximately 15 ounces (425 grams)

ASIN	B08CV6BMSM

Warranty and Support

PKPOWER is committed to providing high-quality products and excellent customer service. For any questions, concerns, or assistance with your PKPOWER BNC Video and Power Cable, please contact our customer support team. Our friendly and reliable customer service will respond to you within 24 hours to address your inquiries.
Please refer to your purchase documentation or the PKPOWER official website for specific warranty terms and conditions applicable to this product.

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