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VideoSecu CBV1003

VideoSecu 100ft Video Power HD Security Camera Cables User Manual

Model: CBV1003

Product Overview

The VideoSecu 100ft Video Power HD Security Camera Cables are pre-made, all-in-one extension cords designed for Closed Circuit Television (CCTV) applications. These cables simplify the installation of surveillance systems by combining both video and power transmission into a single cable. They are compatible with various security camera systems, including 960H, HD-CVI, HD-TVI, AHD, 720P, 960P, 700TVL, 1000TVL, and 1200TVL cameras.
Each pack includes three 100-foot cables and six BNC to RCA adapters, allowing for flexible connection options.

Image: Three 100-foot VideoSecu video and power cables, each coiled and featuring BNC and DC power connectors at both ends. Also visible are small BNC to RCA adapters.

Key Features

- **All-in-One Design:** Combines video signal and DC power transmission into a single cable, reducing cable clutter and simplifying installation.
- **Length:** Each cable is 100 feet (approximately 30.5 meters) long, providing ample reach for various surveillance setups.
- **Connectors:** Equipped with BNC connectors for video and standard DC power plugs (male and female) for power.
- **Versatile Compatibility:** Supports 960H, HD-CVI, HD-TVI, AHD, 720P, 960P, 700TVL, 1000TVL, and 1200TVL security cameras.

- **Plug and Play:** Designed for easy and quick installation without complex wiring.
- **Included Adapters:** Comes with 6 BNC to RCA adapters for broader compatibility with RCA-enabled devices.

Setup Instructions

1. **Prepare Your System:** Ensure your security camera(s) and DVR/monitor system are powered off before connecting cables.
2. **Identify Connectors:** Each VideoSecu cable has two main ends: one for video (BNC) and one for power (DC male/female).
3. **Connect Video:**
    - Connect one BNC end of the cable to the video output port of your security camera.
    - Connect the other BNC end of the cable to the video input port on your DVR or monitor.
    - *If your DVR/monitor uses RCA inputs, use the provided BNC to RCA adapters. Attach the adapter to the BNC end of the cable, then connect the RCA end to your device.*

Image: A single 100-foot VideoSecu video and power cable, coiled, showing the BNC and DC power connectors at both ends, ready for connection.

4. **Connect Power:**
    - Connect the DC power male plug of the cable to the power input of your security camera.
    - Connect the DC power female jack of the cable to the power adapter (not included) that will supply power to the camera. Ensure the power adapter matches the camera's voltage and current requirements.
5. **Route Cables:** Carefully route the cables to avoid kinks, sharp bends, or interference with other electrical wiring.

Secure cables using clips or ties as needed.

6. **Power On:** Once all connections are secure, power on your DVR/monitor system and then your security cameras.

Operating Instructions

These cables are passive components designed to transmit video and power signals. Their operation is integrated with your security camera and DVR/monitor system. Once properly connected, the cables facilitate the transmission of signals, allowing your surveillance system to function as intended.
Ensure that all connections remain secure and free from damage to maintain optimal signal quality. Regularly check connections, especially if you experience signal loss or degradation.

Maintenance

The VideoSecu cables require minimal maintenance. Follow these guidelines to ensure longevity and reliable performance:

- **Regular Inspection:** Periodically inspect the cables for any signs of physical damage, such as cuts, fraying, or severe kinks.
- **Clean Connectors:** If connections appear loose or signal quality degrades, gently clean the metal contacts of the BNC and DC power connectors using a dry, lint-free cloth. Avoid using liquids or abrasive materials.
- **Environmental Protection:** While durable, avoid exposing the cables to extreme temperatures, direct prolonged sunlight, or excessive moisture, which can degrade the cable's insulation over time.
- **Secure Routing:** Ensure cables are securely routed and not under tension or in areas where they can be tripped over or damaged by heavy objects.

Troubleshooting

Problem	Possible Cause	Solution
No video signal / Black screen	• Loose or incorrect BNC connection. • Camera or DVR not powered on. • Damaged cable. • Incorrect video input selected on DVR/monitor.	• Check and secure all BNC connections. • Ensure camera and DVR/monitor are powered on. • Inspect cable for damage; replace if necessary. • Verify correct video input channel on DVR/monitor.

Problem	Possible Cause	Solution
Poor video quality (fuzzy, distorted, lines)	• Loose BNC connection. • Electrical interference. • Cable length too long for signal type (less common with 100ft). • Damaged cable.	• Secure BNC connections. • Route cables away from power lines or other sources of interference. • Inspect cable for damage; replace if necessary.
Camera not powering on	• Loose or incorrect DC power connection. • Power adapter failure. • Damaged power line within the cable.	• Check and secure all DC power connections. • Test power adapter with another device or use a different adapter. • Inspect cable for damage; replace if necessary.

Specifications

Attribute	Detail
Brand	VideoSecu
Model Number	CBV1003
Cable Length	100 feet (approx. 30.5 meters) per cable
Quantity	3 cables per pack
Cable Type	All-in-one Video and Power (Composite)
Video Connector	BNC Male
Power Connector	DC Male (input to camera), DC Female (input from power adapter)
Included Adapters	6 x BNC to RCA Adapters
Color	Black
Compatibility	960H, HD-CVI, HD-TVI, AHD, 720P, 960P, 700TVL, 1000TVL, 1200TVL CCTV Security Cameras and DVR Systems
Power Type	For DC power only
UPC	753182731506

Image: Two BNC to RCA adapters, which are included with the cables for broader compatibility.

Warranty and Support

Specific warranty information for this product is not provided in the available documentation. For details regarding warranty coverage or technical support, please refer to the manufacturer's official website or contact VideoSecu customer service directly.

For general inquiries or assistance with product usage, please consult the troubleshooting section of this manual or refer to online resources related to CCTV cable installation.

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