

Zmodo W-VPA2030

Zmodo W-VPA2030 99-Foot Pre-Made Surveillance Cable Instruction Manual

Model: W-VPA2030

INTRODUCTION

The Zmodo W-VPA2030 is a 99-foot pre-made plug-n-play cable designed for surveillance systems. This cable integrates video, power, and audio lines into a single Siamese cable, simplifying the installation process for security cameras. It features BNC connectors for video, 5.5mm barrel connectors for power, and RCA connectors for audio, ensuring compatibility with a wide range of surveillance equipment.

PRODUCT FEATURES

- **Length:** 99 feet (approximately 30 meters) for extended reach.
- **Integrated Design:** Siamese cable combines video, power, and audio into one jacket.
- **Video Connection:** BNC connectors for reliable video signal transmission.
- **Power Connection:** 5.5mm barrel connectors for standard power input/output.
- **Audio Connection:** RCA connectors for audio signal transmission.
- **Video Cable Type:** 95% copper shielded coax for minimal interference.
- **Power Cable Type:** 22AWG twisted pair for efficient power delivery.
- **Durability:** Suitable for both indoor and outdoor surveillance applications.

SETUP AND INSTALLATION

This section provides general guidelines for connecting the Zmodo W-VPA2030 cable to your surveillance system. Always refer to your camera and DVR/NVR's specific instructions for detailed connection diagrams.

1. Identify Connectors:

- **Video:** BNC connectors (twist-lock type).
- **Power:** 5.5mm barrel connectors (one male, one female).
- **Audio:** RCA connectors (push-on type).

2. Connect to Camera:

- Connect the **BNC video connector** from the cable to the video output port on your surveillance camera.
 - Connect the **male 5.5mm power connector** from the cable to the power input port on your surveillance camera.
 - If your camera supports audio, connect the **RCA audio connector** from the cable to the audio output port on your camera.
3. **Route the Cable:** Carefully route the 99-foot cable from the camera location to your Digital Video Recorder (DVR) or power source, avoiding sharp bends or excessive tension. Ensure the cable is secured to prevent accidental disconnections or damage.
4. **Connect to DVR/Power Source:**
- Connect the other end's **BNC video connector** to a video input channel on your DVR/NVR.
 - Connect the **female 5.5mm power connector** to a compatible power adapter (not included) or a power distribution box.
 - If using audio, connect the other end's **RCA audio connector** to an audio input channel on your DVR/NVR.
5. **Power On:** Once all connections are secure, power on your surveillance camera and DVR/NVR system. Verify that video, power, and audio signals are being transmitted correctly.



Image: Zmodo W-VPA2030 99-foot pre-made surveillance cable. This image displays the Zmodo W-VPA2030 cable, highlighting its integrated video, power, and audio lines. The cable features BNC connectors for video, RCA connectors for audio, and a 5.5mm barrel connector for power, designed for surveillance camera systems.

OPERATION

The Zmodo W-VPA2030 cable is a passive component designed to transmit signals. Its operation is directly tied to the proper functioning of the connected surveillance camera and recording device (DVR/NVR).

- Ensure all connectors are securely fastened to maintain stable video, power, and audio signals.
- Verify that the power adapter connected to the cable provides the correct voltage and amperage for your camera.
- Monitor your DVR/NVR for continuous video feed and audio input (if applicable) to confirm proper signal transmission.

MAINTENANCE

Proper maintenance ensures the longevity and reliable performance of your Zmodo W-VPA2030 cable.

- **Regular Inspection:** Periodically inspect the cable for any signs of physical damage, such as cuts, kinks, or frayed insulation, especially in outdoor installations.
- **Connector Check:** Ensure all BNC, RCA, and power connectors remain clean and free of corrosion. Loose or dirty connections can lead to signal loss or degradation.
- **Environmental Protection:** If installed outdoors, ensure the cable is protected from extreme weather conditions where possible. While designed for outdoor use, minimizing direct exposure to harsh elements can extend its lifespan.
- **Cleaning:** Use a soft, dry cloth to gently wipe down the cable if it becomes dirty. Avoid using harsh chemicals or abrasive cleaners.

TROUBLESHOOTING

If you encounter issues with your surveillance system after installing the Zmodo W-VPA2030 cable, consider the following troubleshooting steps:

- **No Video Signal:**
 - Check both ends of the BNC video connection to ensure they are securely twisted and locked.
 - Verify that the camera is receiving power.
 - Test the camera with a shorter, known-good cable if available.
 - Ensure the DVR/NVR input channel is correctly configured and functioning.
- **Poor Video Quality (Flickering, Lines, Distortion):**
 - Inspect the BNC connectors for any damage or corrosion.
 - Ensure the cable is not running parallel to high-voltage power lines or other sources of electromagnetic interference.
 - Check for kinks or severe bends in the cable that could damage the internal coax.
- **No Power to Camera:**
 - Confirm the power adapter is plugged into a working outlet and is supplying power.
 - Check the 5.5mm power connections at both the camera and the power source for secure fit.
 - Ensure the power adapter's voltage and amperage match the camera's requirements.
- **No Audio Signal:**
 - Verify that your camera has an audio output and that it is enabled.
 - Check both ends of the RCA audio connection for secure fit.
 - Ensure the DVR/NVR audio input channel is correctly configured and functioning.

SPECIFICATIONS

Brand	Zmodo
Model	W-VPA2030
Length	99 feet
Cable Type	Siamese (Video, Power, Audio)
Video Connector	BNC (Male-to-Male)
Power Connector	5.5mm Barrel (Male-to-Female)
Audio Connector	RCA (Male-to-Male)

Video Cable Construction	95% Copper Shielded Coax
Power Cable Gauge	22 AWG Twisted Pair
Compatible Devices	Surveillance Cameras
Recommended Use	Surveillance Systems
Indoor/Outdoor Usage	Indoor, Outdoor
Item Weight	3.2 pounds
Color	Black
UPC	132018332665, 872182773450, 803983027534, 846655001548, 320127545926

WARRANTY AND SUPPORT

For information regarding product warranty, technical support, or service, please refer to the official Zmodo website or contact Zmodo customer service directly. Keep your purchase receipt for warranty claims. You can typically find support contact information on the manufacturer's official website: www.zmodo.com

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question