

PARKVISION PJ-120Cable

PARKVISION Bicycle Camera Extension Cable User Manual

Model: PJ-120Cable

1. PRODUCT OVERVIEW

The PARKVISION PJ-120Cable is a high-quality extension cord designed specifically for PARKVISION bicycle rear view camera systems. This cable extends the reach between your bicycle camera and monitor, ensuring flexible installation options for various bicycle setups, including cargo bikes and tricycles. It is compatible with PARKVISION bicycle mirror camera sets BK-430, BK-436, BK-439, and PJ-BR2, providing a reliable connection for clear video transmission.

2. PACKAGE CONTENTS

- 1 x PARKVISION 2.5M (6.5ft) Extension Cable with 6-pin connectors
- 6 x Adhesive Fiber Straps (for cable management)



Figure 2.1: Contents of the package, showing the coiled extension cable with its 6-pin male and female connectors, alongside six adhesive fiber straps for securing the cable.

3. SETUP AND INSTALLATION

This extension cable is designed for simple plug-and-play installation. Ensure your bicycle camera system (camera and monitor) is powered off before connecting the extension cable.

1. **Identify Connectors:** Locate the 6-pin male connector on your bicycle camera's existing cable and the 6-pin female input on your monitor.
2. **Connect Extension Cable:**
 - Connect the female end of the PJ-120Cable extension to the male connector of your bicycle camera's cable.
 - Connect the male end of the PJ-120Cable extension to the female input port on your bicycle monitor.
3. **Secure Connections:** Ensure all connections are firmly seated to prevent signal loss.
4. **Route Cable:** Carefully route the extension cable along your bicycle frame, avoiding moving parts, sharp edges, or

areas where it could be pinched or damaged.

5. **Use Adhesive Straps:** Utilize the provided adhesive fiber straps to secure the cable neatly to the bicycle frame, preventing it from dangling or interfering with operation.

PRODUCT WIRING DISPLAY

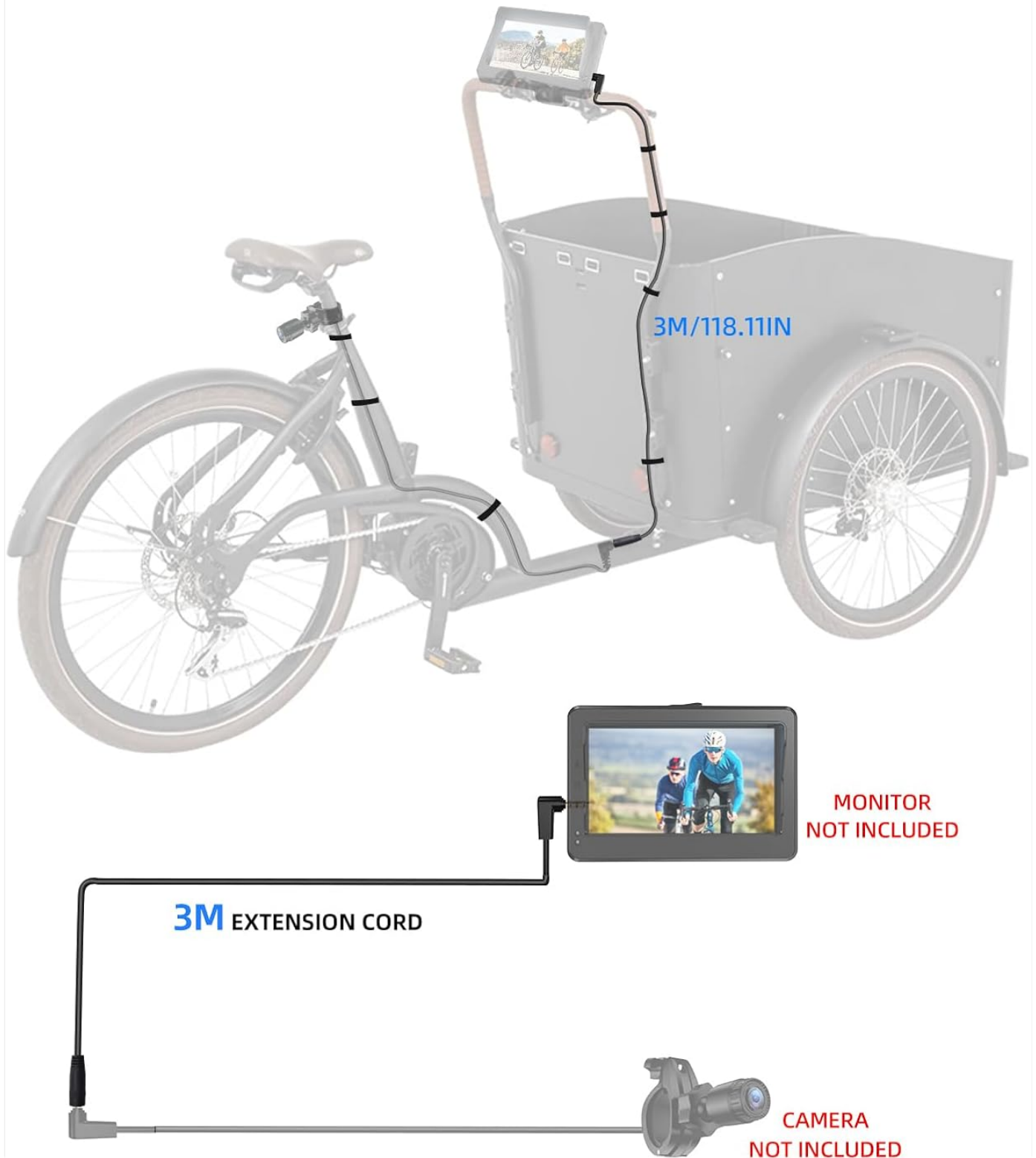


Figure 3.1: Wiring display illustrating how the 2.5M extension cord connects the bicycle camera to the monitor, typically routed along the bicycle frame. The monitor and camera are not included with this cable.

4. OPERATING INSTRUCTIONS

Once the extension cable is properly installed, the bicycle camera system will operate as usual. The cable facilitates the transmission of video signals from the camera to the monitor over an extended distance.

- Ensure the camera and monitor are powered on according to their respective user manuals.
- Verify that the video feed from the camera appears clearly on the monitor.

5. MAINTENANCE

Proper maintenance will extend the lifespan of your extension cable:

- **Cleaning:** Wipe the cable with a soft, dry cloth to remove dust or dirt. Avoid using harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically inspect the cable for any signs of wear, cuts, kinks, or damage to the connectors.
- **Storage:** When not in use, coil the cable loosely and store it in a dry, cool place away from direct sunlight and extreme temperatures.
- **Avoid Stress:** Do not pull on the cable itself to disconnect it; always grasp the connector ends. Avoid sharp bends or excessive tension on the cable.

6. TROUBLESHOOTING

If you experience issues with your bicycle camera system after installing the extension cable, consider the following:

Problem	Possible Cause	Solution
No video signal on monitor	Loose or incorrect connection; Damaged cable; Incompatible system.	Ensure all 6-pin connectors are fully seated and secure. Verify the cable is connected to the correct ports on both camera and monitor. Inspect the cable for visible damage (cuts, kinks). If damaged, replace the cable. Confirm your camera and monitor are PARKVISION models BK-430, BK-436, BK-439, or PJ-BR2.
Intermittent video signal	Loose connection; Cable interference; Minor cable damage.	Check and re-secure all connections. Ensure the cable is not routed near strong electromagnetic interference sources. Inspect for subtle damage; try wiggling the cable gently at different points to identify a faulty section.

7. SPECIFICATIONS

Feature	Detail
Product Name	PARKVISION Bicycle Camera Extension Cable
Model Number	PJ-120Cable
Cable Length	2.5 meters (approximately 6.5 feet or 98.4 inches)
Connector Type	6-pin male to 6-pin female
Compatibility	PARKVISION BK-430, BK-436, BK-439, PJ-BR2 bicycle camera systems

Feature	Detail
Color	Black
Weight	Approximately 59 g (0.13 lbs)



Figure 7.1: Detailed view of the cable's connectors (2.5mm diameter) and its total length of 300cm (118.11 inches), along with the included adhesive fiber straps. Note: Product specifications state 2.5 meters.

8. WARRANTY INFORMATION

Specific warranty details for the PARKVISION PJ-120Cable are not provided in this manual. Please refer to the original product packaging or the official PARKVISION website for the most current warranty policy and registration information. Keep your purchase receipt as proof of purchase for any warranty claims.

9. CUSTOMER SUPPORT

For technical assistance, troubleshooting, or inquiries regarding the PARKVISION PJ-120Cable, please contact PARKVISION customer support through their official website or the retailer from whom you purchased the product. When contacting support, please have your product model number (PJ-120Cable) and purchase details ready.

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