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Strex SP130

Strex Wired Reversing Camera System User Manual

Model: SP130

1. Introduction

Thank you for choosing the Strex Wired Reversing Camera System. This comprehensive system is designed to enhance safety and convenience when maneuvering large vehicles such as trucks, campers, and buses. Featuring a 9-inch display and four high-definition cameras with night vision capabilities, it provides a clear and wide-angle view of your surroundings.
This manual provides detailed instructions for the installation, operation, and maintenance of your new camera system. Please read it thoroughly before use to ensure proper functionality and to prevent damage.



Image: The 9-inch monitor is ideal for various large vehicles, including trucks, campers, buses, and other heavy machinery, providing enhanced visibility.

2. Safety Information

Please observe the following safety precautions to prevent injury or damage to the product:

- Always ensure the system is installed by a qualified professional if you are unsure about the wiring process.
- Do not attempt to disassemble or modify the unit. This may cause damage and void the warranty.
- Keep the monitor and cameras away from extreme temperatures, direct sunlight for prolonged periods, and excessive moisture.
- Ensure all cables are securely connected and routed to prevent interference with vehicle operation or damage from moving parts.
- This system is an aid for safe driving and parking. Always check your surroundings manually and use mirrors in addition to the camera system.

3. Package Contents

Verify that all items are present in the box before proceeding with installation:

- 9-inch HD Monitor
- 4 x Wired Cameras with mounting brackets
- 4 x Video Extension Cables (2x 20m, 2x 10m)
- Power Cable for Monitor
- Remote Control
- Mounting Hardware (screws, adhesive pad)
- User Manual



Image: A visual representation of the complete package contents, including the 9-inch monitor, four cameras with accessories, and the user manual.

4. Setup and Installation

Follow these steps for proper installation of your Strex camera system:

4.1. Camera Placement

- Determine the optimal locations for each of the four cameras. Common placements include the rear of the vehicle, sides, or front, depending on your specific needs.
- Ensure the chosen locations provide a clear, unobstructed view and are protected from direct impact. The cameras are IP67 waterproof, suitable for outdoor use.
- Mount each camera securely using the provided brackets and screws. Adjust the angle for the desired field of view.



Image: The robust, IP67 waterproof housing of the camera ensures reliable performance in all weather conditions, including rain and snow.

4.2. Wiring the Cameras

- Connect each camera to one of the provided video extension cables.
- Carefully route the extension cables from each camera to the location where the monitor will be installed (e.g., the cabin). Ensure cables are not pinched or exposed to excessive heat or moving parts.

- Connect the other end of each video extension cable to the corresponding video input on the 9-inch monitor. The monitor typically has labeled inputs (CH1, CH2, CH3, CH4).



Image: The system uses a wired connection for optimal stability and includes four extension cables (2x 20m and 2x 10m) for flexible installation.

4.3. Monitor Installation and Power

- Mount the 9-inch monitor in a convenient and safe location within the vehicle's cabin, ensuring it does not obstruct your view or interfere with airbags.
- Connect the monitor's power cable to a suitable 12V/24V DC power source in your vehicle. It is recommended to connect it to an ignition-switched power source to prevent battery drain.
- Ensure all connections are secure and insulated to prevent short circuits.

5. Operating Instructions

Once installed, operating your Strex camera system is straightforward:

5.1. Powering On/Off

- Press the 'POWER' button on the monitor or remote control to turn the system on or off.

5.2. Display Modes and Channel Selection

The monitor supports various display modes, allowing you to view one, two, three, or all four cameras simultaneously.

- Press the 'MODE' button on the monitor or remote control to cycle through different display layouts (e.g., single camera view, two-split view, four-split view).
- Use the 'CH' (Channel) button to select a specific camera when in single-camera view mode.



Image: The monitor offers fully adjustable display options, allowing you to view 1 to 4 cameras simultaneously in various split-screen configurations to suit your scenario.

5.3. Night Vision

The cameras are equipped with 18 infrared (IR) LEDs, providing clear night vision up to 15 meters.

- The night vision feature activates automatically in low-light conditions.

- Ensure the camera lenses are clean for optimal night vision performance.



Image: The camera's infrared (IR) sensor provides excellent night vision up to 15 meters, ensuring safe navigation even in dark conditions.

5.4. Wide-Angle View

Each camera provides a wide 120-degree viewing angle, minimizing blind spots.

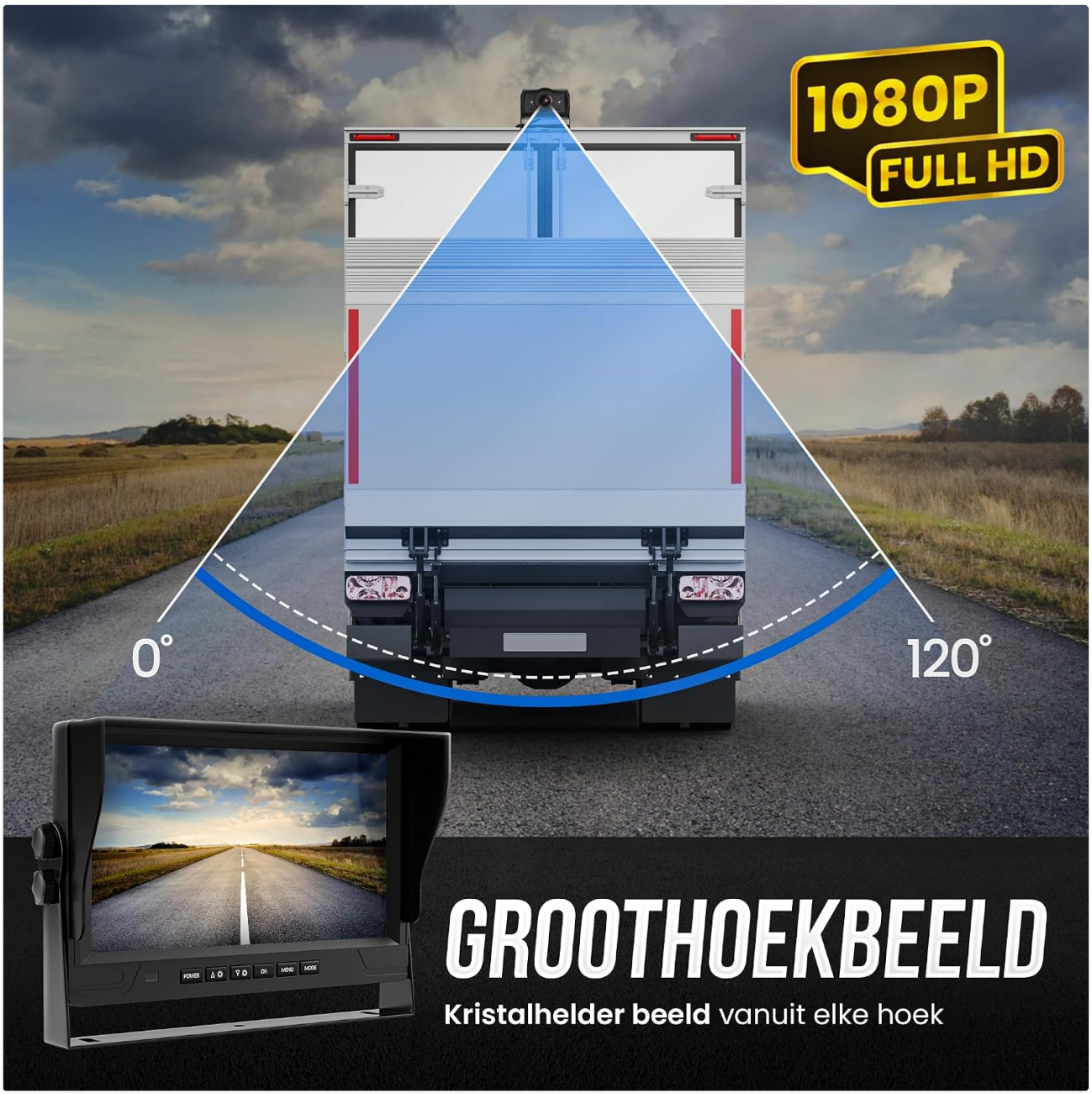

Image: The cameras offer a crystal-clear 120-degree wide-angle view, providing comprehensive coverage from every angle.

5.5. Menu Settings

- Press the 'MENU' button to access settings such as brightness, contrast, color, and mirror/normal image orientation.
- Use the arrow buttons (up/down) to navigate through menu options and the 'CH' button to confirm selections.

6. Maintenance

To ensure the longevity and optimal performance of your Strex camera system, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the camera lenses and monitor screen with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the surfaces.
- **Cable Inspection:** Periodically check all cables for signs of wear, fraying, or damage. Replace any damaged cables immediately to prevent electrical issues.

- **Mounting Security:** Ensure that all cameras and the monitor remain securely mounted. Tighten any loose screws or brackets as needed.
- **Waterproofing:** While the cameras are IP67 waterproof, avoid directing high-pressure water jets directly at them during vehicle washing.

7. Troubleshooting

If you encounter issues with your Strex camera system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image on monitor	No power to monitor; Loose cable connection; Faulty camera/monitor	Check power connection to monitor; Ensure all video cables are securely plugged in; Test with a different camera/monitor if available.
Image is blurry or distorted	Dirty camera lens; Loose cable connection; Interference	Clean camera lens; Check and secure all cable connections; Ensure cables are not near strong electromagnetic sources.
Night vision not working	Insufficient darkness for auto-activation; Faulty IR LEDs	Ensure ambient light is low enough; Contact support if IR LEDs are visibly not illuminating in darkness.
Remote control not working	Dead battery; Obstruction; Not pointed correctly	Replace remote control battery; Ensure no obstructions between remote and monitor's IR receiver; Point remote directly at the monitor.

If the problem persists after trying these solutions, please contact Strex customer support for further assistance.

8. Specifications

Feature	Specification
Model Number	SP130
Monitor Size	9 inches
Camera Quantity	4
Night Vision	18 IR LEDs, up to 15m
Waterproof Rating	IP67 (Cameras)
Viewing Angle	120 degrees
Connectivity	Wired
Power Input	12V/24V DC

9. Warranty and Support

Strex products are manufactured to high-quality standards. This product comes with a standard manufacturer's warranty against defects in materials and workmanship. Please refer to the warranty card included in your

package for specific terms and conditions, or visit the official Strex website for more details.
For technical support, troubleshooting assistance, or warranty claims, please contact Strex customer service through the contact information provided on the product packaging or the official Strex website. Please have your model number (SP130) and purchase details ready when contacting support.

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