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> Conpert Front View Camera for Toyota Land Cruiser 200 LC200 (2019-2021 AHD 720P) Instruction Manual

Conpert 2019-2021 AHD 720P

Conpert Front View Camera Instruction Manual

Model: 2019-2021 AHD 720P

INTRODUCTION

Thank you for choosing the Conpert Front View Camera. This manual provides essential information for the proper installation, operation, and maintenance of your new camera. Please read this manual thoroughly before installation and keep it for future reference.

SAFETY INFORMATION

- Ensure the vehicle's ignition is off and the battery is disconnected before beginning installation to prevent electrical shorts or damage.
- Installation should be performed by a qualified professional if you are unsure about any steps.
- Verify all connections are secure and properly insulated to avoid malfunctions.
- Do not obstruct the driver's view or interfere with vehicle safety systems during installation.
- The camera operates on a 12V DC power supply. Do not connect to 24V systems or high-power transformers.

PACKAGE CONTENTS

Please check the package for the following items:

- 1x Front View Camera
- 1x Video Cable
- 1x Power Cord



Image: Contents of the Conpert Front View Camera package, including the camera unit, video cable, and power cord.

COMPATIBILITY

This camera is designed for the following vehicle models:

- Toyota Land Cruiser 200 LC200 (2013-2020)

Important Note: This specific camera model (2019-2021 AHD 720P) is compatible with Toyota Land Cruiser 200 LC200 vehicles manufactured between 2019 and 2021. Before purchasing and installing, please verify that your vehicle's original front logo or front grille size is suitable for this camera. Even with the same model, variations may exist due to different manufacturing years. This specific model is an AHD 720P camera. Ensure your monitor or Android unit supports AHD input. If your display does not have an AHD option, this camera will not be compatible.

SPECIFICATIONS

Model	2019-2021 AHD 720P
Material	Plastic and Metal
Waterproof Grade	IP68
Shockproof Rating	6.8
Operating Voltage	DC 12V (\geq 80mA)

Operating Temperature	-22°F to 176°F (-30°C to 80°C)
Image Sensor	AHD 720P
Lens	Wide Angle, High-sensitivity



Image: Diagram showing the camera's approximate dimensions (126mm width, 40mm height) and its typical mounting location within the vehicle's front grille or logo area.

SETUP AND INSTALLATION

Follow these steps for proper installation of your front view camera:

1. **Prepare the Vehicle:** Ensure the vehicle is turned off and the battery is disconnected. Identify the mounting location, typically within the front grille or logo area of your Toyota Land Cruiser 200 LC200.
2. **Mount the Camera:** Carefully install the camera into the designated slot. The camera is designed to fit specific vehicle models and years. Ensure it is securely fastened.



Image: Side view of the Conpert Front View Camera, highlighting the integrated mounting clips designed for secure installation.

3. Connect the Power Cord:

- Connect the red wire of the power cord to a 12V accessory power source (e.g., ACC wire) that receives power when the ignition is on.
- Connect the black wire of the power cord to a reliable ground point on the vehicle chassis.



Image: Rear view of the Conpert Front View Camera, showing the connection port for the power and video cables.

4. Connect the Video Cable:

- Connect one end of the video cable (yellow RCA connector) to the camera's video output.
- Route the video cable neatly through the vehicle's interior to your display unit (monitor or Android head unit).
- Connect the other end of the video cable to the AHD video input on your display unit.



Image: Side profile of the Conpert Front View Camera with its integrated cable, illustrating the compact design.

5. **Test the System:** Reconnect the vehicle battery. Turn on the ignition and check if the camera feed appears on your display unit. Adjust the camera angle if necessary to achieve the desired view.

OPERATING INSTRUCTIONS

Once installed, the Conpert Front View Camera operates automatically when the vehicle's ignition is on and the display unit is set to the correct input.

- **Automatic Activation:** The camera will provide a live feed to your compatible display unit when the vehicle is powered on.
- **Wide Angle View:** The camera features an extra-large wide-angle lens, providing an expansive view of the area in front of your vehicle. This assists in parking and maneuvering in tight spaces, helping to avoid obstacles and potential collisions.
- **Excellent Night Vision:** Equipped with a high-sensitivity lens, the camera enhances visibility in low-light conditions, providing clear images and videos at night. This feature helps identify potential hazards that might otherwise be unseen.

MAINTENANCE

To ensure optimal performance and longevity of your camera, follow these simple maintenance guidelines:

- **Cleaning the Lens:** Regularly clean the camera lens with a soft, damp cloth to remove dirt, dust, or water spots. Avoid abrasive cleaners or materials that could scratch the lens.
- **Check Connections:** Periodically inspect all cable connections to ensure they remain secure and free from corrosion.
- **Environmental Protection:** The camera is designed to be waterproof (IP68) and shockproof (6.8), capable of operating in extreme temperatures (-22°F to 176°F). However, avoid direct high-pressure water jets on the camera for extended periods.

TROUBLESHOOTING

If you encounter issues with your camera, refer to the following troubleshooting steps:

Problem	Possible Cause	Solution
No image on display	<ul style="list-style-type: none"> Loose power or video connection. Incorrect display input selected. No power to the camera. Display unit not compatible with AHD. 	<ul style="list-style-type: none"> Check all power and video cable connections. Ensure your display is set to the correct AHD video input. Verify the camera is receiving 12V power. Confirm your monitor or Android unit supports AHD input.
Flickering or distorted image	<ul style="list-style-type: none"> Poor video cable connection. Electrical interference. Faulty cable. 	<ul style="list-style-type: none"> Secure video cable connections. Ensure power and video cables are not routed near high-current wires. Replace video cable if damaged.
Image is blurry or unclear	<ul style="list-style-type: none"> Dirty camera lens. Incorrect focus (unlikely for fixed-focus cameras). Damage to the camera lens. 	<ul style="list-style-type: none"> Clean the camera lens with a soft cloth. Inspect the lens for physical damage.

WARRANTY AND SUPPORT

Conpert is committed to providing high-quality products. All front cameras undergo double testing by our professional inspection department before shipping to ensure you receive a perfect product.

For any questions or support needs, please contact us through the Amazon messaging system. We are dedicated to assisting our customers.

Return Policy: This product is eligible for a refund or replacement within 30 days of purchase, subject to Amazon's return policy.

