Orbit 535
User Manual

Package Contents

- Camera
- Suction cup mount kit
- Cigarette lighter adapter
- USB cable
- Quick guide
- Warranty card
- Cleaning cloth
- Rear camera (optional)
- Rear camera extension cable (optional)

Camera Overview

Dual Cam Installation

Make sure the rear camera is connected to the front cam before you start the installation.

Installation

- Clean the windshield with the cleaning cloth provided. Choose a location behind the rear-view mirror, where it will not obstruct the driver's view.
- Attach the suction cup mount to the windshield.
- Connect the USB cable to the camera and the cigarette lighter car charger.
- Insert the micro SD card (not included) into the camera.
- Turn on the car engine.
- Adjust the camera lens to the desired angle.

- Turn on the camera. It will start recording automatically.
- Set the date and time in the camera menu.

Rear Camera Installation

- Connect the rear camera to the rear camera extension cable.
- Connect the other end of the rear camera extension cable to the front camera.
- Route the rear camera cable along the edge of the windshield and roof lining to the rear window.
- Secure the rear camera with the mounting bracket.

Rear Camera Overview

Rear Camera Installation

- Connect the rear camera to the rear camera extension cable.
- Connect the other end of the rear camera extension cable to the front camera.
- Route the rear camera cable along the edge of the windshield and roof lining to the rear window.
- Secure the rear camera with the mounting bracket.

IV. Settings

- Recording Settings
- Video Duration

- Video Resolution
- Loop Recording
- Motion Detection
- Parking Mode
- Date Stamp
- Speed Unit
- Speed Limit
- Language
- Format
- Default Settings
- Version

Recording

- Press the Record button to start recording. Press it again to stop recording.
- Recording will automatically start when the camera is powered on.
- Loop recording is enabled by default. When the memory card is full, the oldest files will be overwritten.
- Motion detection records only when movement is detected in the camera's field of view.
- Parking mode records when the car is parked and the engine is off.

Playback

- Press the Playback button to enter playback mode.
- Use the Up and Down buttons to select a file.
- Press the OK button to play the selected file.
- Use the Left and Right buttons to fast forward or rewind.
- Press the Playback button again to exit playback mode.

Face Beautification

- Press the Menu button to enter the menu.
- Select Face Beautification.
- Choose your desired level of beautification.
- Press the OK button to confirm.

Playback Settings

- Playback Speed
- Delete Files

Video Out (optional)

- Connect the camera to a TV using the AV cable.
- Set the video output format in the camera menu (NTSC or PAL).
- Turn on the TV and select the correct input source.

Specifications

Display	2.0" LCD
Video Resolution	1080P @ 30fps
Lens	140° wide angle
Storage	Micro SD card (up to 128GB)
Power	5V DC via USB
Battery	Built-in rechargeable lithium battery
Operating Temperature	-10°C to 60°C
Dimensions	60mm x 40mm x 30mm
Weight	80g

Warranty

Your Orbit 535 is covered by a 1-year limited warranty. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, or unauthorized repairs.

Contact Us

If you have any questions or need support, please contact us at:

- Email: support@orbitcam.com
- Phone: 1-800-ORBIT-CAM
- Website: www.orbitcam.com

Safety Information

- Do not disassemble the camera.
- Keep the camera away from water and extreme temperatures.
- Use only the provided USB cable and car charger.
- Do not cover the camera lens during use.
- Ensure the camera is securely mounted to prevent it from falling.

Maintenance

- Clean the lens with the provided cleaning cloth.
- Format the memory card regularly to maintain performance.
- Check the camera's firmware for updates periodically.

Troubleshooting

Camera won't turn on: Check the USB connection and ensure the car is running.

No video recording: Check if the memory card is inserted correctly and has enough space.

Poor video quality: Clean the lens and adjust the camera angle.

Memory card error: Format the memory card or try a different one.

Parking mode not working: Ensure the camera is connected to a constant power source.

Frequently Asked Questions

Can I use a different memory card?
Yes, any Micro SD card up to 128GB is supported. We recommend using a high-endurance card for best results.

How do I update the firmware?
Download the latest firmware from our website and follow the instructions in the update guide.

Does the camera record audio?
Yes, audio recording is enabled by default. You can disable it in the settings menu.

What is the loop recording feature?
Loop recording automatically overwrites the oldest files when the memory card is full, ensuring continuous recording.

Glossary

- **Loop Recording:** Automatically overwrites old files when storage is full.
- **Motion Detection:** Records only when movement is detected.
- **Parking Mode:** Records when the car is parked and the engine is off.
- **Date Stamp:** Displays the date and time on the video.
- **Speed Unit:** Displays speed in MPH or KM/H.
- **Speed Limit:** Sets a speed limit for alerts.
- **Face Beautification:** Applies a beautification effect to faces in the video.
- **Micro SD Card:** A small memory card used for storing video files.
- **Suction Cup Mount:** A mount that attaches to the windshield using suction cups.
- **Cigarette Lighter Adapter:** Provides power to the camera from the car's cigarette lighter socket.
- **USB Cable:** Used for connecting the camera to a power source or computer.
- **Rear Camera:** An optional camera for recording the rear view.
- **Rear Camera Extension Cable:** Connects the rear camera to the front camera.
- **AV Cable:** Used for connecting the camera to a TV for video playback.
- **NTSC:** A video format used in North America and Japan.
- **PAL:** A video format used in Europe and other regions.
- **Firmware:** The software that controls the camera's operation.
- **Format:** Erases all data on the memory card and prepares it for use.
- **Default Settings:** Restores the camera to its original factory settings.
- **Version:** Displays the current firmware version.
- **Playback:** Allows you to view recorded video files.
- **Delete Files:** Deletes selected video files from the memory card.
- **Video Duration:** Sets the length of each recorded video file.
- **Video Resolution:** Sets the quality of the recorded video.
- **Loop Recording:** Enables or disables loop recording.
- **Motion Detection:** Enables or disables motion detection recording.
- **Parking Mode:** Enables or disables parking mode recording.
- **Date Stamp:** Enables or disables the date stamp on the video.
- **Speed Unit:** Sets the speed unit displayed on the video.
- **Speed Limit:** Sets a speed limit for alerts.
- **Language:** Sets the language of the camera's menu