Amcrest Car DVR ACD-830B Dash Camera
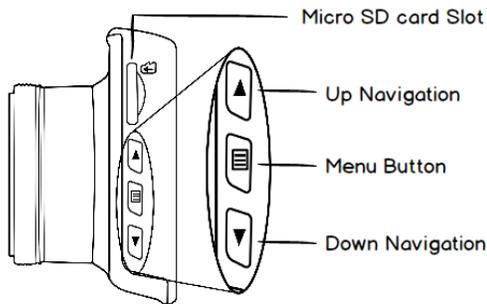
Quick Start Guide

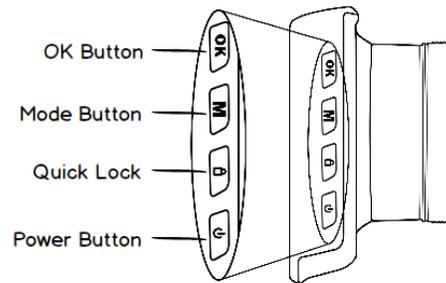Version 2.0
Revised February 27, 2017

Introduction

Thank you for purchasing our Amcrest ACD-830B Car DVR Camera!
This quick start guide is designed as a reference tool for the basic installation and operation of your Amcrest ACD-830B Car DVR Camera. To download a complete user manual, please visit www.amcrest.com/cardvr.
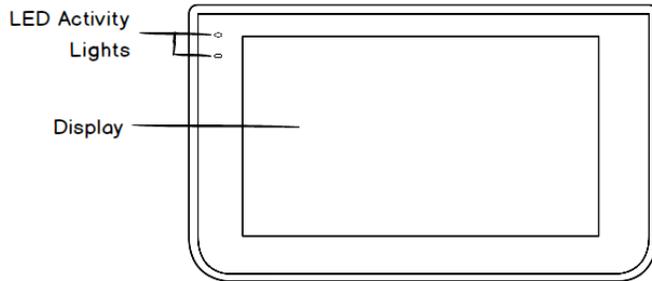
Camera Structure

LEFT VIEW

- Micro SD card Slot
- Up Navigation
- Menu Button
- Down Navigation

RIGHT VIEW

- OK Button
- Mode Button
- Quick Lock
- Power Button

LCD DISPLAY VIEW

- LED Activity Lights
- Display

LENS VIEW

- Lens
- Speaker

BOTTOM VIEW

- Microphone
- Reset Button (Embedded)

TOP VIEW

- Mini HDMI
- GPS Port
- Mini USB Port
- Mounting Screw Hole
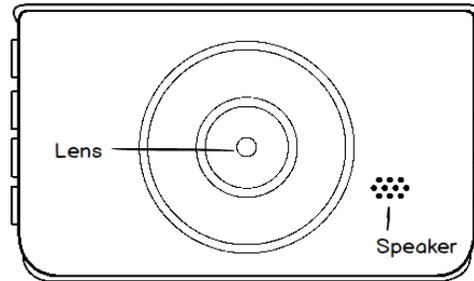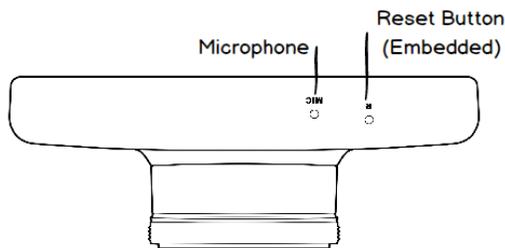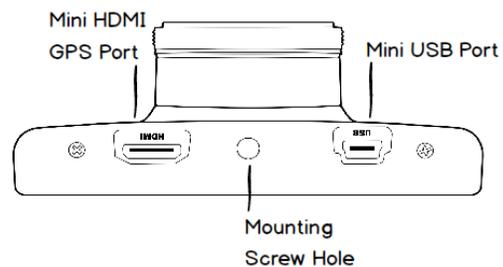
Getting Started

The camera comes with an internal rechargeable battery that charges with the provided car adapter. Charge the battery to full capacity for at least **4 hours** before initial use. Your camera will charge via the car adapter when the ignition to the car is activated and powered on. The internal battery is meant to keep time and date setting while providing power for parking collision detection recording. It should not be used as a primary power source.

Anytime the camera is powered on, the camera will boot up to Video Mode and initiate video recording by default. **To stop recording press the "OK" button to configure the camera. We recommend only using the camera when an external power source is connected. Please use the included Universal Car Adapter or Mini USB Cable to power on the camera.** If the camera is already plugged in from previous use and is off, use the power button on the right side of the camera to power on the camera.

Micro SD Card Installation

For optimal performance, the minimum requirements for storage is an 8GB Class 10 Micro SD Card. The maximum card size that can be used is 32GB. It is best to format the Micro SD Card using the camera. Please follow these directions to format the Micro SD Card:

1. Make sure the camera is off. Insert the Micro SD card into the slot on the left side of the camera.
2. Turn the camera on while using the external power source, or press the power button on the right side of the camera while plugged in.
3. Press the OK button to stop recording.
4. Press the (Menu) Button twice on the left side to enter the "General Settings" menu.
5. Use the down arrow on the left to scroll down to the "Format" option and press the "OK" button to select the option.
6. When prompted "All data will be deleted," select the "OK" option and press the OK button on the right to format the Micro SD card.
7. Once complete, press the menu button again to close the General Settings Menu.

Mode Selection

The Amcrest ACD-830B Car DVR Camera comes equipped with several modes to help capture video and/or images of traffic incidents.

1. Turn the camera on while using the included car adapter or USB cable.
2. If recoding is in progress, press the OK button on the right to stop recording.
3. Displayed in the top left of the screen is an icon which represents the mode the camera is in. While in the video mode the following icon will be shown: .
4. Press the M (Mode) button once to switch to the Still Mode: .

5. Press the M (Mode) button once again to switch to the Playback Mode. While in the playback mode notice either ▶ OR 🎞 displayed. Note: Still images are represented by ▶ and recorded videos are represented by 🎞.
6. Press M (Mode) button once again to return to video recording.

How to Record Video

Depending upon the ignition type of your vehicle, you may need to configure automatic recording or manual recording. This section will walk you through the steps needed to configure the desired recording types.

How to Record Automatically

1. Turn the camera on while using the included car adapter or USB cable.
2. After complete boot up, the camera automatically initiates video recording in the Video Mode 🎥. This is configured as such so that when the vehicle ignition is turned on the camera automatically begins recording.

How to Record Manually

Note: Manual recording may primarily be used in the instance that a car has a constant power source that is not engaged by the vehicle ignition.

1. Turn the camera on while using the included car adapter or USB cable. Once the camera is booted up, automatic recording will begin.
2. Press and hold the power button to stop recording.
3. Once recording is desired again simply press and hold the power button to initiate automatic recording.

TIP: While recording videos, use the quick lock button to lock video files. This protects the video file from being overwritten. The quick lock button is located on the right side of the camera indicated with the lock symbol.

How to Take Photos

1. Turn the camera on while using the included car adapter or USB cable. Once the camera is booted up, automatic recording will begin.
2. Press the OK button to stop recording.
3. Press the M (mode) button once to switch to the Still Mode. The mode icon shown should be: 🅂.
4. While in this mode press the OK button to capture images.
5. To return to other modes or view images press the M (mode) button.
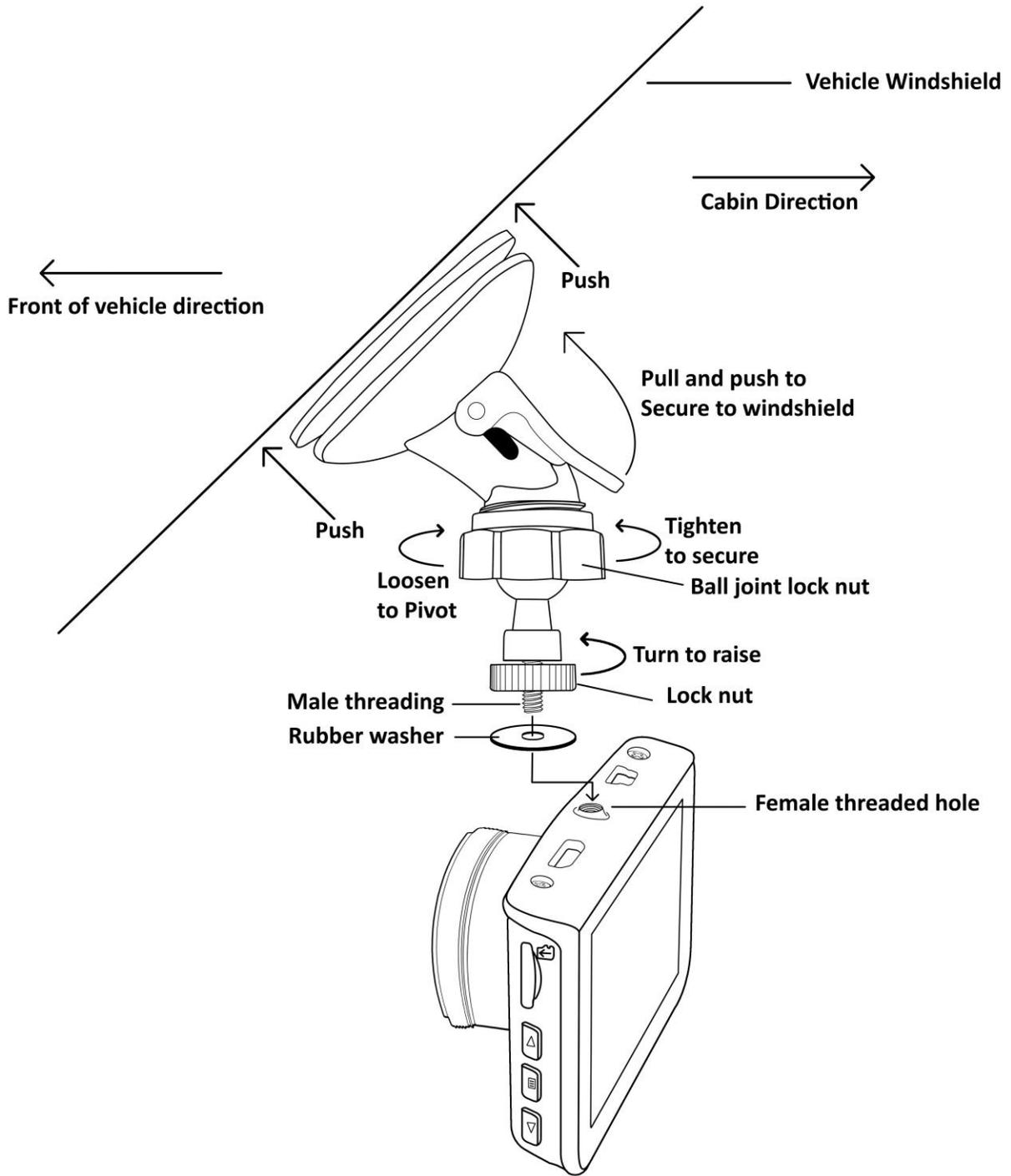
How to View Saved Video and Images

1. Turn the camera on while using the included car adapter or USB cable. Once the camera is booted up automatic recording will begin.
2. Press the OK button to stop recording.
3. Press the M (Mode) button twice to switch to the Playback Mode.
4. Displayed in the upper right left corner will be one of the two icons. The icon indicates you are viewing a still image and the icon indicates you are viewing a video.
5. Press the UP and DOWN buttons to browse through the saved videos and images.
6. Press the OK button to play/pause videos, the UP button to fast forward, and DOWN button to rewind while viewing video.

Camera Installation

The following steps will guide you through the installation process (see image below):

1) Locate the female threaded hole on the top of the camera.
2) Before attaching the mount to the camera, spin the lock nut so it is positioned at the top of the male threading.
3) Insert the male threaded shaft into the female threaded hole and fasten the bracket.
4) Ensure the lock nut is tightly fastened onto the camera.
5) Position the camera onto the vehicle's windshield. Ensure the locking lever is in the down position.
6) Push the suction cup up against the vehicle's windshield to lock it in place. Spin the lock nut so that it is threaded up against the camera tightly.
7) Loosen the ball joint lock nut and position the camera by pivoting the ball joint to the desired direction.
8) Tighten the ball joint lock nut to lock the cameras direction in place.

Note: Always loosen the grip nut before pivoting the camera in any direction. Failure to do so may cause mount failure.

Vehicle Windshield

Cabin Direction

Push

Pull and push to
Secure to windshield

Front of vehicle direction

Push

Tighten
to secure

Loosen
to Pivot

Ball joint lock nut

Turn to raise

Male threading

Lock nut

Rubber washer

Female threaded hole

Playing Video with GPS Telemetry for windows PC

The ACD-830B has the ability to record video as well as GPS telemetry for windows and mac users provided that an **Amcrest GPS module** used during recording and driving time. **A separate purchase of the compatible Amcrest GPS Module for the ACD-830B is required to record GPS telemetry with video recording.** To download the Driving Recorder Player for PC or MAC, please visit www.amcrest.com/cardvr and see the "Desktop Applications" section.

FAQ

1. **Question: Why does the battery last only a short while?**
   Answer: This is normal. The built-in battery has a limited capacity which is specifically designed to record in instances when there is a collision while the ignition is off. The external power should always be connected while configuring the car DVR.

2. **Question: Why is the device not turning off?**
   Answer: Ensure that the 12V car accessory outlet turns off when the ignition is turned off. Some 12V sockets may still be powered on depending on the vehicles wiring structure. When the external power is disconnected for any reason, the auto power off feature will turn the camera off. If your outlet does not support auto off, please manually turn off the camera when the vehicle is unattended.

3. **Question: How can I adjust the time and date?**
   Answer: Set the date and time in the settings menu by referencing the user manual. If the battery no longer has power due to lack of use for an extended duration the time and date may need to be reset.

4. **Question: Why can't I find footage of an incident?**
   Answer: If the footage was recorded, but not locked, it is possible that it was over written with loop cycle record. It is best to always lock the files you want to keep as soon as possible. Remember to take advantage of the quick lock button which located on the right side of the camera. Also, ensure that the collision sensor is active.