



## Falcon Dual Dash Cam



[www.falcon-security.co.uk](http://www.falcon-security.co.uk)

## **Contents**

- Product Description
- Product Features
- Product Layout
- Button Functions
- Setup
- Operation
- Specifications
- Troubleshooting

## Product Description

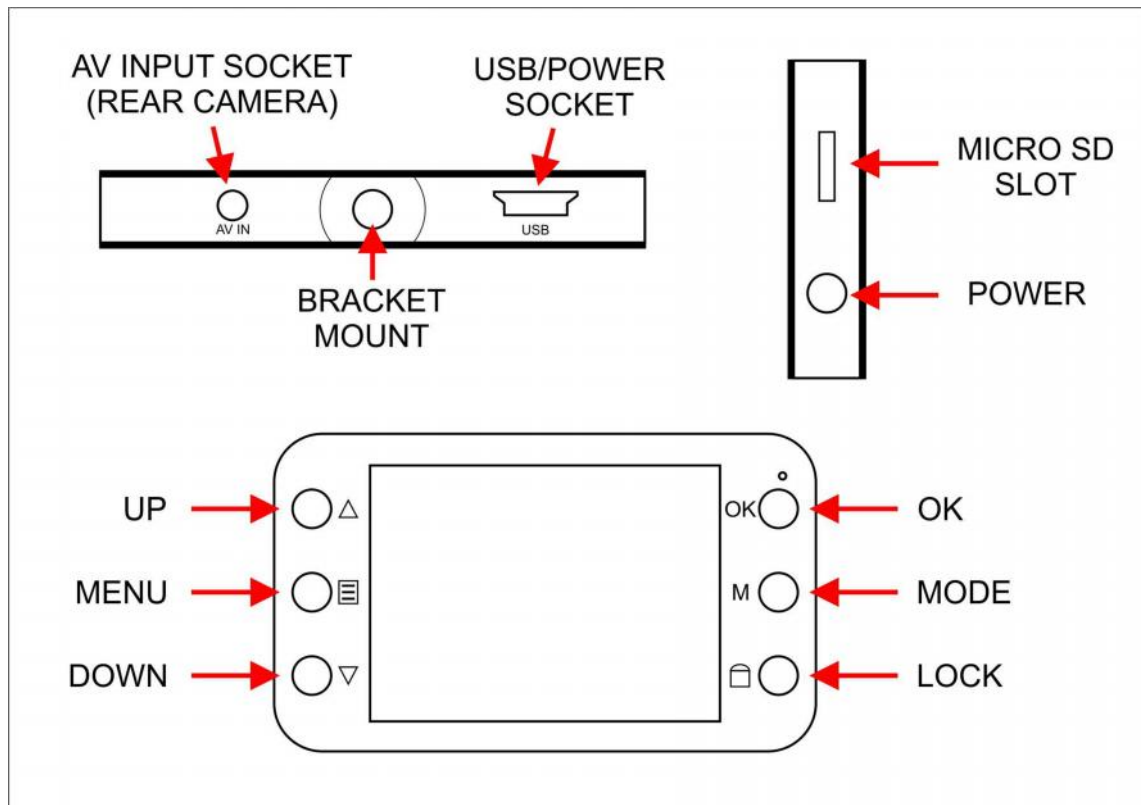
The Falcon Dual Dash Cam incorporates the latest technology to provide a high-definition car camcorder. The dual camera function allows you to record images from the front and rear of the vehicle at the same time. The Dual Dash Cam is compact, low power and portable, it can record 720P high-definition video and take still pictures offering dual functionality as a dash cam, camcorder and as a digital still camera. Video and images are saved to a MicroSD card and can be viewed on the device itself or via a computer.

## Product Features

- 120 degree High-definition wide angle lens
- 720P HD resolution
- Still images up to 3 Mega Pixel
- 2.7" LCD screen for live viewing or playback of recordings
- Night vision with 2 LEDs
- Adjustable resolution for different quality/recording times
- With suction cup window bracket for convenient installation
- G-sensor function protects the current video in case of a crash
- Automatic recording when ignition is turned on\*
- Automatically loop recording, overwrites from the beginning once card is full
- Time and date display overlayed on recordings for evidential purposes
- Charge through USB port
- Includes 12V/24V car power lead
- Supports up to 32GB MicroSD HC cards

\*Automatic power on/off with ignition requires that your cigar lighter socket powers on and off with the ignition, this is the case in most vehicles.

## Product Layout



## Button Functions

**Power:** Long press for power on/off. During recording: short press to turn night vision LEDs on or off.

**Menu:** Press one or more times to cycle through the menus for the current mode.

**Up:** Move up for menu selection; show next picture when browsing pictures; fast forward in video playback mode.

**Down:** Move down for menu selection; show last picture when browsing pictures; rewind in video playback mode.

**OK:** Start/stop recording during video recording mode; take picture during camera mode, select and confirm menu options in settings; Start and pause video playback in playback mode.

**Mode (M):** Press to switch between video recording, still camera and playback modes.

**LOCK:** Protects the current recording from being overwritten automatically.

## Setup

Connect the camera using the car charger, when the ignition is turned on the camera will automatically start recording, when ignition is turned off, it will automatically stop recording and save the recorded files\*.

Note: Only use the included car charger otherwise damage may be caused to the camera.

\*Automatic power on/off with ignition requires that your cigar lighter socket powers on and off with the ignition, this is the case in most vehicles.

### **MicroSD Storage Card**

1. Make sure the MicroSD card is inserted properly and in the correct direction – do not force the card or you may damage the camera.
2. Please use a high-speed MicroSD card with SDHC specifications. High speed cards are marked C4 or C6.
3. After first inserting a new MicroSD card please format it using the format option in the menu.

## **Operation**

### **Video Mode:**

**When in video mode the icon in the top left corner of the screen will show a video camera icon.**

- 1 Press the OK button to start or stop recording manually, when recording the camera icon in the top left corner of the screen will be flashing and the blue LED at the top right of the camera will be flashing.
2. To turn the night vision LEDs on and off press the power button briefly.

When in double camera mode you can use the up arrow to select from the front (built in) camera, rear (plug in) camera or both. When displaying both you can use the down arrow to select which camera is shown in the Picture In Picture (PIP) window.

### **Video Mode Settings Menu:**

**If you are recording first stop the recording by pressing OK then press the menu button to access the settings, pressing the menu button again will cycle through the menus. In the menus use the up and down arrows to change the option and press OK to select the currently highlighted option.**

Menu 1. Resolution: Choose the resolution for recording video, options are VGA (lower quality, smaller file size) or 720P (higher quality, larger file size). Higher quality takes more space on the Micro SD card than lower resolution.

Menu 2. Loop recording: Set to 1/2/5 minute chapters or off. When off the camera will stop recording when the card is full.

Menu 3. Record Mode: Select if you want to record just the front (built in) camera, rear (plug in) camera or both.

Menu 4. Settings:

- Brightness: Allows auto or manual selection of the brightness of the recording for different lighting conditions, default is auto.
- Exposure: Determines how light or dark the recording is. Default is 0.
- Colour: Select if you want a standard (colour) recording, black and white negative or several effect. Default is standard.
- Auto detect: turn on/off motion detection function. Default is off.
- Water mark: Select if the time and date is overlaid on the video recordings, default is on.
- Record Audio: Select if audio is recorded along with the video.
- Auto Record: Select if the camera should automatically record or not, default is on.
- Language: Select the language of the user interface.

- Frequency: Select the recording frequency, default is 50hz for UK.
- AV In: Select the format of the camera connected to the AV input, default camera is NTSC.
- Auto off: Select how long the camera should remain on for after the last operation, default is off (auto off is disabled).
- Saver setting: Select how long the screen stays on for after the last operation, default is 1 minute. When the screen turns off press the OK button to turn it back on.
- G-sensor: Set to 2G,4G, 6G, 8G which is the force in G which causes the current recording to be protected from overwriting. This protects the recording in the event of a crash.
- Date set: Set the time and date, increase and decrease using the up and down arrow keys, press the mode (M) button to confirm and enter the next setting item
- Format: Formats (deletes all data) the SD card.
- Default Set, Select OK to set all setting back to the factory defaults.
- Version: Display the software version.

## **Still Camera Mode:**

**When in still camera mode the icon in the top left corner of the screen will show a still camera icon.**

1. Press the OK button to take a picture.
2. To turn the night vision LEDs on and off press the power button briefly.

## **Camera Mode Settings Menu:**

**Press the menu button once while in camera mode to access the settings, pressing the menu button again will cycle through the menus. In the menus use the up and down arrows to change the option and press OK to select the currently highlighted option.**

Menu 1. Resolution: Choose resolution for pictures from 1, 2 or 3 mega pixels, higher quality takes more space on the Micro SD card than lower resolutions.

Menu 2. Settings:

- Brightness: Allows auto or manual selection of the brightness of the recording for different lighting conditions, default is auto.
- Exposure: Determines how light or dark the recording is. Default is 0.
- Colour: Select if you want a standard (colour) recording, black and white negative or several effect. Default is standard.
- Water mark: Select if the time and date is overlaid on the video recordings, default is on.
- Language: Select the language of the user interface.
- Frequency: Select the recording frequency, default is 50hz for UK.
- AV In: Select the format of the camera connected to the AV input, default camera is NTSC.
- Auto off: Select how long the camera should remain on for after the last operation, default is off (auto off is disabled).
- Saver setting: Select how long the screen stays on for after the last operation, default is 1 minute. When the screen turns off press the OK button to turn it back on.
- Date set: Set the time and date, increase and decrease using the up and down arrow keys, press the mode (M) button to confirm and enter the next setting item
- Format: Formats (deletes all data) the SD card.

- Default Set, Select OK to set all setting back to the factory defaults.
- Version: Display the software version.

## **Playback Mode:**

**When in playback mode the icon in the top left corner of the screen will show a play icon.**

Use the up and down arrows to navigate through your video recordings and still images, a play symbol will show in the middle of the screen for video recordings, press OK to play the currently selected recording, press OK again to pause of the mode (M) button to stop.

To delete a picture recording press the Menu button and then OK.

## **Troubleshooting**

Under normal operating conditions, if there is problem with the camera, please refer to the following methods to solve:

1. Not recording video or taking pictures: check the MicroSD card is inserted properly and has sufficient space.
2. Stops when recording video: due to the large amount of data used for high-definition video please only use SDHC compatible high-speed MicroSD cards. There will be a mark of C4 or C6 on high-speed cards. Format the card on the device before you use it.
3. Image blurred: Check the lens for fingerprints or dirt and clean before recording.