

D250
User Guide

AUTOMOTIVE DIGITAL VIDEO RECORDER



WHISTLER

WHAT'S INCLUDED



D250



**WINDSHIELD
BRACKET**



**DC POWER
CORD**



USB CABLE



**USER
GUIDE**

Welcome

Thank you for choosing a Whistler product. We are dedicated to providing products that represent both quality and value. Please read the user guide carefully before using this product. If you have additional questions, call toll free

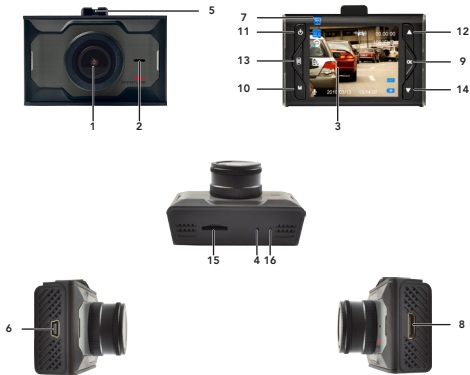
Customer Service Representative
1-800-531-0004

Monday - Friday • 8:00 am - 5:00 pm CT
or visit our website

www.whistlergroup.com

PRODUCT INTRODUCTION

Features



- | | |
|-------------------------|------------------------------|
| 1. Lens with CPL Filter | 10. Mode Button |
| 2. Speaker | 11. Power Button |
| 3. LCD Display | 12. Up / Lock Button |
| 4. Microphone | 13. Menu Button |
| 5. Bracket Mount | 14. Down / Microphone Button |
| 6. USB Jack | 15. Micro SD Card Slot |
| 7. Status LED | 16. Reset Button |
| 8. Mini HDMI Jack | |
| 9. OK Button | |

FEATURE DESCRIPTION

1. **Camera Lens with CPL Filter** – 170° wide-angle lens with a Circular Polarization Lens (CPL) filter to minimize glare.
2. **Speaker** – Provides audio for playback and device tones.
3. **LCD Display** – To view photo and video.
4. **Microphone** – Audio receiver for video recording.
5. **Bracket Mount** – Includes windshield bracket attachment.
6. **USB Jack** – Allows PC interface to access micro SD card, PC camera and charge the battery.
7. **Mini HDMI Jack** – Provides connection to HDMI monitor, (not included).

FEATURE DESCRIPTION

- 10. Mode** – Press to switch modes: Video, Camera, Play back.
- 11. Power Button** – Press and hold to power ON/OFF. Can also be briefly pressed during operation to temporarily put display into screen saver.
- 12. Up/Lock Button** – In menu allows scrolling of menu items. Press while in record mode to lock current file. When in camera mode press to zoom in.
- 13. Menu Button** – Press button once to display setting for video or camera settings. Press button twice to display general settings.
- 14. Down/Microphone Button** – In menu, allows scrolling of menu items. In record mode press to mute video audio. In camera mode press to zoom out.
- 15. Micro SD Card Slot** – Slot for memory card.
- 16. Reset Button** – Using a small pin, push in to reset the device.

OPERATIONS

Designed exclusively for motor vehicles operating at 12 or 24 volts DC.

Inserting a micro SD Card

Before initial use, insert a micro SD card (We suggest at least an 8GB, Class 10 minimum, up to 32GB.)



NOTE: Turn Dash Cam off before inserting or removing the micro SD card.

OPERATIONS

Installing the Windshield Bracket

The included windshield bracket securely places the Dash Cam onto the vehicle's windshield.

Follow the procedure below to secure the bracket:

1. Slide the collar into the bracket mounting point on top of the Dash Cam.
2. If applicable, remove protective film from the suction cup.
3. Clean the selected area of the windshield for mounting using a quality glass cleaner.
4. Press the bracket onto the windshield. To secure the suction cup press the locking tab toward the windshield.
5. Loosen the knob on the bracket to adjust the angle of the Dash Cam. Tighten knob securely to secure the Dash Cam position.

STEP 1



Adjustable Knob



Slide Collar

7

STEP 4



STEP 5

OPERATIONS


Power Connection in Vehicle

1. Plug the mini USB end of the vehicle power cord into the USB jack of the Dash Cam.
2. Insert the other end of the power cord into the vehicle's lighter socket / power port.

NOTE: Unit will automatically turn on and start recording when power is applied. It will turn off when power is removed.



Power ON/OFF

Power On: Press and hold  to turn on. Blue Status LED illuminates.



Power Off: Press and hold  to turn off.

NOTE: The unit will automatically power **OFF** when power is removed.



OPERATIONS

Initial Settings

Date & Time Setting

1. Once connected with car charger, the device will start power **ON** and start recording. Press the **OK** button to switch into standby mode.
2. Press the **MENU** button  twice to enter General Settings. Press **▼** to select Date/Time. Press **OK** to enter into setting.
3. Press **▲** or **▼** to choose the specific number, press **OK** to enter into next setting. Once finished with settings, press **MENU** button  to return to General Settings.

MENU Settings

There are 3 available levels; Video , Camera , and Playback .



NOTE: Video or Camera menus have different option selections. Use the **MODE (M)** button to select the correct level.

4. Press the menu button to see available settings.
5. Press the **▲** or **▼** to scroll through the settings.
6. Press **OK** to make a selection.

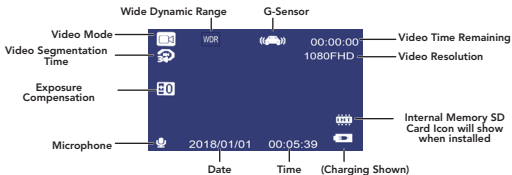
OPERATIONS

Recording or Review a Video or Image


Recording Video

- 1. Power on:** Press and hold  to turn on Dash Cam.
- 2.** The  icon is shown in the top left corner with a blinking red dot when recording. Press **OK** to stop recording if desired.

NOTE: When powered externally the Dash Cam will automatically be in Video Record mode and begin recording after initial power **ON**.




Recording Image

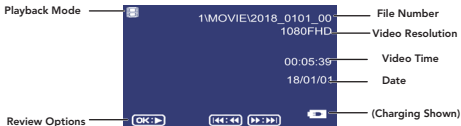
- 1. Take Picture:** Press **MODE (M)** button. Camera icon  will be displayed in upper left corner.
- 2.** Press **OK** to take an image.



OPERATIONS

Review

1. Press **MODE (M)** to enter review screen.
2. Use ▲ or ▼ to highlight a file. Press **OK** to select it.
3. Press **OK** again to play a video. Use **OK** to pause the video.
4. After video ends, press ▲ or ▼ to select another file.
5. When in this mode press **MENU**  to select Delete, Protect or Slide Show.
6. Press **MODE (M)** to exit review mode.



OPERATIONS

USB Settings – Connect the unit to a computer using the USB cable included. Two options are available. Use ▲ or ▼ and **OK** buttons to select an option.

Mass Storage – In this mode the recorded files can be accessed directly from the micro SD card installed into the Dash Cam. They can be viewed directly from the card or transferred to the computer for storage.

PC Camera – In this mode the Dash Cam can be selected from a computer as an attached USB device and used as a webcam (additional drivers may be required and are not included).

View DVR Screen on TV or Monitor – Simply plug in a compatible HDMI cable into the mini HDMI jack and to an HDMI input on a TV or video monitor for larger viewing.

NOTE: The unit is intended to be used with an external power source with either cord included.

OPERATIONS

Special Functions

- **G-sensor function** - If a sudden shock is detected (such as in an accident) the video segment recorded is protected from being overwritten.
- **Seamless loop recording** - Allows camera to record over oldest video when the micro SD card is full.
- **Mini HDMI output jack** - Provides connection to HDMI monitor, (not included).
- **Screen saver mode** - When enabled will minimize night time distraction by turning off screen after a specified amount of time, while still recording.
- **Wide Dynamic Range (WDR)** - When enabled enhances details to the shadows of the image.
- **Lens with CPL filter** - The CPL filter can reduce/remove reflections from non-metallic surfaces like water and glass. With this filter, color saturation can be improved significantly especially outdoors.

CPL FILTER


The included CPL filter will help to reduce dashboard reflections which can otherwise inhibit details in some scenes.

Initial adjustment of the CPL filter is necessary. Place an object on your dashboard and aim the camera at the windshield where the object reflection is visible. Rotate the outer ring of the CPL filter until the reflection viewed in the display has been reduced/removed.

Below is an example of the reduction in glare and reflection when using the CPL filter.



TROUBLESHOOTING

Can't record or take photo	Confirm that the micro SD card is of proper class (class 10 min.) and has available capacity.
Unit doesn't work with my SD Card	If the unit does not recognize the card, remove the SD card and insert it again. If still not recognized, the SD card may be damaged or the device does not support this type of memory card. Try another memory card. (SanDisk recommended)
"files error" appears during replay	Uncompleted files due to micro SD card storage error. Reformat or replace card.
Video or Photo unclear	Check lens for fingerprints, protective film or other obstruction. Use a soft cloth to clean lens.
Black image when recording sky or water scene	Scenes with large contrast can influence the automatic exposure function of the unit. Adjust Exposure setting in the Global menu settings  to correct image.
Cross stripe interference in image	This is caused by incorrect "Light Frequency" setting. Check setting for 50Hz or 60Hz in MENU Settings.

TROUBLESHOOTING

Reset

Operation can be restored by pushing the reset button.

NOTE: There are no user serviceable parts inside. Do not open product.

Use and Care

1. This unit does not use a Touch Screen to control its functions! Do not touch screen with any objects as damage to screen may occur.
2. Do not leave unit in direct sunlight for extended periods of time, especially in a vehicle.
3. Avoid using the unit in dusty and damp environments.

SPECIFICATIONS

Specifications are subject to change without notice.

Features	HD camera, FHD video recording
Unit Dimensions HxWxD	65.3 x 45 x 37.4 mm (2.6" x 1.8" x 1.5")
Unit Weight	145 g (5.11 oz)
LCD Screen Size	1.5" LCD
Zoom	4X Digital
Resolution	1080FHD 1920*1080 @30fps HD 720P 1280*720 @ 30fps
Files Format	MOV
Loop Recording	1 MIN. / 2 MIN. / 3 MIN.
Frequency	50Hz / 60Hz
Motion Detection	Off/On
Record Audio	Off/On
Date Stamp	Off/On

SPECIFICATIONS

G-Sensor	Off, Low Sensitivity, Medium Sensitivity, High Sensitivity
Screen Saver	Off / 30 Seconds / 1 Minute / 2 Minutes
Photo	JPEG
Lens	170° 6 Glass Lens
Memory	Micro SD card – C10MIN/ 32GB Max
USB	Mini USB port
Backup Power	Super Capacitor
Operating Temperature Range	-10° ~ 60°C (14° ~ 140°F) @ Humidity of 10% - 80%

MENU OPTIONS

Video resolution: 1080FHD 1920 x 1080 / 720P 1280 x 720
/ WVGA 800 x 480 / VGA 640 x 480

Loop recording: 1 Minute / 2 Minutes / 3 Minutes

WDR: OFF / ON

Exposure: -2.0 -- +2.0

Motion detection: OFF / ON

Record audio: OFF / ON

Date stamp: OFF / ON

G-sensor: OFF / Low Sensitivity / Medium Sensitivity /
High Sensitivity

Plate Number: OFF / ON

System Settings

Date/Time: 2018/01/01 00:00:00 Year / month / day

Beep Sound: OFF / ON

Language: English / Dutch / Spanish / French / Chinese /
Italian / Portuguese / Japanese / Korean

Frequency: 50Hz / 60Hz

Screen Saver: OFF / 30 Seconds / 1 Minute / 2 Minutes

Format: Cancel / OK

Default setting: Cancel / OK

Version: *****

Playback Options

Delete: Delete current / Delete all

Protect: Lock current / Unlock current / Lock all / Unlock all

Slide Show: 2 Seconds / 5 Seconds / 8 Seconds

WARRANTY INFORMATION

Consumer Warranty

This Whistler product is warranted to the original purchaser for a period of one (1) year from the date of original purchase against all defects in materials and workmanship, when purchased from an authorized Whistler retailer. This limited warranty is void if the unit is abused, misused, modified, installed improperly, or if the housing and/or serial numbers have been removed. There are no express warranties covering this product other than those set forth in this warranty. All express or implied warranties for this product are limited to one (1) year. Whistler is not liable for damages arising from the use, misuse, or operation of this product including but not limited to loss of time, inconvenience, loss of use of your product or property damage caused by your product or its failure to work, or any other incidental or consequential damages including personal injury.

**DO NOT RETURN ITEM TO STORE WHERE PURCHASED
FOR WARRANTY INFORMATION, CONTACT WHISTLER
CUSTOMER SERVICE AT 1-800-531-0004**

Representatives are available to answer your questions
Monday – Friday
8:00 a.m. to 5:00 p.m. CT

WARRANTY INFORMATION

Service Under Warranty

During the warranty period, defective units will be repaired or replaced (with the same or a comparable model), at Whistler's option, without charge to the purchaser when returned prepaid, with dated proof of purchase to the address below. Units returned without dated proof of purchase will be considered out-of-warranty and therefore are not covered by the described Limited Warranty. (Refer to Service Out-of-Warranty section.)

1. Due to the specialized equipment necessary for testing Whistler products, there are no authorized service centers other than Whistler. When returning a unit for service under warranty, please follow these instructions:
2. Ship the unit in the original carton or in a suitable sturdy equivalent, fully insured, with return receipt requested to:

Whistler Repair Dept.
1412 South 1st St.
Rogers, AR 72756

Please allow 3 weeks turnaround time.

IMPORTANT: Whistler will not assume responsibility for loss or damage incurred in shipping. Therefore, please ship your unit insured with return receipt requested. **CODs will not be accepted!**

WARRANTY INFORMATION

3. Include with your unit the following information, clearly printed:
 - Your name and physical street address for shipping (no PO Boxes), a daytime telephone number, and an email address (if applicable).
 - A detailed description of the problem (e.g., “device will not power ON”).
 - A copy of your dated proof of purchase or bill of sale.
4. Be certain your unit is returned with its serial number. Units without serial numbers are not covered under warranty.

IMPORTANT: To validate that your unit is within the warranty period, make sure you keep a copy of your dated proof of purchase. For warranty verification purposes, a copy of your dated store receipt must accompany any Whistler product sent in for warranty work.

Service Out-Of-Warranty

Units will be repaired at “out-of-warranty” service rates when:

- The unit’s original warranty has expired.
- A dated proof of purchase is not supplied.
- The unit has been returned without its serial number.
- The unit has been misused, abused, modified, installed improperly, or had its housing removed.

WARRANTY INFORMATION

The minimum out-of-warranty service fee for your Whistler DVR Camera is \$50.00 (U.S.). If you require out-of-warranty service, please return your unit as outlined in the section "Service Under Warranty" along with a cashier's check or money order in the amount of \$50.00. Payment may also be made by MasterCard, VISA or American Express. **Personal checks are not accepted.**

In the event repairs cannot be covered by the minimum service fee, you will be contacted by a Whistler technical service specialist who will outline options available to you.

IMPORTANT: When returning your unit for service, be certain to include a daytime telephone number and an email address (if applicable).

Customer Service

If you have questions concerning the operation of your Whistler product, or require service during or after the warranty period, please call

Customer Service at 1-800-531-0004.

Representatives are available to answer your questions Monday - Friday from 8:00 a.m. to 5:00 p.m. (CT) or visit the FAQ at www.whistlergroup.com.

CORPORATE HEADQUARTERS

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TEL (479) 273-6012

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Email: support@whistlergroup.com

P/N

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