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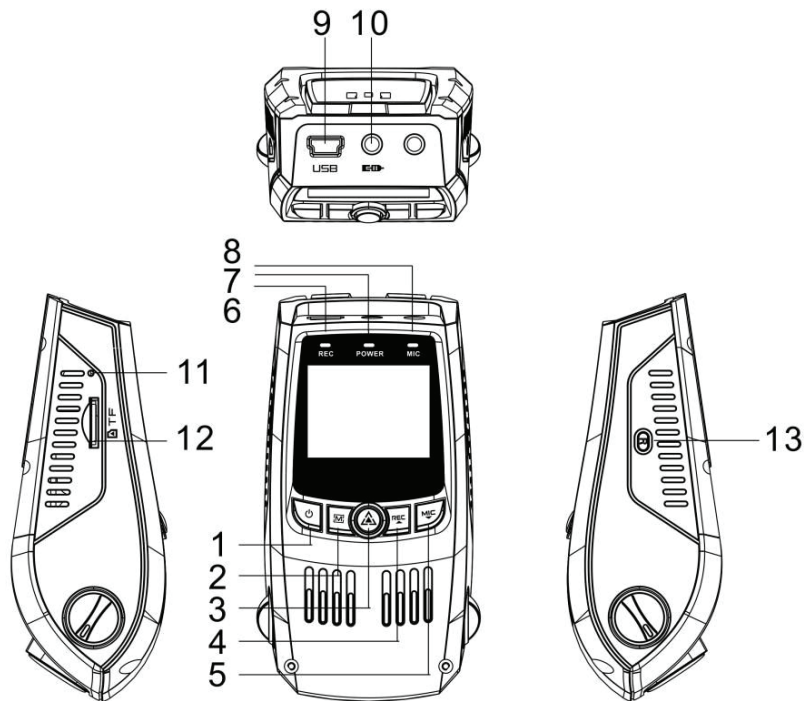
PLDVRCAM74

DUAL CAMERA DVR KIT

Vehicle Dash Camera Recording
System with Full HD 1080p
USER MANUAL















GETTING STARTED

Device Layout

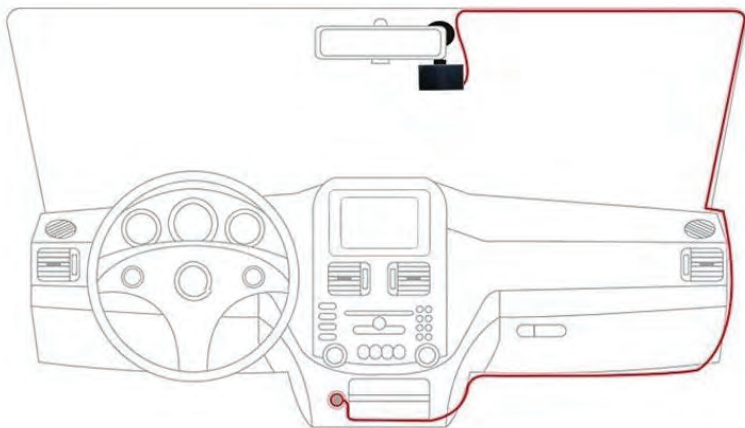


NO	Button	Functions
1	Power	Press and hold in 3 seconds to power ON/OFF
		Press to turn ON/OFF the Screen
2	Menu	Press on MENU to enter menu at standby mode. Press UP and DOWN to select options and confirm with OK. After finishing, press MENU to exit
3	Emergency Lock / OK	Press to save and lock present video in recording mode
		It is "OK" key in the menu
4	REC/UP	Press to select upwards. Start or stop recording when you
5	MIC / DOWN / MODE	Press to select downwards.
		Start or stop audio recording when you press this button in the mode of recording
		Press and hold to switch between Recording/Playback
6	REC LED	The recording indication LED
7	POWER LED	The charging indication LED
8	MIC LED	The recording audio indication LED
9	USB Slot	Charging Slot
		Connect to computer with USB cable as a flash drive
10	Rear Lens Slot	To connect the rear lens to host with adapter cable to get
11	Microphone	Record audio with microphone while recording
12	Micro SD Memory Card Slot	Supports 32G MAX
13	RESET	Press to restart in case of system crash.

Status Icons

Icon	Meaning
	Video Resolution
	Wide Dynamic Range
	Charging via USB Charger
	Battery Power Level
	Microphone Mute
	Microphone On
	Video Recording Mode
	Video Playback Mode
	Photo Mode
	Loop Recording
	Memory Card Inserted
	G- Sensor Sensitivity
	White Balance
	License plate number

Installation



1. Attaching the front camera to the window mount

Before the device can be used in a car, it is essential to first install a properly attached window mount. Make sure that you place the recorder in a safe, appropriate location where it will not obstruct the driver's view.

Clean windshield before applying mount, do not attach camera for at least 20 minutes.

2. Mounting the rear camera

Mount the rear camera as image shown, using rear camera extension cable, connect rear camera to the main unit.



Rear Camera Wiring Reference
(as shown above)

3. Inserting a memory card

Insert a memory card before recording. The recorder supports Micro SD cards with a capacity of up to 32GB. For reliable operation, use a Class 10 memory card with a capacity of at least 8GB.

4. Connecting the charger to the car's 12V DC outlet

Be sure to connect only the PLDVRCAM74 approved charger designed and supplied specifically for use with your device. Using an incompatible charger can cause serious personal injury or damage to your device.

5. Format the memory card

To ensure the memory card works on the dash cam, we recommend using the dash cam to format the memory card, (please refer to Formatting the Memory Card section on Page 9. DO NOT insert or remove memory card while the device is powered on.

CHARGING THE BATTERY

Charge the device by connecting the camera via the USB car charger port. Use only PLDVRCAM74 approved chargers. Using unapproved chargers or cables can damage the device or cause the battery to explode.

Connect the car charger's jack to the USB charging port, and then plug the charger into the car cigarette lighter or 12V DC power outlet.

- Battery is mainly used to save files in emergency. Please always connect dash cam to external power while it is in use.
- When device detects no power supply, it will automatically power off after 5 seconds. To turn on the device again, you will need to do so manually by pressing the ON / OFF button.
- If the battery is completely discharged, the device will not turn on immediately when the charger is connected. Allow a depleted battery to charge for a few minutes before attempting to turn on the device.
- The device can be used while it is charging, although it may take longer to fully charge the battery.
- If the device receives an unstable power supply while charging, the screen may not function properly. If this happens, unplug the charger from the device.
- While charging, the device may heat up. This is normal and should not affect the device's performance or lifespan.
- If the device is not charging properly, take the device and the charger to an authorized Service Center.

Connecting the charger improperly may cause serious damage to the device. Any damage caused by misuse is not covered by the warranty.

INSERTING THE MEMORY CARD

Your device accepts memory cards with a maximum capacity of 128GB. Depending on the memory card manufacturer and type, some cards may not be compatible with your device. Using an incompatible card may damage the device or the memory card, or corrupt the data stored on it.

Use caution to insert the memory card right-side up as shown in the image below.

- Insert memory card with the gold-colored contacts facing downwards.
- Push the memory card into the slot until it locks in place.
- Click sound when memory card locks in place.
- Use a coin or other tools to push the memory card IN will make it easier.




It is recommended that you reformat the memory card after every time that images are transferred to a computer, or at least once a month.

Reformatting a memory card keeps important elements of data and file structure clean, helping to prevent error messages and missing images. Reformatting also restores the memory card, which can help prevent it from becoming corrupted.

REMOVING THE MEMORY CARD

Before removing memory card from your unit, you must first remove the unit from the mount.

Before removing a memory card from your device:

1. Press the REC button to stop the device from recording
2. Press and hold the  ON/OFF button to switch off the device
3. Gently push the memory card in and let go until it unlocks

Do not remove the memory card while the device is transferring or accessing information. Doing so can result in data loss or corruption, or damage to the memory card or device. The manufacturer is not responsible for losses that result from the use of damaged memory cards, including the loss of data.

Remember to wait for the “safe to remove hardware” message before removing your memory card from your computer. Removing the memory card without properly ejecting may result in damage to the memory card or the data saved on it.

FORMATTING THE MEMORY CARD

You may choose to format your memory card with either the device or a computer.


To use the device for formatting a memory card:

1. Press the REC button to stop the device from recording
2. Press the MENU button twice to enter System Settings
3. Press the DOWN button to navigate to the "Format" option
4. Press OK to confirm your selection
5. Press the UP button once
6. Press OK when the word **YES** is highlighted in blue

Before formatting a memory card, always remember to make backup copies of all important data stored on the device. The manufacturer's warranty does not cover loss of data resulting from user actions.

TURNING THE DEVICE ON AND OFF

Press and hold the ON/OFF button for a few seconds to turn on the device. A welcome message will be displayed on screen as shown in the image below.

To turn off the device, again press and hold the  ON/OFF button for a few seconds. A goodbye message will be displayed on screen as shown in the image below.

Note:

The Dashboard Camera will switch on and off automatically if you keep it permanently connected to the car charger.

VIDEO SETTINGS

Resolution

Recommend setting: 1080FHD

Use the following procedure to set the recording resolution:

1. Press **MENU** once to enter Video Settings
2. Press the **UP** or **DOWN** button to navigate to the "Resolution" option
3. Press **OK** to view available resolutions: 1080FD/1920x1080, 720P/1280x720, etc.
4. Press the **UP** or **DOWN** button to make your selection
5. Press **OK** to confirm your entry
6. Press **MENU** to exit Video Settings
7. Press **OK** to start recording
8. Press **OK** again to stop recording

LOOP RECORDING

Recommend Setting: 3 Minutes

With Loop Recording Mode enabled, the device will continuously erase older video as it records new video, keeping only the images captured over a user-selected time range. All video older than this range will be replaced with new video. (**Note:** any locked video files on the memory card will remain protected, and will not be automatically deleted during Loop Recording.)

It is recommended that you reformat a memory card after every time that images are transferred to a computer, or at least once a month. This keeps important elements of data and file structure clean, helping to prevent error messages and missing images.

Remember to always make backup copies of all important data stored on the device. The manufacturer's warranty does not cover loss of data resulting from user actions.

1. Press **MENU** once to enter Video Settings
2. Press the **UP** or **DOWN** button to navigate to the "**Loop Recording**" option
3. Press **OK** to view the current selection:
3min/5min/10min/OFF
4. Press the **UP** or **DOWN** button to make your selection
5. Press **OK** to confirm your entry
6. Press **MENU** to exit Video Settings

TIME-LAPSE RECORD

Recommend Setting: Off

Time-lapse photography is a technique whereby the frequency at which film frames are captured (the frame rate) is much lower than that used to view the sequence. When played at normal speed, time appears to be moving faster and thus lapsing.

1. Press **MENU** once to enter Video Settings
2. Press the **UP** or **DOWN** button to navigate to the "Time-lapse Record" option
3. Press **OK** to view the current selection:
100Ms/200Ms/500Ms/OFF
4. Press the **UP** or **DOWN** button to make your selection
5. Press **OK** to confirm your entry
6. Press **MENU** to exit Video Settings

WDR (WIDE DYNAMIC RANGE)

Recommend Setting: On

When enabled, this feature automatically adjusts exposure settings to improve recording quality in particularly bright or dim environments, providing balanced lighting and clearer recorded video.

1. Press **MENU** once to enter Video Settings
2. Press the **UP** or **DOWN** button to navigate to the "**WDR**" option
3. Press **OK** to view the current **ON/OFF** status for this feature
4. Press the **UP** or **DOWN** button to enable or disable this feature
5. Press **OK** to confirm your entry
6. Press **MENU** to exit Video Settings

EXPOSURE

Recommend Setting: +0.0

Adjust the camera exposure value for brighter or darker recorded video, according to your preference.

1. Press **MENU** once to enter Video Settings
2. Press the **UP** or **DOWN** button to navigate to the "**Exposure**" option
3. Press **OK** to view the current selection: +0.0, +1/3, -1/3, etc.
4. Press the **UP** or **DOWN** button to make your selection
5. Press **OK** to confirm your entry
6. Press **MENU** to exit Video Settings

RECORDING AUDIO

You may choose to record audio with video, or turn off the microphone so that all recorded videos will be muted.

1. Press **MENU** once to enter Video Settings
2. Press the **UP** or **DOWN** button to navigate to the "**Record Audio**" option
3. Press **OK** to view the current **ON/OFF** status for this feature
4. Press the **UP** or **DOWN** button to enable or disable this feature
5. Press **OK** to confirm your entry
6. Press **MENU** to exit Video Settings

Alternatively, you can use a hot key shortcut for this feature. During Recording Mode, press the **DOWN** button to mute / unmute the microphone for video recording.

DATE STAMP

You have the option to display the date and time in your videos. Note that the date and time stamp cannot be removed from videos if this feature was enabled at the time of recording.

1. Press **MENU** once to enter Video Settings
2. Press the **UP** or **DOWN** button to navigate to the "**Date Stamp**" option
3. Press **OK** to view the current **ON/OFF** status for this feature
4. Press the **UP** or **DOWN** button to enable or disable this feature
5. Press **OK** to confirm your entry
6. Press **MENU** to exit Video Settings

PLATE NUMBER

Enable this feature to enter your vehicle plate number for video recording. The plate number will stamp in the video.

1. Press **MENU** once to enter Video Settings
2. Press the **UP** or **DOWN** button to navigate to the "**Plate Number**" option
3. Press **OK** to view the current **ON/OFF** status for this feature
4. Press the **UP** or **DOWN** button and **OK** to enable or disable this feature
5. If "**ON**" is selected, enter the plate number on the next pop-up screen using the **UP** and **DOWN** buttons; press **OK** to next digit
6. Press **MENU** to exit Video Settings

GRAVITY SENSING

Recommend Setting: Low

This feature acts as an accelerometer, measuring physical and gravitational forces acting on the camera itself. In the event that such forces are detected, the device will perform an automatic file lock. (Locked video files cannot be erased during Loop Recording; they remain on the memory card until manually deleted or the card is reformatted.)

We recommend that you use the "**Low**" setting for this feature.

1. Press **MENU** once to enter Video Settings
2. Press the **UP** or **DOWN** button to navigate to the "**Gravity Sensing**" option
3. Press **OK** to view the current selection:
Low/Medum/High/OFF
4. Press the **UP** or **DOWN** button to make your selection
5. Press **OK** to confirm your entry
6. Press **MENU** to exit Video Settings

SYSTEM SETTINGS

Date/ Time Setup

Use the following procedure to change the device's time and date:

1. Press **MENU** twice to enter System Settings
2. Press the **DOWN** button to navigate to the "**Date/Time**" option
3. Press **OK** to view date/time in the format:
YYYY/MM/DD HH:MM:SS
4. Press the **UP** or **DOWN** button to change the highlighted number

5. Press **OK** to move to the next date/time segment and repeat step 4
6. Press **OK** again to confirm your entry
7. Press **MENU** to exit System Settings

Note: If the battery remains fully discharged or is removed from the device, the time and date will be reset.

Auto Power Off

When enabled, this option allows the device to shut down automatically if Recording Mode is not engaged.

1. Press **MENU** twice to enter Setup
2. Press the **UP** or **DOWN** button to navigate to the "**Auto Power Off**" option
3. Press **OK** to view the current selection:
3min/5min/10min/OFF
4. Press the **UP** or **DOWN** button to make your selection
5. Press **OK** to confirm your entry

Beep Sound

This setting allows you to turn the device's button sound effect on or off.

1. Press **MENU** twice to enter Setup
2. Press the **UP** or **DOWN** button to navigate to the "**Beep Sound**" option
3. Press **OK** to view the current **ON/OFF** status for this feature
4. Press the **UP** or **DOWN** button to enable or disable this feature
5. Press **OK** to confirm your entry

LANGUAGE

Use the following procedure to change the device's time and date. Language availability may vary depending on the region.

1. Press **MENU** twice to enter System Settings
2. Press the **DOWN** button to navigate to the "**Language**" option
3. Press **OK** to view the current language selection
4. Press the **UP** or **DOWN** button to change the selection
5. Press **OK** again to confirm your choice

TV Mode

Recommend Setting: NTSC

This feature will setup video output format.

1. Press **MENU** twice to enter Setup
2. Press the **UP** or **DOWN** button to navigate to the "**TV Mode**" option
3. Press **OK** to view the current selection: **NTSC/PAL**
4. Press the **UP** or **DOWN** button to make your selection
5. Press **OK** to confirm your entry

Light Frequency

Recommend Setting: 60Hz

This option should be set according to the power supply specification used in your country or geographical region (**U.S. users should select the "60Hz" option**).

1. Press **MENU** twice to enter System Settings
2. Press the **UP** or **DOWN** button to navigate to the "**LIGHT FREQ.**" option
3. Press **OK** to view the current selection: **50Hz / 60Hz**
4. Press the **UP** or **DOWN** button to make your selection

5. Press **OK** to confirm your entry
6. Press **MENU** to exit System Settings

Format

Performing this operation will format memory card.

Note: any files in the memory card will be lost.

1. Press **MENU** twice to enter System Settings
2. Press the **UP** or **DOWN** button to navigate to the "**Format**" option
3. Press **OK** to view **YES / NO** confirmation for this operation
4. Press the **UP** or **DOWN** button to make your selection
5. Press **OK** to confirm your entry
6. Press **MENU** to exit System Settings

DST

Enable/Disable Daylight Saving Time

1. Press **MENU** twice to enter System Settings
2. Press the **UP** or **DOWN** button to navigate to the "**DST**" option
3. Press **OK** to view the current **ON/OFF** status for this feature
4. Press the **UP** or **DOWN** button to enable or disable this feature
5. Press **OK** to confirm your entry

Screen Saver

Recommend Setting: 15 Seconds

Select a time duration for the screen to stay lit after recording starts.

(If you cannot find this option, please follow instructions for installing the latest firmware update.)

1. Press **MENU** twice to enter System Settings

2. Press the **UP** or **DOWN** button to navigate to the "**Screen Saver**" option
3. Press **OK** to view the current selection:
15 Secs / 1 min / 3 min/ OFF
4. Press the **UP** or **DOWN** button to make your selection
5. Press **OK** to confirm your entry
6. Press **MENU** to exit System Settings

Alternatively, you can use a hot key shortcut for this feature. During Recording Mode, press and hold OK to turn the LCD screen on or off.

Restore Default Factory Settings

Performing this operation will reset all of your device's settings to their original values. Note: any user-customized settings will be lost.

1. Press **MENU** twice to enter System Settings
2. Press the **UP** or **DOWN** button to navigate to the "**Default Settings**" option
3. Press **OK** to view **YES / NO** confirmation for this operation
4. Press the **UP** or **DOWN** button to make your selection
5. Press **OK** to confirm your entry
6. Press **MENU** to exit System Settings

Playback Mode

You can play back recorded video on your device using the following steps:

1. Press **REC** to stop recording
2. Press **MODE** twice to switch from Recording to Playback Mode
3. Press and hold the **UP** or **DOWN** button to navigate through the stored video files.

4. Press **OK** to start playback for the selected video
5. Press **OK** again to pause playback
6. Press **MODE** to stop playback
7. **FAST FORWARD:** While video is playing, press the **UP** button one or more times to set fast playback speed (2X / 4X / 8X)
8. **FAST REWIND:** While video is playing, press the **DOWN** button one or more times to set reverse playback speed (-2X / -4X / -8X)

Deleting Files

To delete one particular file:

1. Press the **UP** or **DOWN** button to navigate through the stored video files
2. Press **MENU** to view options for the highlighted file:
Delete/Protect/Slide Show
3. Press the **DOWN** button once to select "**Delete**"
4. Press **OK** once to view options for "**Current MOV**" file or "**ALL**" files. Select "**Current MOV**"
5. Press **OK** twice to delete file

To delete all files:

1. Press on **UP** or **DOWN** button to navigate through the video files
2. Press **OK** to enter "**Video**"
3. Press **MENU** to view options for this file:
Delete/Protect/Slide Show
4. Press the **DOWN** button once to select "**Delete**"
5. Press **OK** once to view delete options for "**Current MOV**" file or "**ALL**" files. Select "**ALL**" and press **OK**
6. Press **OK** again to delete all files

PHOTO SETTINGS

Resolution

This option allows you to set the pixel resolution for captured images.

1. Press **MODE** once to enter Photo Mode
2. Press **MENU** once to enter Photo Settings
3. Press the **UP** or **DOWN** button to navigate to the "**Resolution**" option
4. Press **OK** to view current selection:
12M 4032x3024, 10M 3648x2736, etc.
5. Press the **UP** or **DOWN** button to make your selection
6. Press **OK** to confirm your entry
7. Press **MENU** to exit Photo Settings
8. Press **OK** to capture an image

Capture Mode

With this feature you can set a timer for automatically capturing images.

1. Press **MODE** once to enter Photo Mode
2. Press **MENU** once to enter Photo Settings
3. Press the **UP** or **DOWN** button to navigate to the "**Capture Mode**" option
4. Press **OK** to view the current selection: **2SEC/5SEC/10SEC**
5. Press the **UP** or **DOWN** button to make your selection
6. Press **OK** to confirm your entry
7. Press **MENU** to exit Photo Settings
8. Press **OK** to start the timer

Sequence Mode

This feature allows you to capture a sequence of 3 quick photos with one button press.

1. Press **MODE** once to enter Photo Mode
2. Press **MENU** once to enter Photo Settings
3. Press the **UP** or **DOWN** button to navigate to the "**Sequence**" option
4. Press **OK** to view the current **ON/OFF** status for this feature
5. Press the **UP** or **DOWN** button to enable or disable this feature
6. Press **OK** to confirm your entry
7. Press **MENU** to exit Photo Settings
8. Press **OK** once to capture a 3-photo sequence

Quality

This option allows you to set the quality level of captured images. (**Lower quality images take up less space on the memory card.**)

1. Press **MODE** once to enter Photo Mode
2. Press **MENU** once to enter Photo Settings
3. Press the **UP** or **DOWN** button to navigate to the "**Quality**" option
4. Press **OK** to view the current selection:
FINE / NORMAL / ECONOMY
5. Press the **UP** or **DOWN** button to make your selection
6. Press **OK** to confirm your entry
7. Press **MENU** to exit Photo Settings
8. Press **OK** to capture an image

Sharpness

This feature will automatically enhance captured images for a clearer, more distinct picture.

1. Press **MODE** once to enter Photo Mode
2. Press **MENU** once to enter Photo Settings
3. Press the **UP** or **DOWN** button to navigate to the "**Sharpness**" option
4. Press **OK** to view the current selection:
STRONG / NORMAL / SOFT
5. Press the **UP** or **DOWN** button to make your selection
6. Press **OK** to confirm your entry
7. Press **MENU** to exit Photo Settings
8. Press **OK** to capture an image

White Balance

This setting allows you to adjust the lighting balance for different environments. The "**AUTO**" setting is recommended for most situations.

1. Press **MODE** once to enter Photo Mode
2. Press **MENU** once to enter Photo Settings
3. Press the **UP** or **DOWN** button to navigate to the "**White Balance**" option
4. Press **OK** to view the current selection:
AUTO / DAYLIGHT / CLOUDY / TUNGSTEN / FLUORESCENT
5. Press the **UP** or **DOWN** button to make your selection
6. Press **OK** to confirm your entry
7. Press **MENU** to exit Photo Settings
8. Press **OK** to capture an image

Color

This feature allows you to choose color effect for captured images.

1. Press **MODE** once to enter Photo Mode
2. Press **MENU** once to enter Photo Settings
3. Press the **UP** or **DOWN** button to navigate to the "**Color**" option
4. Press **OK** to view the current selection:
Color / Black & White / Sepia
5. Press the **UP** or **DOWN** button to make your selection
6. Press **OK** to confirm your entry
7. Press **MENU** to exit Photo Settings
8. Press **OK** to capture an image

ISO

This setting enables you to adjust the camera's sensitivity to light when taking photos. The higher the number, the greater the light sensitivity. The "**AUTO**" setting is recommended.

1. Press **MODE** once to enter Photo Mode
2. Press **MENU** once to enter Photo Settings
3. Press the **UP** or **DOWN** button to navigate to the "**Color**" option
4. Press **OK** to view the current selection: **100/200/400/AUTO**
5. Press the **UP** or **DOWN** button to make your selection
6. Press **OK** to confirm your entry
7. Press **MENU** to exit Photo Settings
8. Press **OK** to capture an image

Exposure

This setting allows you to adjust the brightness level of captured images. The "+0.0" setting is recommended.

1. Press **MODE** once to enter Photo Mode
2. Press **MENU** once to enter Photo Settings
3. Press the **UP** or **DOWN** button to navigate to the "**Color**" option
4. Press **OK** to view the current selection: +0.0, +1/3, -1/3, etc.
5. Press the **UP** or **DOWN** button to make your selection
6. Press **OK** to confirm your entry
7. Press **MENU** to exit Photo Settings
8. Press **OK** to capture an image

Anti-Shaking

This feature enables the image stabilizer function to reduce blurring of captured images.

1. Press **MODE** once to enter Photo Mode
2. Press **MENU** once to enter Photo Settings
3. Press the **UP** or **DOWN** button to navigate to the "**Anti-Shaking**" option
4. Press **OK** to view the current **ON/OFF** status for this feature
5. Press the **UP** or **DOWN** button to enable or disable this feature
6. Press **OK** to confirm your entry
7. Press **MENU** to exit Photo Settings
8. Press **OK** to capture an image

Quick Review

Enabling this feature will allow you to immediately view each captured image for a few seconds before taking the next photo.

1. Press **MODE** once to enter Photo Mode
2. Press **MENU** once to enter Photo Settings
3. Press the **UP** or **DOWN** button to navigate to the "**Quick Review**" option
4. Press **OK** to view the current selection: **OFF/2SEC/5SEC**
5. Press the **UP** or **DOWN** button to make your selection
6. Press **OK** to confirm your entry
7. Press **MENU** to exit Photo Settings
8. Press **OK** to capture an image

Date Stamp

This feature will automatically apply date and/or time stamp to captured images.

1. Press **MODE** once to enter Photo Mode
2. Press **MENU** once to enter Photo Settings
3. Press the **UP** or **DOWN** button to navigate to the "**Date Stamp**" option
4. Press **OK** to view the current selection:
OFF / Date / Date & Time
5. Press the **UP** or **DOWN** button to make your selection
6. Press **OK** to confirm your entry
7. Press **MENU** to exit Photo Settings
8. Press **OK** to capture an image

Playback Mode (Photo)

Follow these steps to view captured images as a continuous slide show.

1. Press **MODE** twice to enter Photo View Mode
2. Press the **UP** or **DOWN** button to navigate through the stored image files
3. Press **MENU** to view options for the selected file:
Delete / Protect / Slide Show
4. Press the **DOWN** button to select "**Slide Show**"
5. Press **OK** to view time options for each slide:
2Sec / 5Sec / 8Sec
6. Press **UP** or **DOWN** to make your selection
7. Press **OK** to confirm your entry and start the slide show
8. Press **MENU** to stop the slide show

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