

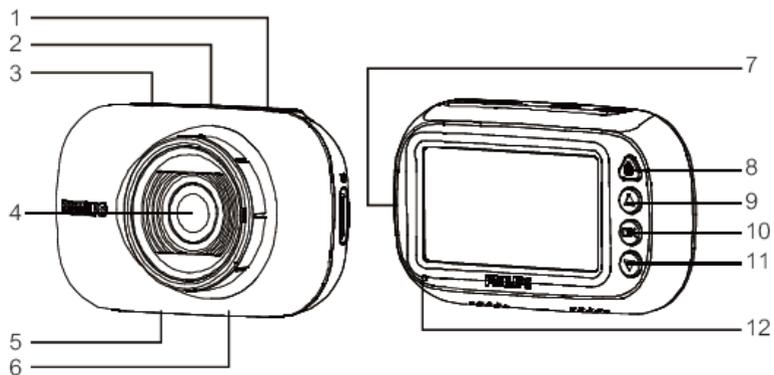
User Manual
Automotive Driving Recorder



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1 Product Overview / Device display



1. Suction cup holder
2. Micro USB port
3. Mini USB port
4. Lens
5. Microphone
6. Speaker

7. Micro SD card slot
8. Emergency/Return button
9. Up button
10. Enter button(OK)
11. Down button
12. Status indicator



Bracket for suction
mount x 1



Charger x 1

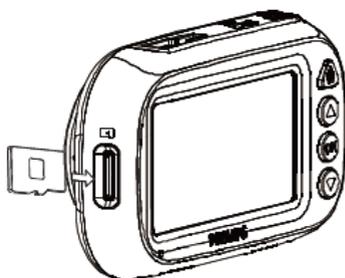


USB cable x 1

2 Quick Start

Insert SD Memory Card

Insert the memory card with the golden contacts side of the card facing the front of the camera.



About the Micro SD card

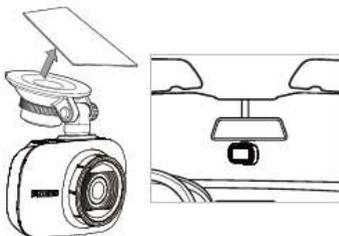
1. Please use a Micro SD card with a capacity of at least 16GB, Class 10 (maximum 128GB). It is recommended to use 32GB card or above if you are using the FHD rear camera module.
2. Format your Micro SD card before first use by selecting "format SD card" in the system settings of your GoSure device.
3. The relationship between card capacity and recording time is given below.

Micro SD Card Capacity	ADR820 Single Camera		ADR820 Dual Camera	
	1080P/30fps	720P/30fps	1080P/30fps	720P/30fps
32GB	320 minutes	520 minutes	160 minutes	260 minutes
64GB	640 minutes	1040 minutes	320 minutes	520 minutes
128GB	1280 minutes	2080 minutes	640 minutes	1040 minutes

1. Install the suction cup onto the device.



2. Find a suitable position on your windshield and lock the suction cup.

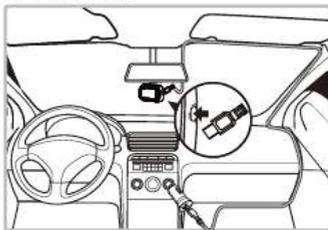


3. Adjust the position of the device within the mount to ensure you're recording a clear view of the road.



4. Connect the USB cable to the Micro USB socket on the device.
5. Plug the other end of this supplied car charger into the 12-24V DC outlet of your vehicle (running the wire under the glove box and

around the edge of the windshield).



6. Now your Philips GoSure will automatically turn on when you start your engine and will stop recording only when you turn it off again.

Note:

1. Please use our dedicated car charger to avoid any device incompatibility issues.
2. To avoid damaging the video recording, please unplug your device before inserting or removing your SD memory card.
3. To remove the SD card, simply press down on the card and it will eject from the card slot automatically.
4. If the car power supply doesn't turn off automatically, it is recommended that you disconnect the device's charger cable manually, to avoid draining your car's battery.

3 Connecting the GoSure App

1. To download the app, please search “Philips GoSure” in Apple’s App Store or the Google Play Store.



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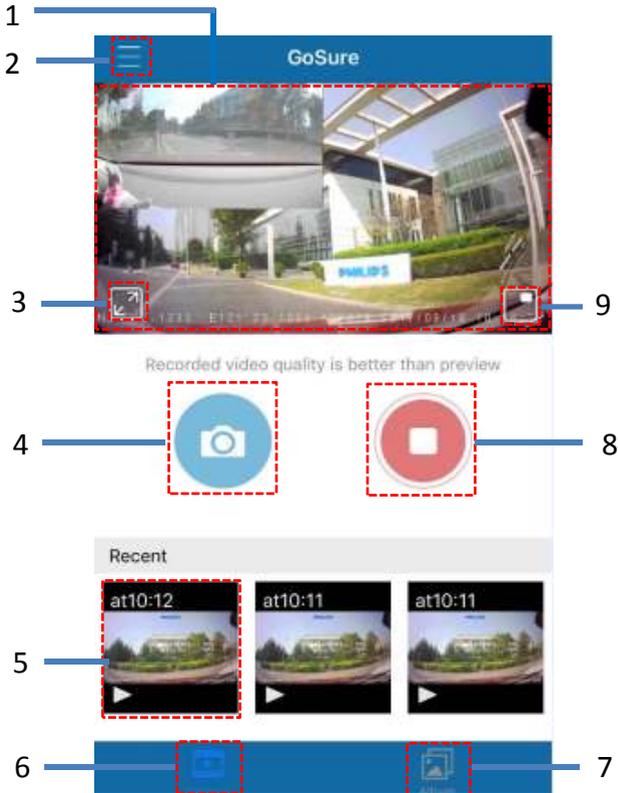
2. Open your mobile phone Wi-Fi or WLAN settings. Find the “PHILIPS_xxxx” device and connect to it. The default password is “12345678”.
3. Now open the Philips “GoSure” app and you can watch live what the camera is recording, or playback older footage, and adjust other settings directly on your mobile phone.

Note:

1. You need to reconnect the app to the device after modifying SSID or the password.

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Using the GoSure App



No.	Function	Description
1	Live view display	Displays the road view in real-time.
2	Menu	Tap this icon to enter the menu settings.
3	Full screen icon	Tap this icon to enter full screen mode.
4	Camera icon	Tap this icon to take a photo.
5	Recent video file	Tap these thumbnails to watch the most recent recordings.
6	Live view tab	Tap this icon to enter the live view interface.
7	Album tab	Tap to enter your video album (where past recordings are stored).
8	Start/stop play icon	Tap this icon to start or stop recording
9	PIP switch	Switch to "Picture in Picture" mode.

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GoSure app system settings

No.	Main menu	Sub menu	Description
1	Device information	SSID	Device's SSID number.
		Password	Device app's user password.
		Display Auto off	Set how long before the devices's display will turn off automatically. Or set the monitor always on.
2	Video	Video Duration	Set up the device video clip duration.
		Resolution	Adjust video resolution settings.
		Motion Detection	Select "ON" to trigger motion detection function. This will now detect movement in the field of view. In case any movement is detected, it will start recording automatically. If no more activity is detected, the device will automatically stop recording. Note: Motion detection function will not be available when the GoSure app is connected.
		Voice Recording	Turn voice recording function on/off.
		Time Stamp	Turn the date and time stamp on the recording on/off.
		GPS	Turn GPS on/off. The GPS module is optional (sold separately)
		EV	Manually adjust the exposure level.
3	SD Memory Card	WDR	Turn Wide Dynamic Range(WDR) function on/off.
		Status	SD memory card status.
4	Advanced functions	Format	Format the SD card.
		Collision Detection Sensitivity	Select the level of sensitivity to collision detection between high, medium and low sensitivity, or turn this function off. When switched on, this feature will detect any collision above a certain force threshold, automatically creating an emergency recording. This video file will be saved to the Emergency Recording folder.
		Head Light Warning	Turn head light warning function on/off.
5	System	Driver Fatigue Alert	Turn driver fatigue alert function on/off.
		Firmware Ver.	Display information on the current firmware version
		Set Date	Set mobile phone's time to device.
6	Reset Default Setting	Firmware Update	Update device firmware.
		-	Reset all device settings to the factory default.

6 GoSure ADR820 user interface



No.	Description
1	Recording/Stop indicator
2	Resolution indicator
3	WDR(Wide dynamic range) indicator
4	Voice recording ON/OFF indicator
5	Head light reminding ON/OFF indicator
6	WiFi connection status indicator Yellow: WiFi not connected Green: WiFi connected Mobile phone icon: App connected
7	Emergency recording indicator
8	Recording time
9	Fatigue index
10	Date/Time stamp
11	Location stamp
12	GPS status indicator Gray: GPS off Yellow: GPS not located Green: GPS located The GPS module is optional (sold separately)

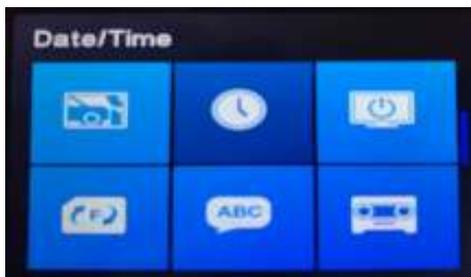
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GoSure ADR820 system settings

Press the **OK** button to open the menu list, allowing you to adjust various device settings.

7.1 Set the Date and Time

1. Press **OK** to open the on-screen display menu.



2. Press **▲/▼** to select clock icon and then press **OK** to enter date and time setting page.



3. To adjust date and time field, press **▲/▼** to select the field.
4. Press **▲/▼** to select the value.
5. Repeat steps 3-4 to adjust other fields.
6. Press **⏏** to save your changes.

7.2 Function settings

No.	Function	Menu Icon	Description
1	Video		Operate normal and emergency video files, users can play, pause, delete, lock and unlock the video files.
2	Preview Mode		Set preview mode to picture in picture, single front camera or single rear camera display on LCD screen.
3	WiFi		Set WiFi open, close, SSID and password, get APP download information.
4	Resolution		Set the video resolution to Full HD 1080P(FHD), and HD Premium.
5	Video Time		Set video clip time to 1 minute, 3 minutes, 5 minutes.
6	WDR(Wide Dynamic Range)		Turn the WDR function on/off.
7	Collision Detection		Select the level of sensitivity to collision detection between high, medium and low sensitivity, or turn this function off. When switched on, this feature will detect any collision above a certain force threshold, automatically creating an emergency recording. This video will be saved to the Emergency Recording folder.
8	Date/Time		Set the date, time and time zone for the device.
9	Display Auto off		Set the time before the device's display is turned off automatically, or set the monitor always on.
10	Format		Format your TF card(Micro SD). Please format your card using the device before you use it for the first time.
11	Language		English and Chinese are available for selection.
12	Voice Recording		Turn voice recording function on/off.
13	EV		Manually adjust the exposure level.
14	Date Stamp		Set date and time marking on the video on/off.
15	Remind Light		Set remind light function on/off.

17	GPS		Turn GPS function on/off. The GPS module is optional (sold separately)
18	Driver Fatigue Alert		Turn driver fatigue alert function on/off.
19	Default		Reset all device settings to the factory default.
20	About		Firmware version.

8.1 Device button icons:

-  button: Emergency button/Return button
-  button: Up button/Voice recording on/off button
-  button: Enter/Action button
-  button: Down button/PIP mode button

8.2 Record video:

8.2.1 Normal video recording

With a MicroSD memory card inserted, every time you turn on the device, it will automatically start recording with the default settings. When you switch your vehicle engine off, the camera will stop recording automatically. A normal video recording file is saved in the "NORMAL" folder (viewable in the GoSure app). The file name is the system time (hour, minute, second) as a prefix.

8.2.2 Emergency video recording

An emergency file will be automatically generated when you either press the emergency button (see 8.1) or the device detects a collision above a certain force threshold. This file will be stored in the "EMGREC" folder (again, viewable in you GoSure app).

9.1 Driver fatigue alert

To help drivers keep track of how tired they might be getting, the device comes with a fatigue alert. This takes into account various physiological and journey related parameters; for example, it considers the time of day and the time spent driving. The device will alert you every two hours of driving, to remind you that fatigue could be becoming an issue.

As well this alert, there is also a fatigue indicator on the device's display. With a low fatigue rating below 60, the indicator is green. When the fatigue rating is between 60 and 80 the indicator is yellow and a warning alert sounds. When the fatigue rating reaches 80, the indicator turns red and three warning beeps sound.

When you switch on this driver fatigue feature, it's important that you set correct system time (so it knows at what time of day you're driving). If you have this feature switched off, the fatigue rating will not be displayed on the screen.

10.1 Firmware download

To update the firmware (the device's in-built software), please download the latest file version from Philips.com or contact Philips Consumer Care for assistance.

10.2 How to update firmware

1. Copy the firmware (ADR820.bin) to your SD memory card root folder.
2. Then insert the memory card into the device and press the emergency button, before plugging in the power cable to the device.
3. A green LED will then blink, indicating the device is updating automatically.
4. When the device restarts it means the update was successful, please enter the menu and check the firmware version in "About".

11**Technical specifications**

Automatic functions	Automatic recording Driver fatigue alert with fatigue index Collision detection & emergency file protection Seamless loop recording Auto exposure Auto white balance Head lighting warning Motion detection Date and time stamp Advanced night view
Image Sensor	2.1 Mega pixels CMOS
Video Resolution	Full HD (1920x1080p) @30fps HD (1280x720p) @30fps
Display	2.7" LCD
Aperture Range	F/#1.8
WiFi	802.11 b/g/n 2.4GHz
APP controled	IOS/Android
File format	.MP4
Fixed Lens	FOV 140° (Diagonal) wide angle
Random Access Memory	128Mx16 (2Gbits) DDR3 SDRAM
Internal Memory	64Mb SPI Flash
ISO	6400
RTC	5 days
Accessories	Micro USB Car Cigar Lighter Charger Quick Guide, Suction cup bracket
Languages	English, Chinese



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