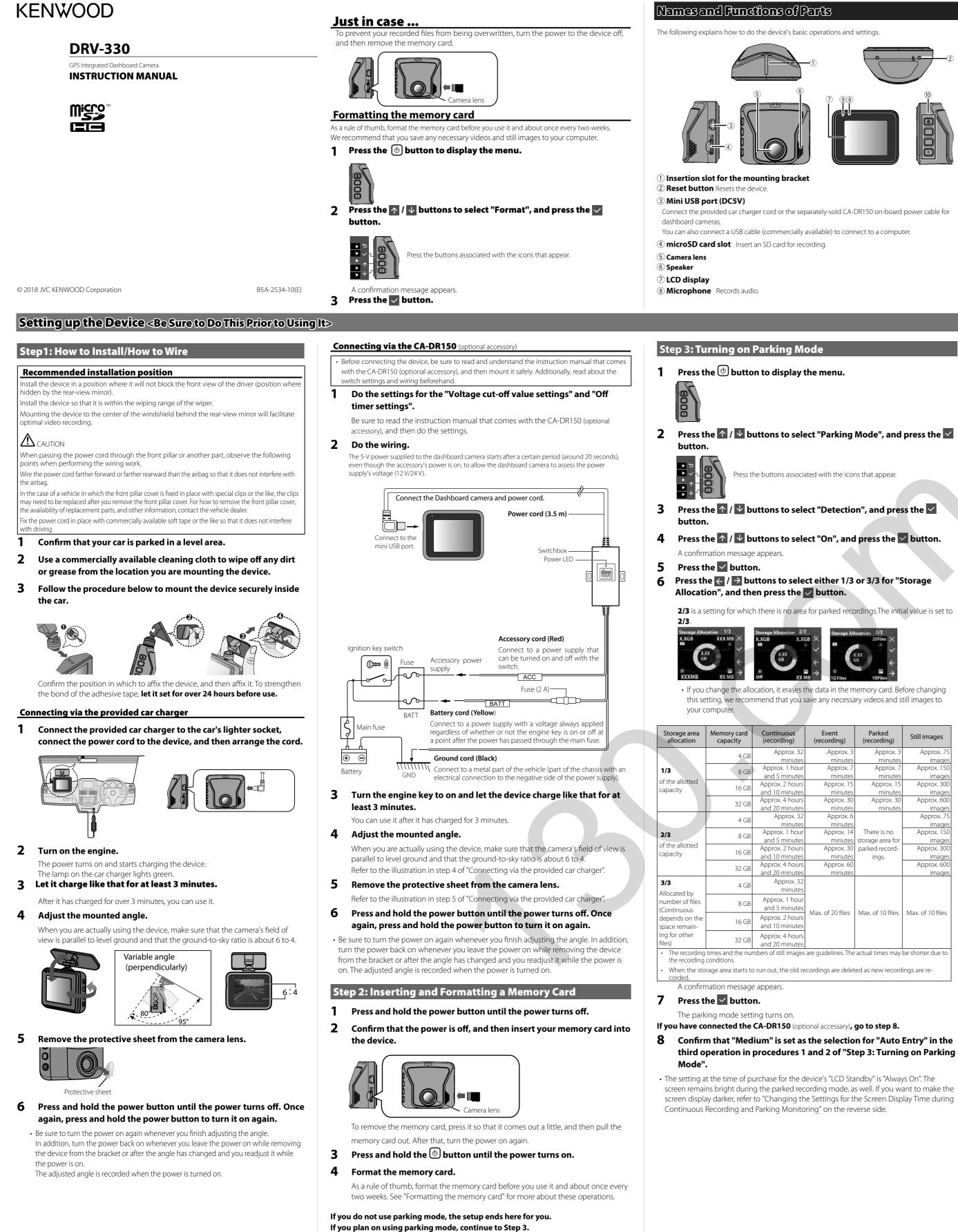
PHONES 0 (800) 800 130 0 (800) 800 130 130 (050) 462 0 130 063) 462 0 130 (067) 462 0 130 COM.UA

CAR RECEIVERS — Receivers • Media receivers and stations • Native receivers • CD/DVD changers • FM-modulators/USB adapters • Flash memory • Facia plates and adapters • Antennas • Accessories | CAR AUDIO — Car audio speakers • Amplifiers • Subwoofers • Processors • Crossovers • Headphones • Accessories | TRIP COMPUTERS — Universal computers • Model computers • Accessories | GPS NAVIGATORS — Portable GPS • Built-in GPS • GPS modules • GPS trackers • Antennas for GPS navigators • Accessories | VIDEO — DVR • TV sets and monitors • Car TV tuners • Cameras • Videomodules • Transcoders • Car TV antennas • Accessories | SECURITY SYSTEMS — Car alarms • Bike alarms • Mechanical blockers • Immobilizers • Sensors • Accessories | OPTIC AND LIGHT — Xenon • Bikenon • Lamps • LED • Stroboscopes • Optic and Headlights • Washers • Light, rain sensors • Accessories | PARKTRONICS AND MIRRORS — Rear parktronics • Combined parktronics • Rear-view mirrors • Accessories | HEATING AND COOLING — Seat heaters • Mirrors heaters • Screen-wipers heaters • Engine heaters • Air - orditioning units • Accessories | TUNING — Vibro-isolation • Noise-isolation • Tint films • Accessories | ACCESSORIES — Radar-detectors • Handsfree, Bluetooth • Windowlifters • Compressors • Beeps, loudspeakers • Mearing instruments • Cleaners • Carsits • Miscellaneous | MOUNTING — Installation kits • Upholstery • Grilles • Tubes • Cable and wire • Tools • Miscellaneous | POWER — Batteries • Converters • Start-charging equipment • Capacitors • Accessories | MARINE AUDIO AND ELECTRONICS — Marine receivers • Marine audio speakers • Marine subwoofers • Marine amplifiers • Accessories | CAR CARE PRODUCTS — Additives • Washer fluid • Care accessories • Car polish • Flavors • Adhesives and sealants | LIQUID AND OIL — Motor oil • Transmission oil • Brake fluid • Antifreez • Technical lubricant



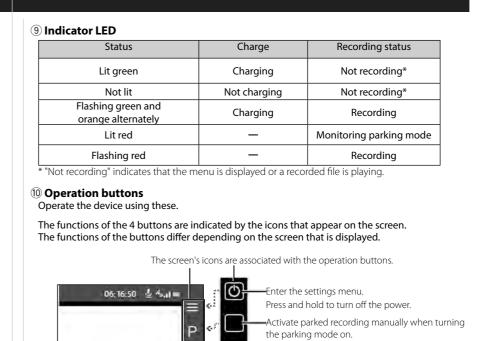
In store "130" you can find and buy almost all necessary goods for your auto in Kyiv and other cities, delivery by ground and postal services. Our experienced consultants will provide you with exhaustive information and help you to chose the very particular thing. We are waiting for you at the address

https://130.com.ua





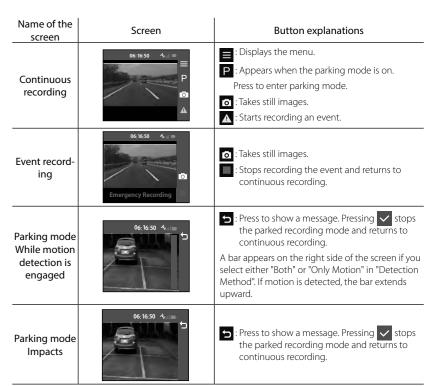
Event ecording)	Parked (recording)	Still images		
Approx. 3	Approx. 3	Approx. 75		
minutes	minutes	images		
Approx. 7	Approx. 7	Approx. 150		
minutes	minutes	images		
Approx. 15	Approx. 15	Approx. 300		
minutes	minutes	images		
Approx. 30	Approx. 30	Approx. 600		
minutes	minutes	images		
Approx. 6		Approx. 75		
minutes		images		
Approx. 14	There is no	Approx. 150		
minutes	storage area for	images		
Approx. 30	parked record-	Approx. 300		
minutes	ings.	images		
Approx. 60		Approx. 600		
minutes		images		
x. of 20 files	Max. of 10 files	Max. of 10 files		
uidelines. The actual times may be shorter due to				
ings are deleted as new recordings are re-				



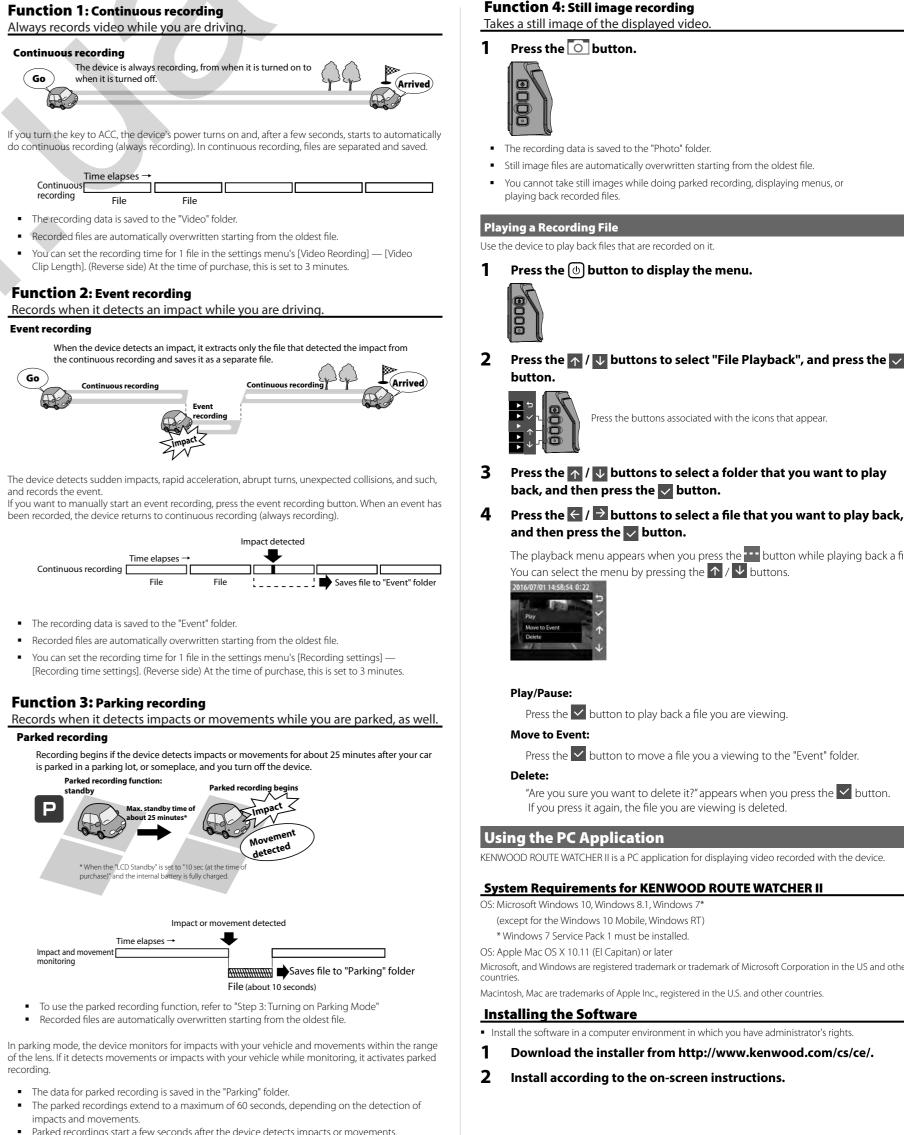
—Take still images

ress to start recording an event

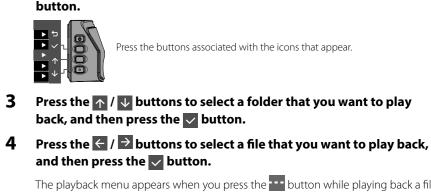




Recording Modes



- Parked recordings start a few seconds after the device detects impacts or movements. You can set the sensitivity for monitoring methods in the settings menu's [Parking Mode] — [Detection Method].
- If You Want to Use the Parked Recording Function Longer
- Use the separately-sold CA-DR150 on-board power cable for dashboard cameras and turn parking mode on.
- To do continuous recording while parked, set the [Auto Entry] settings to [Manual]. While overwriting older files without switching to parking mode, the device continues recording to the "Video" folder until it reaches the off timer settings value.



playing back recorded files.

The playback menu appears when you press the ******* button while playing back a file. You can select the menu by pressing the \frown / \checkmark buttons.



Play/Pause:

Press the 🖌 button to play back a file you are viewing.

Move to Event: Press the 🖌 button to move a file you a viewing to the "Event" folder. Delete:

"Are you sure you want to delete it?" appears when you press the 🖌 button. If you press it again, the file you are viewing is deleted.

Using the PC Application

System Requirements for KENWOOD ROUTE WATCHER II

OS: Microsoft Windows 10, Windows 8,1, Windows 7 (except for the Windows 10 Mobile, Windows RT)

* Windows 7 Service Pack 1 must be installed.

OS: Apple Mac OS X 10.11 (Fl Capitan) or later

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Macintosh, Mac are trademarks of Apple Inc., registered in the U.S. and other countries.

Installing the Software

- Install the software in a computer environment in which you have administrator's rights.
- 1 Download the installer from http://www.kenwood.com/cs/ce/.
- 2 Install according to the on-screen instructions.

Various Settings

Displaying the Menu						
Press	Press the 🕑 button to display the menu.					
The menu appears. • When you are in parked recording mode, press the power button to cancel it. • Recording halts while the setup menu is on display. Menu Screen Operations						
fil ↓ So	1/2 e Playback und Recording urking Mode		Returns to a previous item.			
E a Vi	deo Recording	^ <u>~</u> □	Moves the menu up.			
101 5	ystem 🕨		Move the menu down.			
Menu		Item	Function explanation			
File Playba	ack	Video* Event Parking Photo	Select the folder and file to play back. While playing the file back, you can move it and delete it.			
Sound Re	cording	On* Off	Set whether or not to record sound at the same time as recording video.			
Parking Mode	Detection	On Off*	Set whether or not to use parking mode. A screen to set the storage area and to format the memory card appears when the parking mode is set to "On". Save any files you need to a computer, etc., before you change any settings. For information about how to do these settings, see step 3 of "Setting up the Device" on the front of this manual.			
	Detection Method	Both* Only G-sensor Only Motion	Set the detection method that starts the parking mode's video recording. Only G-sensor: Monitors impacts with your vehicles. Only Motion: Monitors movements within the range of the lens.			
	Auto Entry	Easy Medium* Difficult Manual	While the device's power is on, if the unit has not felt any vibrations from the vehicle for about 5 minutes, it determines that the vehicle is parked, and activates parked recording mode. Set the sensitivity of the sensors that activate the parked recording mode. Easy: parked recording mode activates when there are subtle vibrations Difficult: parked recording mode activates when there are harsh vibrations Manual: manually activate the parking mode without automatic activation To activate the parking mode manually: Press the vibration.			
	Motion Detection	Low Medium* High	Set the sensitivity at which the movements of people and vehicles in the range of the lens are detected.Low (hard to detect) ↔ High (easy to detect)			

	G-Sensor Sensi- tivity	Low Medium*	Set the sensitivity to detect impacts with your vehicle.			
20	Video Clip	High 1 min	Low (hard to detect) ↔ High (easy to detect) Set the recording time per file that is recorded			
cording	Length	3 min* 5 min	during continuous recording (always recording) and event recording.			
	WDR	On*	Set the function that reduces underexposure			
		Off	and overexposure when there is a big difference in the lighting of the scene.			
	EV	-1 to 0* to 1	Set the brightness of the screen and the			
			exposure level (brightness) of the image being recorded.			
	G-Sensor Sensi-	Low(1) to (4*)	Set the detection sensitivity for impacts that are			
	tivity	to High(6)	stored to the event recording area, according			
			to the impact that occurred during normal			
			recording. High: easy to detect			
			Low: hard to detect			
	Stamps	Coordinates*	Set the information to be recorded in the			
		G-sensor	recorded image. The information appears at			
			the bottom right of the recorded image and in			
	Constant and a state of the	Que ¥	KENWOOD ROUTE WATCHER II.			
	Speed stamp	On* Off	Set whether or not to show the speed you were driving in the recorded files.			
	Text stamp	_	If you enter text (a maximum of 12 characters),			
			it appears at the bottom right of the recorded files during playback.			
stem	Satellites		Shows the reception status of the GPS signal.			
	Dete Time					
	Date/Time	Use GPS time*	This automatically sets the date and time. You must set the "Time Zone" and "Daylight Saving			
			Time".			
		Manual	Manually set the date and time.			
	System Sound	On*	Set whether or not to have warning sounds or			
		Off	menu operation sounds.			
	Volume		Set the volume for playing back video files.			
	LCD Standby	Always On*	Set the amount of time until the screen display			
		10 sec	turns off when it is not in use.			
		1 min	Press any of the device's buttons to turn the			
		3 min	screen display back on.			
	Language	Select the language used for the setting items. Default is "English".				
	Distance Unit	Metric Imperial*	Set the units for distance and speed.			
	Storage Alloca-	1/3	Set the storage areas for saving continuous			
	tion	2/3*	recordings, event recordings, parked recordings,			
		3/3	and still images.			
			Changing the settings formats and deletes all			
			data. Make a backup of the necessary files in your memory card before doing this.			
	Restore to	A message appe	ars. Press the 🗸 button to return the menu's			
	Defaults	settings to the fa				
		Press the v button to format and erase all data. Make a backup				
		of the necessary files in your memory card before doing this.				
	Version	Shows the version.				
mat	Format the mem	,				
	-	formats and deletes all data.Make a backup of the necessary files in your				
			memory card before doing this.			

	hanging the Settings for the Sc ontinuous Recording and Parki
At tl You	can set the time until the display screen darkens (the scr he time of purchase, this is set to "Always On". The screen cannot set the brightness for each mode separately, suc screen darkens at the set time when it is not in use if thi
•	The function in which the screen display darke in instances such as displaying the menu, durin recording, except for when doing continuous The monitoring time for parking mode shorter
1	set for the display time. Press the (1) button to display the n
•	
2	Press the ↑ / ↓ buttons to select " button.
	Press the buttons associated w
3	Press the 🛧 / 🗸 buttons to select "I button.
4	Press the \uparrow / \checkmark buttons to select the press the \checkmark button.
	hanging the Set Recording Time ogs and Event Recordings
1	Press the 🕑 button to display the r
2	Press the 🛧 / 🗸 buttons to select " button.
	Press the buttons associated w
3	Press the 🛧 / 🖖 buttons to select " 🗸 button.
4	Press the \uparrow / \checkmark buttons to select the press the \checkmark button.

Precautions and notices

Precautions and notices

- Warning! Do not operate the device while driving. Using this product does not change the requirement for a driver to take full responsibility for his or her behavior. This responsibility includes observing all traffic rules and regulations in order to avoid accidents, personal injury or property damage.
- For your own safety, do not operate the controls of the product while driving. • A window mount is needed when using the recorder in a car. Make sure that you place the recorder in an appropriate place, so as not to obstruct the driver's view or deployment of airbags.
- Make sure that no object is blocking the camera lens and no reflective material is placed near the lens. Please keep the lens clean.
- If the car's windscreen is tinted with a coating, it may impact the recording quality.
- Connect the charger to a proper power source. The voltage requirements are found on the product case and/or packaging.
- Do not use the charger if the cord becomes damaged.
- Do not attempt to service the unit. There are no serviceable parts inside. Replace the unit if it is damaged or exposed to excess moisture.

Caring for your device

- Taking good care of your device will ensure trouble-free operation and reduce the risk of
- damage. Keep your device away from excessive moisture and extreme temperatures.
- Avoid exposing your device to direct sunlight or strong ultraviolet light for extended periods of time.
- Do not place anything on top of your device or drop objects on your device.
- Do not drop your device or subject it to severe shock.
- Do not subject your device to sudden and severe temperature changes. This could cause
- moisture condensation inside the unit, which could damage your device. In the event of moisture condensation, allow the device to dry out completely before use. • The screen surface can easily be scratched. Avoid touching it with sharp objects. Nonadhesive
- generic screen protectors designed specifically for use on portable devices with LCD panels may be used to help protect the screen from minor scratches.
- Never clean your device with it powered on. Use a soft, lint-free cloth to wipe the screen and the exterior of your device.
- Do not use paper towels to clean the screen.
- Never attempt to disassemble, repair or make any modifications to your device. Disassembly, modification or any attempt at repair could cause damage to your device and even bodily injury or property damage and will void any warranty.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment
- as your device, its parts or accessories. • To discourage theft, do not leave the device and accessories in plain view in an unattended vehicle
- Overheating may damage the device.

Cleaning the Device

When the device is dirty, wipe it with a dry silicone cloth or other soft cloth. If the device is very dirty, remove the dirt with a cloth with neutral cleaner on it and then wipe off the cleaner. Wiping the device with a hard cloth or using using a volatile substance such as thinner or alcohol may cause scratches, deformation, deterioration, or other damage. When the lens is dirty, gently wipe it with a soft cloth dampened with water. Rubbing the lens strongly with a dry cloth may cause scratches.

Precautions for Installation

For

- Install the device in a position where it will not block the front view of the driver (position where hidden by the rear-view mirror).
- Install the device so that it is within the wiping range of the wiper.
- · Install the device in a position where it will not interfere with the movement of the rearview mirror.
- Take care not to install the device over the vehicle inspection sticker or other sticker.
- Take care not to install the device where it will interfere with driving or airbag operation. · When installing the device in a vehicle equipped with a driving support system, check the instruction manual of the vehicle and then select an installation location that will not interfere with the driving support system.
- If the device is installed incorrectly, event recording or parking recording may not work correctly. Refer to "How to Install" for the loosening of fixing knob, installation orientation, installation angle, and other information and then install the device correctly.
- Do not install the device near a digital terrestrial television antenna or an electrical component. Doing so may reduce television receiver sensitivity or cause flickering and noise.
- Use a commercially available cleaning cloth or the like to wipe off all dirt and grease on the mounting surface and then fix the mount base in place. If the device is re-affixed or mounted using, for example, general-purpose double-sided tape, the adhesion strength may weaken and cause the device to fall.
- After mounting the device, leave it for 24 hours before use to enable the mounting strength of the mount bracket to improve. Failing to do so may result in the adhesion of
- the mount bracket becoming weak and the device falling. • Fix the cord in place with tape or the like so that it does not interfere with driving.

Precautions for Use

Do not block the camera lens, get dirt on it, or place a reflective object near it. When LED traffic lights are recorded, video in which they appear to be flickering or flashing may be recorded. JVC KENWOOD assumes no responsibility with regard to the distinguishing or recording of traffic lights.

If coating is used on the windshield of the vehicle, recording quality may be affected. There is no guarantee that the device can record video in all conditions.



Information on Disposal of Old Electrical and Electronic Equipment and Batteries (applicable for countries that have adopted separate waste collection systems Products and batteries with the symbol (crossed-out wheeled bin) cannot be disposed of as household

waste

conformity is available at the following internet address

Old electrical and electronic equipment and batteries should be recycled at a facility capable of handling these items and their waste by products. Contact your local authority for details in locating a recycle facility nearest to you. Proper recycling and waste disposal will help conserve resources while preventing detrimental effects on our health and the environment

reen Display Time during ng Monitoring

- creen turns off) when it is not in use. n remains bright, even in parking mode uch as during parking mode. his is set to anything other than "Always On". kens (the display turns off) does not work
- ring parked recording, and during event recording and monitoring parking. ens if anything other than 10 seconds is
- menu
- "System", and press the 🗸
- with the icons that appear
- "LCD Standby", and press the 🔽
- the time you want to set, and then

e for Continuous Record-

- nenu
- "Video Reording", and press the
- with the icons that appear.
- 'Video Clip Length", and press the
- the time you want to set, and then



- Hereby, we declare that the radio equipment DRV-330 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of
 - URL: http://www.kenwood.com/cs/ce/eudoc/

Setting the Date and Time Set the date and time of the device. 1 Press the 🕑 button to display the menu. 2 Press the 1 / 4 buttons to select "System", and press the button Press the buttons associated with the icons that appear. 3 Press the ↑ / ↓ buttons to select "Date/Time", and press the ✓ button.

- 4 Press the ↑ / ↓ buttons to select an item , and press the v button. When "Use GPS time" was selected, the timezone settings is displayed.
- Press the \uparrow / \checkmark buttons to select the timezone , and press the \checkmark button. 5 Press the ↑ / ↓ buttons to select the "Daylight Saving Time", and
 - press the 🔽 button. Daylight Saving Time:Off*/+1 hour/+30 min/-1 hour/-30 min
- When "manual" was selected, the "Date/Time" is displayed. See the following for information about operations.

Manually Setting the Date and Time

- Do the processes until step 4 of "Setting the Date and Time", and then select "manual".
- 2 Press the 1 / 4 buttons to select the items, (year, month, date, hour, minute, and second), and then press the 🔁 button.



- **3** Repeat the process for step 2 to change the values until "second".
- Press the confirmation button with "second" selected. 4



Specifications

2.0inches Full color TFT

Current Consumption

430mA (Max.1A)

Collision sensitivity

0.5G to 3G (0.5G step)

1/2.7 Color CMOS senso

GPS Receiver

Built-in

G-sensore

Built-in

Image sensor

Number of Pixel

Angles of view

Lens

Horizontal : 100°

Operating voltage (DRV-330)

Screen size

DC 5 0V

Frame rate

- 27.5fps **Recording preservation timing**
- Continuous / Event / Parking **Recording Mode**
- 1/3/5 mi
- Video format H.264(MP4)
- **Picture format**
- JPEG (Max.1920 x 1080) **Recording media**
- microSDHC card 4GB to 32GB Class 6 or higher USB Port
- mini USB-B type Dimensions WxHxD (Main unit)
- 61mm x 54mm x 32mm Weight (Main unit)
- Accessories Car charger cord (3.5 m) x 1
- The specifications and design are subject to change due
- The microSDHC logo is a trademark of SD-3C LLC.

TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OF OTHER DEALINGS IN THE SOFTWARE.

http://opensource.org/licenses/mit-license.php

Others

Guidelines for Recording Times (While the Battery is Full)

- Standing by in parking mode: approx. 25 minutes During continuous recording (time for always recording): approx. 15 minutes Guideline for Charging Time
- When using the provided car charger: approx. 3 hours
- * The battery is not fully charged directly after purchase. As a result, operations may become unstable, and you may not be able to do parked recording. Start using the device after it is fully charged.

GPS

- GPS positioning begins when the power of the device turns on. Positioning may take about 5 minutes to complete depending on the GPS positioning conditions. • GPS satellite signals cannot pass through solid materials (except glass). GPS positioning cannot be used in tunnels and buildings. Signal reception may be affected by conditions such as bad weather and dense overhead obstacles (e.g., trees, tunnels, viaducts, and tall buildings). Speed, position, and other information will not be
- displayed correctly when GPS satellite signals cannot be received.
- GPS positioning data is reference values. • GPS is managed by the U.S. government, which assumes full responsibility for its
- performance. Changes to the GPS system may affect the accuracy of all GPS devices.

If You Notice a Problem with the Device

Reset the device. Turn off the power by pressing the reset button on the back of the device with the tip of a thin paperclip. Press the power button once again to turn the device on again

SD Cards Cards supported by this device

Standard	microSDHC
Capacity	4 GB to 32 GB
Speed class	Class 6 or higher
File system	FAT32

Up to the Class 10 speed class is supported.

Precautions for using SD cards

- When using a commercially available SD card, also check the instructions supplied with the SD
- Be sure to format (initialize) an SD card with the device before use. • SD cards have a product lifespan, such as the number of times that writing can be performed.
- It is recommended to replace the SD card with a new one regularly depending on the usage conditions.
- When inserting and removing an SD card, confirm the orientation, do not bend it, and do not apply a strong force or impact to it.
- Do not directly touch the contact part with a hand or metal. The stored data may be damaged or lost due to static electricity.
- Be sure to back up (copy) the required files in the SD card to a PC or other device. The saved data may be lost due to the usage conditions of the SD card. Please note that JVC KENWOOD cannot compensate for any damages arising from the loss of saved files. Format the memory card periodically.
- Do not remove the memory card while recording or during playback because it may corrupt the data on the memory card.
- The device may not operate normally if you use an SD card that was used by another
- device, such as a computer or digital camera. Format the memory card in the device. • Depending on the specifications of the memory card, the reading and writing speeds for the device's data may differ.

Mounting bracket (double-sided tape) x 1 to technological developments

2M Pixels(1920x1080)

Vertical : 52° Diagonal : 111°

F2.0 Minimum object illuminance 0.7lux

Operating temperature -10 °C to +60 °C **Recording resolution**

1920 x 1080 Full HD(Max.2.0M)

==Konatu Description== This is TrueTypeFont where BitmapFont is embedded. It was confirmed to use it with Windows XP, and Ubuntu 12.10

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===Author=== BY:MASUDA mitiya Mail:mitimasu@gmail.com Please use Japanese or easy peacy English.

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