

Kenwood DRV-N520 Driver Safety Camera Launch Document

Kenwood Integrated Safety Camera DRV-N520 For Use With Kenwood Multimedia System DNX518VDABS



Volkswagen Group Approved Dealer fit option accessory – The DRV-N520 offers customers the latest in technology for their vehicle.

This permanently installed, discrete camera allows users to have a “dash cam” option without a bulky unit with an LCD screen – instead the camera is connected to the Kenwood Multimedia unit and allows full control and play back on the 7” screen.

This windscreen mounted camera not only records other road user’s habits in high definition but also has a built in safety warning system – class leading equipment!

Key Features

CMOS Image Sensor

The Kenwood DRV-N520 safety camera utilises a 1/4" full colour CMOS image sensor which is capable of recording a 4 million megapixel image. At "F2.0" means it operates well in low light conditions and due to the wide angle lens ensures it captures the entire road ahead.

HDR Technology

High Dynamic Range allows the camera to record in dark and bright locations without the need to under or over expose the image. HDR also means that at 27fps (frames per second) the resulting video footage is smooth and clear even though the file size is small!



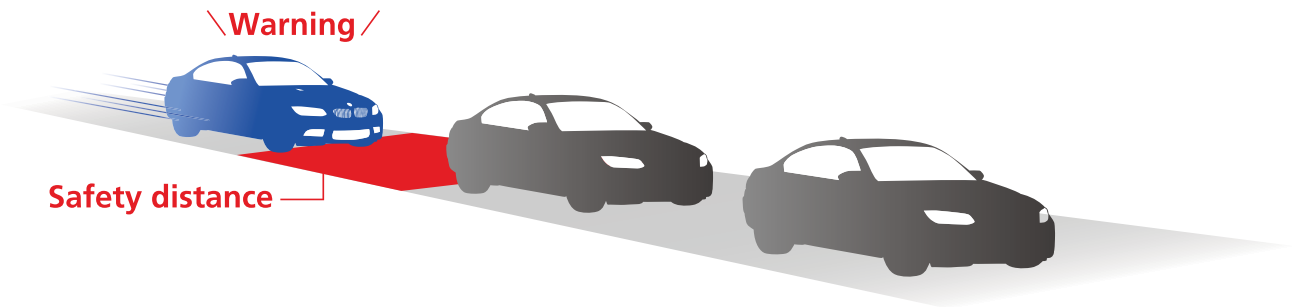
Safety features

The DVR-N520 provides audible warnings to help prevent front end collisions, lane departure and departure delay;



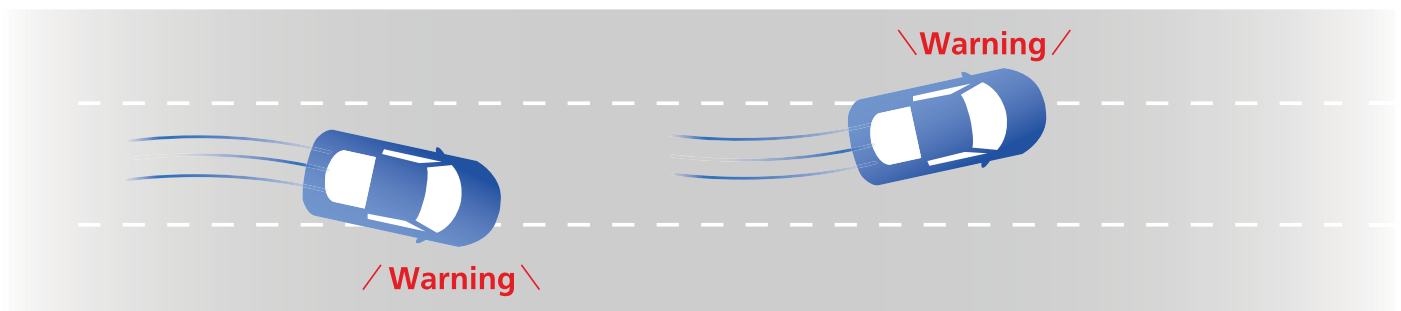
Forward Collision

Detects the distance between your vehicle and the vehicle in front and notifies with a warning sound to prevent a collision with the vehicle in front if a safe distance is not maintained. This operates at 19 mph and faster.



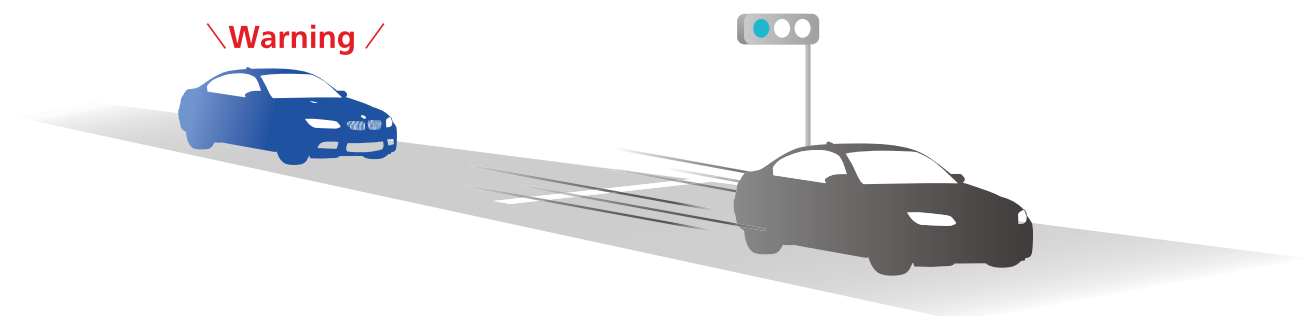
Lane Departure

Detects the lane your vehicle is driving in and notifies with a warning sound when your vehicle is departing from the current lane. This operates at 37 mph and faster.



Departure Delay

When your vehicle is stopped behind the vehicle in front and then the vehicle in front begins moving, an audible warning notifies if your vehicle is late to begin moving. A warning sound is also output when, for example, if your vehicle moves backward.



Recording modes

The DRV-N520 offers four recording modes - Continuous, Manual, Event, & Parking.

Continuous

Turning on the power of the unit starts continuous recording. In continuous recording mode, files are deleted in order from the oldest to record when there is no recording area remaining. Video clip length can be set to 1, 2, or 3 minutes.

Manual

Pressing the "Record" button during continuous recording starts Manual recording. The recording will start 10 seconds before the "Record" button was pressed. You can record up to one minute in Manual record mode. If the recording time exceeds one minute, the file is split to continue recording.

Event

The detection of a sudden collision, unexpected collision, or other event during continuous recording starts Event recording. The recording time of event recording is the 10 seconds before collision detection is activated. Up to one minute files are recorded during Event recording mode. If the recording time exceeds one minute, the file is split to continue recording.

Parking

Turning off the accessory power (ignition) turns off the power of the DVR-N520 and switches to Parking recording mode to perform vehicle collision monitoring. If the vehicle is subjected to a collision, the power of the device turns on and Parking recording starts. When Parking recording ends, vehicle collision monitoring resumes.

Parking recording starts a few seconds after the vehicle is subjected to a collision and then records for 10, 20, or 30 seconds.



Built-in GPS

The DVR-N520's built-in, highly sensitive GPS receiver automatically records driving information in the video such as speed, altitude, longitude, latitude & heading. It can display your location on Google Maps with a link to the web when you play the video on the "Kenwood Drive Reviewer" Windows PC & Mac application.



Built in microphone

To record from the inside of the vehicle, this feature can be turned off.

Includes SD Card

Ready to go, no extra parts required.



Who

This accessory is ideal for anyone looking to protect their vehicle and passengers. It offers everything anyone would expect from a top of the range driving camera and is ideal for anyone wanting the latest technology on the move.

Great for new or young drivers, families or business users – some insurance companies even now insist on fitting these types of devices.

Fitment

The Kenwood DRV-N520 is a permanently installed solution. The bracket is bonded to the windscreen on the passenger side of the rear view mirror and the cable is routed invisibly around the windscreen and down to the Kenwood Multimedia unit DNX518VDABS.

The Kenwood DRV-N520 is a dealer fit option, supplied through Parts department and has a job card time of .5

Direct fit to

All models with DNX518VDABS installed – universal fit.

Ordering

The Kenwood DRV-N520 can be ordered via Parts500 and is supplied DFS.

The DFS programme has a lead time of working 3 days if orders are placed by 2pm.

The part number is as follows;

ZGB 000 035 N520 VW KENWOOD DRV-N520 Linked safety camera

Warranty & Support

The Kenwood DVR N520 carries a 3 year warranty if fitted at PDI or 2 year warranty if sold as an accessory.

There is a dedicated Kenwood technical support number for Volkswagen Retailers 01728 746100.

In the event a unit has to be replaced the Kenwood warranty centre will ship an advance replacement unit to the dealership prior to the vehicle returning to workshop.

The full returns process and advanced replacement form can be found on desktop.

As with all technology based products Kenwood continually strive to improve the operation, add features and expand connectivity potential to maximise customer experience – this means new software is developed and the Kenwood DVR N520 may periodically benefit from a software update.

All software updates can be downloaded free of charge from:

<http://www.kenwood-electronics.co.uk/car/info/support/>

Simply uploaded via USB to the unit – full step by step instructions of this process are detailed in the quick start guide.

Useful contacts:

Technical Helpline: 01728 746100

Warranty Centre: 01728 746500

Keith Watkins Retailer Support: 07774 420677

Kenwood Software URL: <http://www.kenwood-electronics.co.uk/car/info/support/>

Kenwood DRV-N520 URL: <http://www.kenwood-electronics.co.uk/car/oem/vw/DRV-N520/>