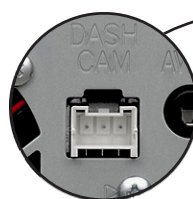


KENWOOD

DRV-N520

• Drive recorder for DashCam Link



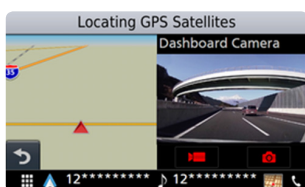
DashCam Link

1 Linkage with multimedia units

The DRV-N520 will be operated by the touch panel of the following headunits: DNX8170DABS, DNX7170DABS, DNX5170DABS, DNX5170BTS, DDX9717BTS, DMX7017DABS and DMX7017BTS.

Available functions:

- Play & monitor Recorded movie/pictures on the headunit with Touch Operation.
- Record location information from connected headunit GPS.
- Indicate pop-up message of safety drive alert on the headunit.
- Single or Split Screen Display.



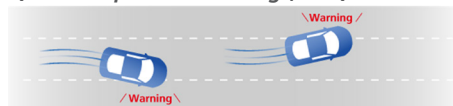
2 Ultra Compact Design



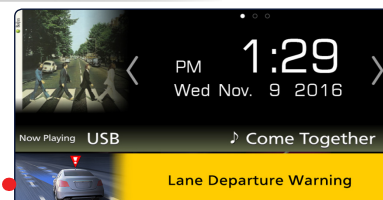
3 Built-in "Save driving features"

Thanks to the "DashCam Link" the DRV-N520 will make a beep sound and shows a warning message on the monitor of the connected KENWOOD multimedia unit

1) Lane Departure Warning (LDW)



by detection of stepping over lane at over 60 km/h.



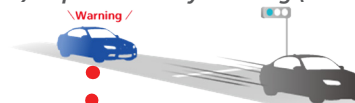
2) Forward Collision Warning (FCW)



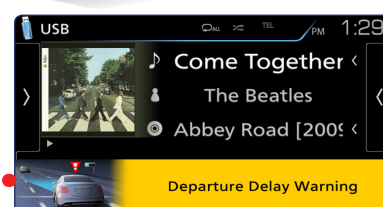
Estimating the distance to preceding vehicles at over 10 km/h.



3) Departure Delay Warning (DDW)



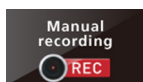
By detecting the Start-up of preceding vehicle.



4 Types of recording mode



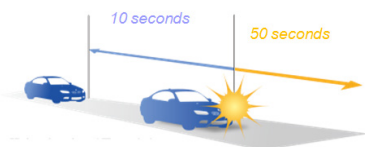
Turn on your headunit and your dash cam will turn on automatically. When the dash cam is turned on, videos are recorded in continuous recording mode



Use manual recording when you want to record specific movie(s) during your journey.



With event recording mode, DRV-N520 starts recording the video automatically by detecting the impact and recorded video just before and after the event. This will be saved and locked as a different folder automatically.

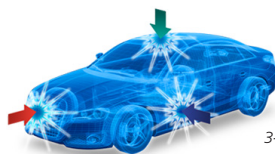


With latest motion detection technology, DRV-N520 can automatically activate and record a video when motion is detected at the front of the parked vehicle.



5 Built-in G-Sensor

When G-Sensor detects sudden motion, DRV-N520 will automatically save and lock event recording to protect it from being deleted / overwritten. Integrated 3-axis sensor records G-force which show the direction and also force of accident impacts.



3-axis G-sensor detects impacts

6 Bright (F2.0) & Wide Viewing Angle Lens

By the adoption of the bright (F2.0) and wide viewing angle (H 117°/V 63°) lens, movie of bright and large field of vision can be recorded.



7 Equiped with HDR technology

Thanks to HDR (High Dynamic Range) technology, DRV-N520 can always record video at the suitable brightness without underexposure (or overexposure) even in dark (or bright) location.



8 Equiped with Scene Select Technology

The exposure of video is always optimized automatically by "Scene Select Technology".

9 Support Super HD Video Recording

DRV-N520 is supporting high resolution video recording in excess of Full HD. It will clearly reproduce the part invisible in Full HD video such as license plate.



10 27 frames/Second Smooth Recording

Recording of 27 frames per 1 second can realize the recording of smooth and natural video.



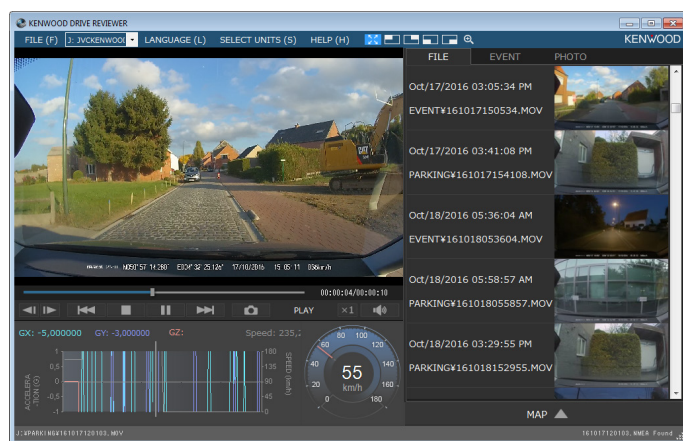
27 frames / second

11 Kenwood Drive Reviewer, PC Application

KENWOOD DRIVE REVIEWER is a tool to view the videos/pictures recorded on the drive recorder via PC.

This PC application (Windows & Mac) is available as download:

--> (http://www.kenwood.com/car/app/kenwood_drive_reviewer/eng/)



Hardware Specifications	
Image sensor	1/3 inch Color CMOS
Number of Pixels	3M Pixels (2304 x 1296)
Lens	F 2.0
Angles of view	Horizontal: 117° Vertical: 63° Diagonal: 128°
Collision sensitivity built-in G-sensor	-4.0G ~ +4.0G (0, 1G step)
Image Specifications	
Maximum recording angle	2304 x 1296
Frame rate	27fps
Recording preservation timing	Full Time / Event / Manual / Parking
Recording time for collision detection	Approx. : 72 sec
Recording time before collision detection	12sec.
Recording time after collision detection	15/30/60sec. (user set)
Recording Mode	1/2/3min.
Video format	H.264 (AVC)
Audio format	Linear PCM
Picture format	JPEG (maximum:2304x1296)
Recording media	microSD card SDHC 8 ~ 32GB Class 6 or higher
General Specifications	
Dimensions main unit (WxHxD)	79mm x 22mm x 48mm
Weight (unit only)	77gr
Operation temp	-10°C ~ +60°C
Operating voltage	12VDC (8.5 ~ 16VDC)
Current Consumption	400 mA
Connection cable length	3,5 meter