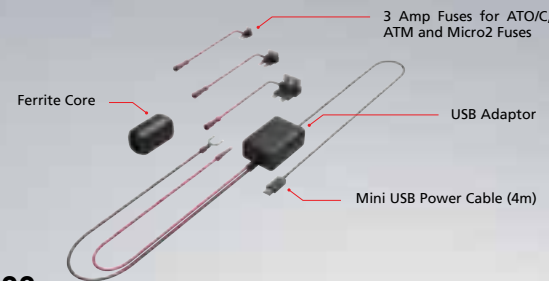


Hardwire Kit for Smart Parking Mode



CA-DR1030 Hardwire Kit for DRV-A601W/A501W/A301W/A201/A100

- The 4m long cable can help you to easily tuck and hide the car power cable into the headliner.
- Supplied with 3 types of Amp Fuses for simple connection of power supply.

- JVCKENWOOD Corporation follows a policy of continuous advancement in technical development. For this reason the information contained in this catalogue, the specifications and designs are subject to change without prior notice.
- Images in this catalogue showing screenshots, etc., are created by inset synthetic processing.
- The ADAS function of DRV-N520 is for providing driving support to drivers and not for preventing accidents. Furthermore, it does not provide notifications of all hazards. Operation is not completely guaranteed even when the device is used correctly as described in the instruction manual. Please note that JVCKENWOOD bears no responsibility whatsoever for any losses incurred as a result.

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JVCKENWOOD EUROPE B.V.

AMSTERDAMSEWEG 37, 1422 AC UITHOORN, THE NETHERLANDS

Europe: www.kenwood.eu
Belgium: www.kenwood.be
Netherlands: www.kenwood.nl

For Support and Technical Information please visit www.kenwood.com/cs/ce
The products introduced in this catalogue may not be available in some regions.
Contact your local KENWOOD dealer for availability.

ADK-CL20-DASHCAM-EN

SPEC COMPARISON CHART

	DRV-A700W	DRV-A601W	DRV-A501W	DRV-A301W	DRV-A201	DRV-A100	KCA-R200	KCA-R100	DRV-N520
Rear Camera Connection	KCA-R100 (Optional)	KCA-R200 (Optional)	KCA-R100 (Optional)	—	—	—	—	—	—
Wireless LAN (Wireless Smartphone Link) **	Built-in	Built-in	Built-in	Built-in	—	—	—	—	—
Screen	—	3.0" Full Color TFT	3.0" Full Color TFT	2.7" Full Color TFT	2.7" Full Color TFT	2.0" Full Color TFT	—	—	Yes (with Compatible Kenwood AV Receivers)
Dash Cam Link	—	—	—	—	—	—	—	—	Yes (with Compatible Kenwood AV Receivers)
Image Sensor	1/2.8 Color CMOS Sensor	1/2.8 Color CMOS Sensor	1/2.8 Color CMOS Sensor	1/2.8 Color CMOS Sensor	1/2.7 Color CMOS Sensor	1/4 Color CMOS Sensor	1/2.8 Color CMOS Sensor	1/2.8 Color CMOS Sensor	1/3 Color CMOS Sensor
Viewing Angle (Diagonal / Horizontal / Vertical)	154° / 114° / 82°	130° / 129° / 72°	126° / 126° / 110°	136° / 115° / 61°	136° / 115° / 61°	125° / 101° / 52°	161° / 129° / 66°	161° / 129° / 66°	128° / 117° / 63°
Lens (F-number)	F1.8	F1.8	F1.6	F1.8	F1.8	F2.4	F2.0	F2.0	F2.0
Recording Resolution	WQHD (2560 x 1440p) *2 3.7M Pixels	4K (3840 x 2160p) *3 8.3M Pixels	WQHD (2560 x 1440p) *2 3.7M Pixels	Full HD (1920 x 1080p) 2M Pixels	Full HD (1920 x 1080p) 2M Pixels	HD (1280 x 720p) 1M Pixels	WQHD (2560 x 1440p) *2 3.7M Pixels	Full HD (1920 x 1080p) 2M Pixels	2304 x 1296p 3M Pixels
Frame Rate	30fps	30fps	30fps	30fps	30fps	30fps	30fps	30fps	27fps
HDR / WDR	HDR	WDR	HDR	HDR	—	—	—	—	HDR
G-sensor / GPS	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / —	—	—	Yes / —
Recording Mode	Continuous / Manual / Event / Parking *4 / Still Image	Continuous / Manual / Event / Parking *4 / Still Image	Continuous / Manual / Event / Parking *4 / Still Image	Continuous / Manual / Event / Parking *4 / Still Image	Continuous / Manual / Event / Parking *4 / Still Image	Continuous / Manual / Event / Parking *4 / Still Image	—	—	Continuous / Manual / Event / Parking / Still Image
Event Recording Time	1 / 3 / 5 min.	1 / 3 / 5 min.	1 / 3 / 5 min.	1 / 3 / 5 min.	1 / 3 / 5 min.	1 / 3 / 5 min.	—	—	Max. 72 sec.
Parking Mode Recording Time	30 sec.	30 sec.	30 sec.	30 sec.	30 sec.	30 sec.	—	—	10 / 20 / 30 sec.
Voice Recording (Mic & Speaker)	Yes (ON / OFF)	Yes (ON / OFF)	Yes (ON / OFF)	Yes (ON / OFF)	Yes (ON / OFF)	Yes (ON / OFF)	—	—	Yes (ON / OFF)
Recording Media	microSDXC/SDHC Card 8GB - 256GB, Class10	microSDXC/SDHC Card 8GB - 256GB, UHS Speed Class (U3)	microSDXC/SDHC Card 8GB - 256GB, Class10	microSDXC/SDHC Card 8GB - 256GB, Class10	microSDXC/SDHC Card 8GB - 128GB, Class10	microSDHC Card 8GB - 32GB, Class10	—	—	microSDHC Card 8GB - 32GB, Class6 or higher
File Format	MOV	MOV	MOV	MP4	MP4	AVI	—	—	MOV
Video / Audio / Picture Format	H.264 / Linear PCM / JPEG	H.264 / Linear PCM / JPEG	H.264 / Linear PCM / JPEG	H.264 / Linear PCM / JPEG	H.264 / Linear PCM / JPEG	MJPEG / Linear PCM / JPEG	—	—	H.264 / Linear PCM / JPEG
Quick Release Magnetic Mount	Yes	Yes	Yes	Yes	Yes	—	—	—	—
Super Capacitor (Backup Battery)	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	—	—	Built-in
PC Viewer Software	Kenwood Video Player	Kenwood Video Player	Kenwood Video Player	Kenwood Video Player	Kenwood Video Player	Kenwood Video Player	—	—	Kenwood Drive Reviewer
Dimensions (W x H x D) (Main Unit)	90 x 61.3 x 39.2mm	106 x 50.5 x 40.5mm	106 x 50.5 x 40.5mm	92 x 46 x 37mm	88 x 51 x 37.5mm	54 x 58 x 37mm	63 x 66 x 36mm	63 x 66 x 36mm	79 x 22 x 48mm
Weight (Main Unit)	98g	102g	102g	82g	78g	46g	334g	334g	77g
microSD Card	Included (16GB)	Included (64GB)	Included (16GB)	Included (16GB)	Included (16GB)	Included (16GB)	—	—	Included (8GB)
Polarizer Filter	Yes	Yes	Yes	—	—	—	—	—	—
Bundled Accessories	Power Cord	Cigar Lighter Adaptor Cable	Cigar Lighter Adaptor Cable	Cigar Lighter Adaptor Cable	Cigar Lighter Adaptor Cable	Cigar Lighter Adaptor Cable	—	—	Hardwire Type
Mount Bracket	Suction-cup	Yes	Yes	Yes	Yes	Yes	—	—	—
	Adhesive Mount	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

*1: The smartphone app "KENWOOD DASH CAM MANAGER" (DRV-A700W/A601W/A501W/A301W) needs to be installed from App Store (iOS) or Google Play (Android) on your mobile device.

*2: When connected with the rear camera KCA-R100 to the DRV-A700W or DRV-A501W, recording resolution is Full HD (1920 x 1080p) for both front and rear.

*3: When connected with the rear camera KCA-R200 to the DRV-A601W, recording resolution is Wide Quad HD (2560 x 1440p) for both front and rear.

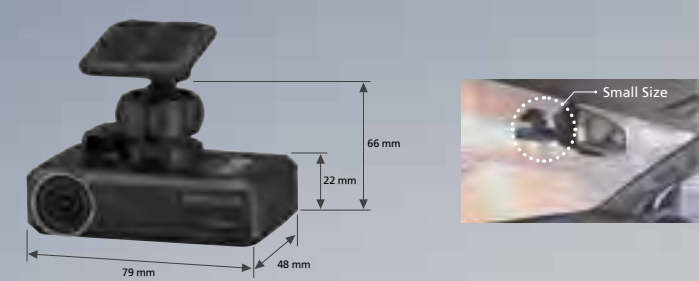
*4: To enable the Parking Mode recording, the optional hardwire kit needs to be connected to the permanent power. The hardwire kit CA-DR1030 (for DRV-A601W/A501W/A301W/A201/A100) is separately sold.

Recording Times

	DRV-A700W	DRV-A601W	DRV-A501W	DRV-A301W	DRV-A201	DRV-A100	DRV-N520
Recording Quality (at Default Settings)	WQHD (2560 x 1440p)	4K (3840 x 2160p)	WQHD (2560 x 1440p)	Full HD (1920 x 1080p)	Full HD (1920 x 1080p)	HD (1280 x 720p)	Full HD (1920 x 1080p)
4GB	—	—	—	—	—	—	—
8GB	47 min.	18 min.	47 min.	60 min.	60 min.	45 min.	70 min.
16GB	94 min.	36 min.	94 min.	120 min.	120 min.	90 min.	140 min.
32GB	141 min.	72 min.	141 min.	240 min.	240 min.	180 min.	280 min.
64GB	376 min.	144 min.	376 min.	480 min.	480 min.	—	—
128GB	752 min.	290 min.	752 min.	960 min.	960 min.	—	—
256GB	1504 min.	580 min.	1504 min.	1920 min.	—	—	—

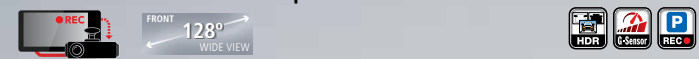
The above recording times are the totals (maximums) for continuous recordings, manual recordings, event recordings and parking recordings. The recording times are estimates. They may become shorter depending on the recording scene.

DASH CAM LINK with Compatible KENWOOD AV Receivers



DRV-N520

Full HD Dash Cam with Simplified ADAS



Accessories: 8GB microSD Card / Power Cord / Mount Bracket

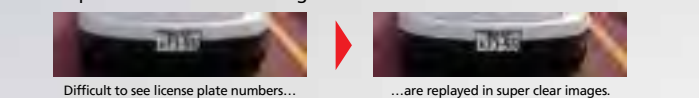
DASH CAM LINK Direct Control from a Large Touchscreen

DRV-N520 connects to compatible KENWOOD AV Receivers, easily enabling recorded videos to be displayed and operated from the receiver's large touchscreen.



3 Megapixel Recording (2304 x 1296p)

DRV-N520 provides higher resolution than Full HD (1920 x 1080p), making it possible to record and replay in even greater detail, including vehicle license plate numbers and road signs.



Wide Viewing Angle

DRV-N520 features a wide-viewing angle lens with a horizontal angle of 117°, vertical angle of 63°, and diagonal angle of 128°. The recording range at the front of the vehicle expands in all directions to ensure nothing escapes the shot.



Simplified ADAS Functionality

Equipped with Simplified ADAS, Advanced Driver Assistance System, the latest accident avoidance sensor technology.

*The ADAS function is for providing driving support to drivers and not for preventing accidents. It does not provide notifications of all hazards.



Smart Parking Mode



When your vehicle is parked and turned off, the Smart Parking Mode becomes active. If your vehicle is subject to a collision or other physical impacts, your dash cam powers on thanks to the built-in G-Sensor and automatically records 30 seconds of video.

KENWOOD

FRONT & REAR RECORDING with Wireless LAN Capabilities



Dash Cam Catalogue 2020

FRONT AND REAR RECORDING WITH WIRELESS LAN CAPABILITIES



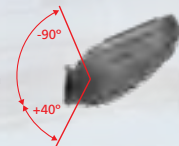
DRV-A700W
Built-in Wireless LAN, WQHD Dash Cam



Accessories: 16GB microSD Card / Polarizer Filter / Hardwire Kit (CA-DR1030) / Mount Bracket

Adjustable Angle (-90° to +40°)

The Adjustable Angle gives you total flexibility and provides a proper view for various angles of the windshield.

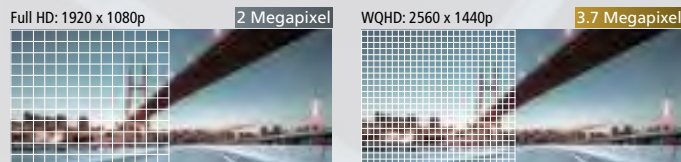


DRV-A700W/A501W, KEY FEATURES

Wide Quad HD Recording — 1.8 times as many pixels as Full HD —

With its 3.7 megapixel CMOS sensor, DRV-A700W/A501W captures Wide Quad HD video at 30fps, 1.8 times as many pixels as Full HD, making super-high resolution recording and replay possible.

*By connecting the optional rear camera (KCA-R100) it is possible to record front and rear directions simultaneously, both in Full HD quality.



KCA-R100
Optional Rear Camera for DRV-A700W/A501W

Accessories: 8m Mini USB Cable

180° Rotational Lens

The 180° Rotational Lens give you total flexibility and provide a proper view for various angles of the rear window.



WIRELESS LAN CAPABILITIES



DRV-A700W DRV-A601W DRV-A501W DRV-A301W

Wireless Smartphone Link (Wireless LAN)

The KENWOOD DASH CAM MANAGER app allows you to easily change the menu settings of your dash cam and browse through recorded videos as well as realtime live view from your smartphone in an intuitive way. By downloading the video / photo files into your smartphone, you can even review them while routing on Google Maps™ with the GPS information such as speed, G-sensor and distance, and edit the videos to share them on social media. Download the app from App Store (iOS) or Google Play (Android™) on your smartphone.



The desktop software "Kenwood Video Player" is available for displaying video recorded with the device. You can also play back, edit and share the videos on your PC. Download the installer from <https://www.kenwood.com/cs/ce/>, and install the software according to the on-screen instructions.

DRV-A700W DRV-A601W DRV-A501W DRV-A301W DRV-A201

Quick Release Magnetic Mount

The patent-designed magnetic mount, unlike the traditional mounts which use a latching mechanism, allows you to place and remove the device simply and instantly. No cable to connect or disconnect from the dash cam.



4K RECORDING



DRV-A601W
Built-in Wireless LAN, 4K Dash Cam with 3.0" Full Color LCD Touch Screen



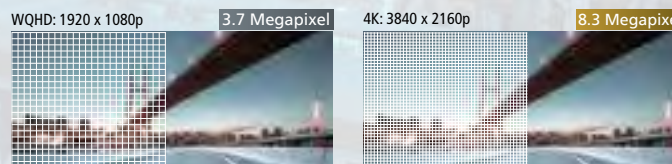
Accessories: 64GB microSD Card / Polarizer Filter / Cigar Lighter Adapter Cable / Mount Bracket

DRV-A601W, KEY FEATURES

4K Recording — 2 times as many pixels as Wide Quad HD —

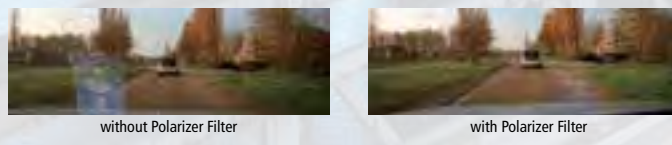
With its 8.3 megapixel CMOS sensor, DRV-A601W captures 4K video at 30fps, more than 2 times as many pixels as Wide Quad HD, making super-high resolution recording and replay possible.

*By connecting the optional rear camera (KCA-R200) it is possible to record front and rear directions simultaneously, both in Wide Quad HD quality.



Polarizer Filter — Reduces Front Windscreen Reflection —

DRV-A700W/A501W include a Polarizer Filter. This reduces such things as dashboard reflection on the windscreen, which may appear in certain positions or due to weather conditions, and helps to lessen glare on sunny days, making it possible to record clear outside images.



KCA-R200
Optional Rear Camera for DRV-A601W

Accessories: 8m Mini USB Cable

180° Rotational Lens

The 180° Rotational Lens give you total flexibility and provide a proper view for various angles of the rear window.



FRONT & REAR RECORDING



DRV-A501W
Built-in Wireless LAN, WQHD Dash Cam with 3.0" Full Color LCD Touch Screen



Accessories: 16GB microSD Card / Polarizer Filter / Cigar Lighter Adapter Cable / Mount Bracket

3.0" Full Color LCD Touch Screen

DRV-A501W comes with a screen that perfectly fits its camera, without any loss of resolution. This design allows you to use the playback feature, instantly letting you view the shot you just captured. Play back and confirm the high quality videos from your drive on the large 3.0" full color screen. Thanks to the intuitive GUI including large and legible text, operations can be performed with ease.

DRV-A700W/A601W/A501W, KEY FEATURES

Ultra-Wide Viewing Angle

Both cameras have ultra-wide viewing angles, with KCA-R100 rear camera having a horizontal angle of 129°, vertical angle of 66°, and diagonal angle of 161°, and the front camera (DRV-A700W) have a horizontal angle of 114°, vertical angle of 82°, and diagonal angle of 154°. Using both cameras you can capture information at wide ranges without missing anything.

Front & Rear 2 Camera Recording

Adding the optional rear camera (KCA-R100) to DRV-A501W gives you the visual awareness needed to help avoid rear-end collisions. With two cameras it is possible to record front and rear images simultaneously, covering a wide range in full HD.



F1.6 Lens — Industry-leading brightness —

DRV-A700W/A501W feature the F1.6 Lens, which boasts industry-leading brightness. You can record clear images even when driving at night or in tunnels.

BUILT-IN WIRELESS LAN



DRV-A301W
Built-in Wireless LAN, Full HD Dash Cam with 2.7" Full Color LCD Screen



Accessories: 16GB microSD Card / Cigar Lighter Adapter Cable / Mount Bracket

Wireless Smartphone Link (Wireless LAN)

The KENWOOD DASH CAM MANAGER app allows you to easily change the menu settings of your dash cam and browse through your videos from your smartphone in an intuitive way. On your smartphone you can check recorded videos as well as realtime live view. By downloading the video / photo files into your smartphone, you can even review them while routing on Google Maps with the GPS information such as speed, G-sensor and distance, and edit the videos to share them in social media. Download the app from App Store (iOS) or Google Play (Android) on your smartphone.

FULL HD RECORDING



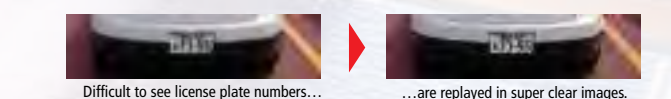
DRV-A201
Full HD Dash Cam with 2.7" Full Color LCD Screen

Accessories: 16GB microSD Card / Cigar Lighter Adapter Cable / Mount Bracket

DRV-A301W/A201, KEY FEATURES

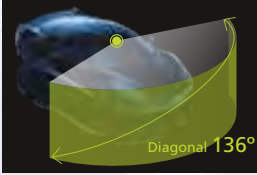
2 Megapixel Full HD Recording

DRV-A301W/A201 captures Full HD video at 30fps, making it possible to record and replay in even greater detail, including vehicle license plate numbers and road signs.



Wide Viewing Angle

DRV-A301W/A201 features a wide-viewing angle lens with a horizontal angle of 115°, vertical angle of 61°, and diagonal angle of 136°. The recording range at the front of the vehicle expands in all directions to ensure nothing escapes the shot.



COMPACT SIZE Keeps the Driver's View Unobstructed

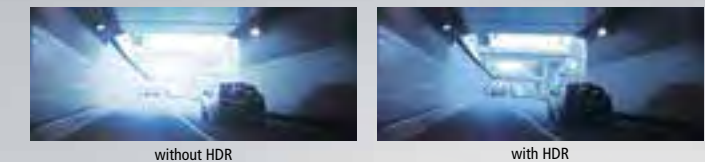


DRV-A100
HD Dash Cam with 2.0" Full Color LCD Screen

Accessories: 16GB microSD Card / Cigar Lighter Adapter Cable / Mount Bracket

COMMON ADVANCED FEATURES

HDR (High Dynamic Range)
— Reducing "Blown out Highlights" and "Crushed Blacks" —
HDR helps to reduce "blown out highlights" and "crushed blacks" and ensure clear images in challenging environments, including backlit scenes in daylight, streetlight scenes at night and places where light-dark contrast is particularly severe, such as at tunnel entrances/exits.



3-axis G Sensor & GPS Receiver
The built-in 3-axis G Sensor with adjustable sensitivity detects an outside force, forcing the device to save what has just been recorded. In addition, the GPS Receiver allows your videos to add location and speed data.

*DRV-A100 does not include a built-in GPS Receiver.

Smart Parking Mode
When your vehicle is parked and turned off, the Smart Parking Mode becomes active. If your vehicle is subject to a collision or other physical impacts, your dash cam powers on thanks to the built-in G-Sensor and automatically records 30 seconds of video. The hardware kit CA-DR1030 (optional accessory) is required for permanent power.

Super Capacitor (Backup Battery)
This prevents the video file being recorded from being corrupted if power is lost due to a collision or other physical impacts, as it provides enough power to allow the file to save properly.

2 Ways to Mount
A suction-cup and an adhesive mount are included in the package. The suction mount makes it easier to attach and detach from the windshield while the adhesive mount provides more solid support for the camera.

