



HARMAN SMART/AUTO: CONNECTED AUTOMOTIVE DASHCAM

A companion and an eye-witness to your drive

Having a video recording of important events that happen while on the road or in a vehicle can save consumers from expensive disputes. A high-quality video capturing driving footage is of paramount importance so that if something unexpected happens, the consumers has evidence at their fingertips. A dashcam for a car is a small digital video camera that mounts to the dashboard and records the incidents during the journey to address this need.

Introducing HARMAN Smart/Auto: Connected Automotive Dashcam

The HARMAN Smart/Auto: Connected Automotive Dashcam is a useful connected vehicle accessory. Connectivity is provided to the Dashcam through HARMAN SmartAuto (an OBD-II dongle) via Wi-Fi. The Connected Automotive Dashcam supports onboard camera for both the front view as well as the driver view and enables remote vehicle surveillance features. Simply plug in and drive with confidence that HARMAN Dashcam is continually recording and automatically saving footage if an incident occurs. It offers voice control, contextual alerts and more.

HARMAN Smart/Auto: Connected Automotive Dashcam records data and stores it for a period of time. It offers storage support of up to 128 GB of data and video can also be stored in the cloud as well. It comes with a Global Positioning System (GPS) and Gravity-sensor (G-sensor) support so that the vehicle can sense a crash and preserve the footage taken just before the accident. G-sensors measure the movement of a vehicle through three axes. This information not only helps visualize the series of events in the case of an incident, but can also trigger the cameras to respond appropriately. The cameras will detect significant movement and automatically lock the video file being produced at the time of impact, ensuring that any significant footage is safe.

Select models that are Auto-grade also support mobile app display to control/setup device, radar-based parking mode and ultra-low power consumption while complying to Automotive EMI/EMC standards.

Top-line Benefits

- First-hand evidence of a vehicle accident
- Instant impact alert/notification on home devices supporting Alexa such as Amazon Echo or HARMAN Allure
- Easy to report the bad behavior of undisciplined drivers
- Offers relief to driving instructors and worried parents who lend their cars to others
- Prevents serious legal, financial and insurance frauds
- Records your entire road trip and stores it for years
- Prevents parking accidents and break-ins to your vehicle

Product specifications

- High quality video with low-light support
- Forward + Driver facing camera
- 2-Channel video 24h (day and night) system
- Dual Mic, Built-in (JBL) Speaker
- In-car Voice control functions
- Supports motion detection
- Supports steering wheel control
- GPS and G-sensor support
- Locks video on impact
- Supports Wi-Fi 802.11 b/g/n and BT 4.0
- Connects to HARMAN Smart/Auto: Telematics Application Gateway Device for Wi-Fi network
- Video streaming to Smartphone App
- Storage support up to 128 GB SD Card
- Video store on the cloud
- Driving/Event/Parking/Manual recording
- Integrated Display to control/setup device
- Support FCW, LDW, Traffic Light alerts etc.

Available in 2 models:

1. CAD 500F (Forward facing camera)
2. CAD 500D (Dual facing camera)

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Features and Benefits

High definition, high speed recording	Has high definition and high speed recording which allows the owner to capture finer details such as license plate numbers and more - which can be used to prove someone's innocence in the case of an incident.
GPS and G-sensor support	<ul style="list-style-type: none">• By incorporating GPS, HARMAN Smart/Auto: Connected Automotive Dashcam measures the exact location of the vehicle and driving speed. This information, when combined with the video captured, can portray a more complete picture of the events leading up to any incident.• G-sensors helps cameras detects significant movement (in and around the vehicle) and automatically locks the video file being produced at the time of impact so that any significant footage is safe.
Parking Protection	<ul style="list-style-type: none">• Protects the vehicle while the owner is away by discouraging other drivers from bumping the vehicle and fleeing the scene. It also protects the vehicle from any break-ins.• Provides instant impact alert/notification on home devices supporting Alexa such as Amazon Echo or HARMAN Allure.• The device automatically engages parking mode when it detects that the ignition has been turned off and the vehicle has been stationary for a predetermined time period.
Supports motion detection	The camera uses a motion detection function and only records the video when it detects movement. Also, if the camera detects that the car has moved, either from a collision, or by someone tampering with it, it will again record a video to capture as much evidence as possible.
Driving/Event/Parking/Manual recording	The device also records other incidents such as driving or a road accident where the vehicle is not necessarily involved, parking or any other scenarios that the user would like to record.
Video streaming to Smartphone App	The device uses an Android or iOS smartphone app that allows you to tap into the road footage in real time, so you can stream at any time and from anywhere.
Integrated Display to control/setup device	Integrated 2.7" LCD display to control the device or setup the device configuration
In-car Voice control functions	Can command the device to show different views (front or rear view), save the recently recorded footage, take a snapshot of the road ahead and more
Alerts and warnings	Supports forward-collision and lane-departure warnings to help keep the driver safer on the road. It also warns the driver about the red lights and speed detecting cameras to prevent traffic violations that add extra points to a drivers record.

Partner with an industry expert

HARMAN International is a wholly-owned subsidiary of Samsung Electronics Co., Ltd. focused on connected technologies for automotive, consumer and enterprise markets.

HARMAN (harman.com) designs and engineers connected products and solutions for automakers, consumers, and enterprises worldwide, including connected car systems, audio and visual products, enterprise automation solutions; and services supporting the Internet of Things. With leading brands including AKG®, Harman Kardon®, Infinity®, JBL®, Lexicon®, Mark Levinson® and Revel®, HARMAN is admired by audiophiles, musicians and the entertainment venues where they perform around the world. More than 50 million automobiles on the road today are equipped with HARMAN audio and connected car systems. Our software services power billions of mobile devices and systems that are connected, integrated and secure across all platforms, from work and home to car and mobile. HARMAN has a workforce of approximately 30,000 people across the Americas, Europe, and Asia. In 2017, HARMAN became a wholly-owned subsidiary of Samsung Electronics Co., Ltd.



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