

Auto Capsule

User's Guide ver. 0.11EN

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- + All rights to this program are reserved by COWON SYSTEMS Inc. and protected under copyright law.
- + This manual is based on the specifications of the product available at the point of publishing it. Note that the sample sentences, charts, pictures given as an example, detailed functions of a product, specifications of H/W and S/W recorded in this manual are subject to change without notice.

Precautions

1. Recording may fail depending on the given situation. The videos recorded with this product can only be used as a reference to examining the driving image.
2. This manual is based on the product available at the point of publishing it. It thus may contain errors or omissions in its technical editing.

Be for you Start!

+ Registration and Notes

To register, go to COWON's homepage at www.COWONGLOBAL.com and choose [SIGN IN].

PC viewer software is available for download only for registered users.

(Go to www.COWONGLOBAL.com to download.)

Be sure to bring the product warranty when requesting for customer service. (Product warranty is issued when purchasing the product and cannot be re-issued. Please make sure to keep it in a safe place.)

- + Before using the product, read the authorization code on the product warranty or on the side of the product and register it in the homepage first.
- + Only the registered users are eligible for legitimate customer support and service .
(Users who haven't registered the product must bring the product warranty with the date of purchase on.)

This product is a device for recording the driving image of a car.

Recording may fail depending on the given situation. The videos recorded with this product can only be used as a reference to examining the driving image.

- + Always back-up any important video files.
- + Company shall not be held accountable for any data loss, poor recording or recording error.

Be for you Start!

+ Product Overview

HD-quality video recording

+ 2 mega-pixel CMOS image sensor is used to record a video in 720p HD (1280x720 pixels)/ 30 fps/ 16:9 wide.

Wider recording angle

+ Diagonal angles of up to 150° is available for wider viewability.

Built-in microphone for high-quality audio

+ Audio is recorded alongside the video.

Multiple recording menus

+ Real time recording, impact event recording, manual recording, motion sensitive recording (parking mode recording), and more recording modes are available.

Built-in 3-axis acceleration sensor

+ It detects the external impact via the 3-axis acceleration sensor for auto recording.

Built-in backup battery

+ Your last recording file is safely saved thanks to a built-in battery even for unexpected power outage.

Be for you Start!

+ Product Overview

Built-in RTC

+Recording files are created by precise date and time through the built-in RTC.

Video-out

+ A video-out terminal for checking the video being recorded is included.

Multiple indicators for smooth operation

+ Convenient and accurate operation is up for grabs through LED indicators, sound effects, and voice message.

Options for diverse settings via PC viewer software

+ Set your preferences such as voice recording and outputs, dimensions for the angle of view, memory usage ratio, and time settings through PC viewer software.

Be for you Start!

+ Safety Precautions

This section regards precautions to prevent users from compromising safety or experiencing property damage. Please read the followings carefully before use. (Company has nothing whatever to do with any accident caused by a user who failed to conform to warning and precautions.)

- + Changing the installation location of the product may result in a change in the camera angle.
Adjust the camera angle after installing the product and test the recorded images.
 - Normal recording cannot be guaranteed if the product is wrongly installed.
- + This product is a device that uses a camera to record video as you drive, therefore, the quality of the recorded videos may deteriorate when taken at the point of entering a tunnel, on a broad day when the shadow contrast and counterlight to the subject are severe, and in the middle of night with no light.
- + Avoid excessive car window tinting. It deteriorates the recording quality.
 - The white balance of the video may vary depending on the degree of tinting.
- + In the event a product is damaged or disconnected from power due to a critical and impactful accident, the product may not work and fail to record the accident.
- + Do not disassemble or alter the product at your discretion.
 - It may cause electric shock, product damage or loss of recorded data.
 - For mechanical inspection, maintenance, and repair needs, contact the store you bought the product or the official customer center.
- + Always keep the front window clean and free from dust before recording to guarantee the most optimal recording quality.

Be for you Start!

+ Safety Precautions

- + Foreign matters (e.g. fingerprints) on the lens of the black box may adversely affect the recorded videos. Always keep the lens clean and free from dusts.
- + Avoid inserting or letting in metals or inflammables into the MicroSD card slot.
 - It may cause a fire or electric shock.
- + If water is spilled or foreign matters are seeped into the product, disconnect the power immediately and contact the customer center.
- + Refrain from operating the product while driving.
 - It may cause a car accident.
- + Do not use voltage other than the rated voltage specified by the product.
 - It may cause an explosion, fire or mechanical failure.
- + Do not use the product in a place where there is inflammable or explosive gas.
 - Otherwise, ignition or explosion may ensue.
- + Keep the product away from the reach of babies, children, or pets.
 - They may swallow small parts in the product.
 - Your pet may drool over the product, which may cause short circuit in the battery unit, resulting in an explosion.
- + Avoid high temperatures such as inside the closed car under hot weather or a place with direct sunlight.
 - It may adversely affect the exterior or internal parts of the product, causing a fire.

Be for you Start!

+ Safety Precautions

- + Use caution not to apply too much strength to the lens and the exterior of the black box, or a mechanical failure may ensue.
- + Install the product in an area that doesn't disrupt a driver's visibility.
 - Otherwise, it may cause an accident.
- + If you use the product for a long time, it heats up inside. So use caution not to get burned by accidentally touching it.
 - Avoid touching the metal area when removing the MicroSD card after using the product for long hours.
- + Do not cover the black box with a cloth or other types of covers.
 - It may contain the heat inside the product, resulting in an exterior deformation or a fire.
- + Do not spray water or wax directly to the product when cleaning the inside of a car.
 - It may cause mechanical failure or electric shock.
- + Always use the genuine products and parts from COWON SYSTEMS Inc.
 - COWON SYSTEMS Inc. shall not be held accountable whatsoever for failures or accidents caused by using the product and parts from other sources.
- + Do not wipe the product with chemical substances or detergent.
 - Wipe the product gently with a soft cloth.

Be for you Start!

+ Safety Precautions

- + If you don't intend to use the product for a long while, unplug the power cable of the product.
 - Otherwise, it may cause electric discharge of a car battery or a fire.
 - A user shall be held accountable for the product damage or car breakdown.
- + Do not use wet hands when plugging/unplugging the cigar jack cable.
 - It may cause an electric shock.
- + Do not remove the MicroSD card when the product is in use.
 - It may cause mechanical malfunction.
- + Plug in the power cord completely with no looseness.
 - Otherwise, it may cause a fire.
- + Do not use the damaged cigar jack cable.
 - It may cause a fire or an electric shock.
- + To reset the product, shut down the power supply and reconnect it after a certain while, or remove the MicroSD card after turning off the product and insert it back again.

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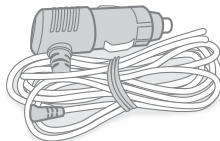
+ Package Components



Auto Capsule AW1



Product holder



Cigar jack



MicroSD card



MicroSD card
reader



Video-out
cable



Quick guide



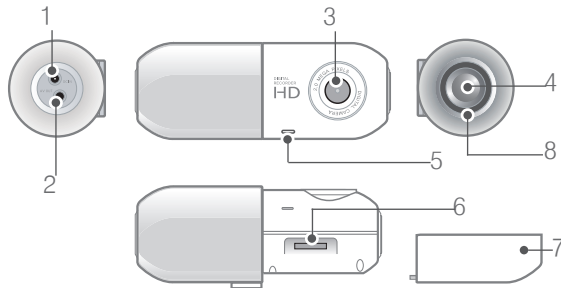
2 pieces of double-
coated tape

- Note that the included items may vary according to the product specifications and may look different from the images provided in the manual.

- To view the recorded image through the GPS screen in real-time, connect the "video-out cable" with the video-in port of the GPS.

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+ Name of Part and Functions



No.	Name	Description	No.	Name	Description
1	Cigar jack	It supplies the power to the main device.	5	Microphone	It is a microphone for recording voice.
2	AV OUT	It is a port for transmitting the video being recorded to an external device connected.	6	MicroSD card slot	It is a slot for inserting the MicroSD card.
3	Recording lens	It records the front direction of a vehicle.	7	MicroSD card Protective lid	Use it to insert or remove the MicroSD.
4	Buttons	It is a button for manual recording.	8	Indicator lamp	It displays the operation status of the product.

Additional

+ Product Specification

Category	Specification	Remark
Image Sensor	2-mega pixels Full HD 1/2.7" Large Image sensor	
Resolution	Max 1920x1080P, 30fps	
Recording Angle	D=140° / H=102° / V=72°	
Video Encoding	H,264 (MPEG-4 AVC)	NTSC, PAL
Video output	CVBS (Composite)	
Recording Modes	Driving Recording, Parked Recording ¹⁾	
Recording Method	Normal, Event(Shock, Manual), Motion ¹⁾	
File Format	NOR(Normal), EVT(Event), MOT(Motion) ¹⁾	
Software	Smart Manager (Android & iOS supported)	Playing file, Live View, Settings after downloading recorded files
	PC Manager (Windows PC supported)	Playing files, , Screen Capture, Settings, Map Marking ²⁾
Operating Temperature	-20°C ~ 50°C	
Rated Voltage	DC 12V ~ 24V	
Etc.	Wi-Fi, G-Sensor, Microphone, Speaker, LED	

¹⁾ Parked Recording and Motion Detect are available when connected by the uninterruptible power equipment.

²⁾ Available recorded files by external GPS.

FCC Compliance Information

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions:

- (1) the device may not cause interference, and
- (2) the device must accept any interference, including interference that may cause undesired operation of this device.

IMPORTANT NOTE:

FCC RF Radiation Exposure Statement:

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

NOTE: THE GRANTEE IS NOT RESPONSIBLE FOR ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

DIGITAL PRIDE.

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