



One-stop IoT solution provider

AT-M502

AI Dual Dash Cam for light vehicles

4G/LTE CAT4/CAT1/GPS/WIFI/BT/DMS & ADAS



2CH AHD1080P HD video



Support DMS



Support ADAS



Support power failure protection



Large storage(1*TF card, max 512GB)



Support remote controll for configuration



Build-in MIC&SPK



Built in WIFI



Expand 3 IO detection (optional) -camera

-20℃ ~ +75℃
(-4°F ~ 167°F)



185g
(6.53 OZ)



80mm*45mm*30mm
(3.15in*1.77in*1.2in)



CE

AT-M502

Feature

2CH AHD720/1080P HD video input.
Power failure protection
Large storage(1*TF card, max 512GB)
Build-in MIC &S PK, Support VoIP intercom
WIFI built in, support 802.11 b/g/n
Support ADAS(front)+DMS (backward,optional).
Expand the serial port (optional)
Expand 3 IO detection (optional)

Core Technology

DMS part(optional)	Support driver fatigue driving alarm (closed eye fatigue, yawning fatigue). Support detect driver calling with phone. Support detect driver not in the driving position. Support detect driver smoking. Support device occlusion reminder. Alert picture size around 60-100KB, alert video about 900KB.
ADAS part(optional)	Support the collision warning of the front vehicle, and warn the driver when the collision time of the front vehicle is less than 2.7s. Supports detect too close car distance, When the car is approaching the set car distance (calculated in seconds), will send out a danger alarm. Support lane departure alarm, and warn the driver when the vehicle deviates from lane line unconsciously. Pedestrian collision warning. Alert picture size around 60-100KB, alert video about 900KB.

General Specifications

Working voltage	12 ~ 36 V/DC	
Temperature characteristic	Operating temperature -25°C ~ +75°C	
Humidity	10% ~ 95%, with no condensation	
Outline dimension	80×45×30mm (L x W x H)	
Storage	External storage	1*TF, Max 512GB
	Internal storage	Standard support 8GB, can be customized with 64G, 128G, 256G
System	Operation	Linux
	Control Method	Remote Controller/Platform
	Upgrade	TF card/Remote Platform
Video	Input	2*AHD1080P/720P
	Output	1*CVBS
	Video Compression	H.264/H.265
Audio	Input	1CH
	Output	1CH
	Audio Compression	G.711A

FCC warning statements:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The device has been evaluated to meet general RF exposure requirement This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.