

C185



DR03 – 3 CH AI | Versatile Modular Dashcam

KEY FEATURES

- 3-Channel Videos
- ADAS & DMS (Built-in)
- 4G CAT.4
- GNSS: GPS/ GA ILEO/ BeiDou/ G ONASS
- LoRa (optional)
- Configurator and FOTA WEB



INTRODUCTION



Insurance
Telematic



Fleet
Management



Transportation
Industry

C185 integrates vehicle video surveillance, driving recorder, ADAS advanced driving assistance system, and DMS driver status analysis system. It has built-in AI high-performance processing chip, high-definition video recording, storage, and playback. Combined with 4G wireless transmission technology and positioning technology, it can realize video recording, real-time uploading of vehicle driving record information, driving behavior analysis, and alarm evidence uploading. Remote monitoring and remote real-time analysis and processing are realized through the control center.



4G
Network



Support
ADAS



Support
DMS



Speed
Alarm



Collision
Alarm



Movement
Trajectory Query



Data Analysis
And Processing



Electronic
Fence

SPECIFICATIONS

System

Operating System	Linux
AI Computing Power	1.0 TOPS NPU
Intelligent Algorithms	ADAS/ DMS
Alarm Language	English (Support Customization)

Audio & Video

Multi-Channel Recording	3 Channels @ 2*1080p + 1*1080p/ 720p
ADAS Camera (Forward view)	1080P 2MP FL 6.0mm FNO 2.0 FOV : D=64° H= 47° V=29°V
DMS Camera (In-cabin view)	11080P 2MP FL 3.0mm FNO 1.8 FOV : D=138° H= 110° V= 59°
Encoding Audio Format	H.264 G.711A

AI

ADAS	AFoward Collision Warning (FCW)
	Pedestrian Collision Warning (PCW)
	Lane Departure Warning (LDW)
	Following Distance Alert
DMS	Speeding Alert
	Harsh Braking Alert Harsh Acceleration Alert
	Harsh Turning Alert
	Collision Warning
DMS	SDistracted Driving Alert
	Drowsiness Alert (Close Eyes & Yawn)
	Cell Phone Use Alert
	Seat Belt Alert
DMS	Camera Obstruction Alert
	Smoking Alert
	Driver Detection Alert

Physical & Interface Specifications

I/O	Input: V+,ACC, SOS,ADC, Left turn/DIN_H1, Right turn/DIN_H2, GND Output:Fuel -
Device Interfaces	SIM Card slot (NANO SIM) Power Connector Type-C debug Port Type-C DMS Camera port 2.5mm Camera(AHD) port TF Card slot *1 (32GB~512GB) Above CLASS 10
Working Temperature	-25 to 75°C
Storage Temperature	-40 to +85°C
Configure	Air Config Tool/Configurator
Measure	139.8 * W 28 * H 41mm
LED	Red:Online Green: Recording
Button*2	VOL/ SOS
Dimensions	L 139.8* W 28* H 41mm
Weight	208g

GNSS&Cellular

Cellular	4G CAT.4
LTE Bands	LTE: B1/ 2/ 3/ 4/ 66/ 5/ 7/ 8/ 20/ 28(28A/28B)/ 38/ 40/ 41
Positioning System	GPS/ GALILEO/ BeiDou/ GLONASS
Tracking Sensitivity	-165dB
Capture Sensitivity	-159dB
Position Accuracy	<2.0m CEP
Hot Start	<6s
Cold start	<11s
LORA	Support LORA (optional)

Electrical Specification&Sensors

Power& Consumption(Mai nunit only,No External Camera)	Input 9-36V DC Standby: 4.7mA@12V Full-load: 390.3mA@12V
Built-in Battery	400mAh 3.2V LiFePO4
Acceleration Sensor	3-Axis G-Sensor
Audio	Built-in microphone and 4Ω / 1.5W speaker

Regulatory Compliance

Certification	CE
Product Name	AI Dashcam
Product Code	C185

Appearance

