Jimi IoT

JC120
4G LTE Cat.1 DashCam

JC120 is a cost-effective 4G dash cam, which uses a 4G Cat.1 module for communication and supports positioning via both GPS and BDS. With the build-in full-color and high definition camera, JC120 can capture and upload clear important videos and send out alerts to notify backoffice managers when a vehicle has collided or encountered other emergencies, so drivers can get help faster and damages can be minimized. Moreover, JC120 can fully meet your need to remotely monitor and manage your private cars, ride-hailing service vehicles, taxis, or government or corporate vehicles.

Dual Mode Positioning
Position vehicles via GPS and BDS and provide location data, vehicle speed, and other data for analysis.

Smooth Communication via 4G
Cover major 4G frequency bands and support 2G frequency bands as well.

Remote Image/Video Capturing
Take images or record videos via the APP or management platform.

Real-Time Video Surveillance
Watch live videos of multiple vehicles simultaneously.

Evidentiary Data to Cloud
Auto upload data related to serious accidents (collision) or improper driving behavior to the cloud.
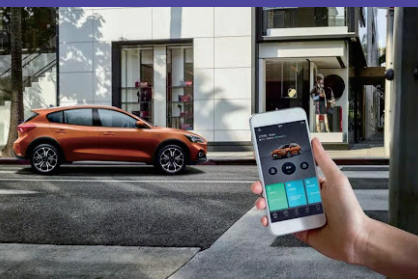
Driving Behavior Analysis (DBA)
Analyze the driving behavior of drivers via AI algorithms and upload alerts in the event of harsh driving, such as sudden braking and cornering.

Compact Size
The small form factor allows discreet installation behind the rearview mirror without blocking the driver's view.

| Online Ride-hailing | Dealership | Private Vehicles |

Specification

Network

Standard	4G LTE Cat.1 bis
Band	FDD LTE: Bands 1, 3, 7, 8, 20, and 28 GSM: Bands 3 and 8
WiFi	2.4GHz (802.11 b/g/n)

Configuration

Positioning Method	GPS/BDS/AGPS/LBS (Built-in antenna)
CPU	UIS8910DM
Memory	8MB+16MB
Operating System	RTOS
Sensor	3-axis
Mic	√
Speaker	√

Camera

Front Camera	History video resolution: 1080P, 25FPS, full-color Live streaming resolution: 480P, 15FPS, full-color Angle of view: D: 130°; H: 110°, V: 60°
Video Coding	H.264+AAC
Image Coding	JPEG, 1080P

Others

Memory Card	TF card (max. 128GB)
SIM Card	Nano
Extension Interface	UART*1 (Extension I/O cable is required)
Indicators	Red (power), Green (GNSS), Blue (cellular)
Keys	Key1: Mute or unmute video (short press)/WiFi on or off (long press) Key2: Video off for now or recover video Key3: Take image and upload Key4: Mute or unmute speaker (short press)/SOS (long press)
Battery	DC 9–30V (Suitable for 12V and 24V vehicles)
Environment Requirement	Operating temperature: –20℃ to +70℃ Storage temperature: –30℃ to +85℃