



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)

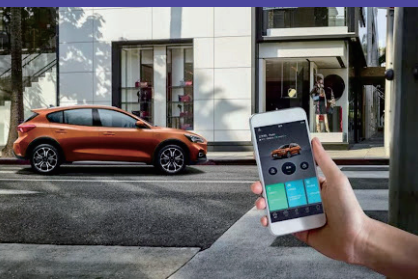
Analyze the driving behavior of drivers via AI algorithms and upload alerts in the event of harsh driving, such as sudden braking and cornering.



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 Field of view: 130° (D), 110° (H), 58° (V) |
| Video Coding | H.264+AAC |
| Image Coding | JPEG, 1080P |

Others

| | |
|-------------------------|---|
| Memory Card | TF card (max, 128GB) |
| SIM Card | Nano |
| Indicators | Red (power), Green (GNSS), Blue (cellular) |
| Keys | Key1: Mute or unmute video (short press) Key2: Video off for now or recover video Key3: Take image 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°C to +70°C Storage temperature: -30°C to +85°C |