



JC181

Dual-Channel DashCam

The JC181 is a compact video telematics device that makes it easy to remotely manage your en-route fleets. It adds visibility to your fleet, along with powerful LTE connectivity and GNSS capability and can record and store video footage and images on the device. You can watch live video, play back historical footage, and retrieve critical evidence when needed, from anywhere, at any time. By integrating video technologies, it helps ensure the authenticity, timeliness and reliability of fleet management, making it an appropriate choice for light vehicles.



Taxi Service



Online Ride-hailing



Auto insurance



Dealership

**Video Surveillance**

Powerful LTE connectivity enables the live monitoring of the vehicle's interior and exterior via an online platform.

**Dual-Channel Recording**

Simultaneously monitor the road ahead and what happens in the cab in real-time through the two on-device lenses with no peripheral camera needed.

**Built-in GPS Logger**

The video recorder can be used as a tracker to locate the vehicle and stamp data such as vehicle speed, coordinates, time, and more on the images or video clips.

**Compact Size**

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

**Vehicle Immobilization**

Enable you to cut off the fuel/power to the vehicle moving under 20km/h using Tracksolid Pro, which is useful if your fleet vehicle has been stolen.

**Panic Button**

The on-device SOS button allows the driver to call dispatch or summon emergency services immediately.

Specifications

Cellular

| | |
|-------------------|-----------------------------------|
| Technology | 4G LTE Cat 1, 2G (GSM) |
| | JC181-LA: |
| | LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B28 |
| | GSM: B2/B3/B5/B8 |
| Frequency | JC181-EU: |
| | LTE-FDD: B1/B3/B5/B7/B8/B20/B28 |
| | LTE-TDD: B38/B40/B41 |
| | GSM: B2/B3/B5/B8 |

GNSS

| | |
|---------------------------|----------------|
| Positioning system | GPS, BDS, AGPS |
|---------------------------|----------------|

Camera

| | |
|----------------------------|---|
| Front camera (main) | 1920x1080/30FPS/F2.2/Full color/110° (HFoV) |
| Sub camera | 640x360/10FPS/F2.8/Color in daytime & mono in dim light/100° (HFoV) |
| Video format | .mp4 |

Power

| | |
|----------------------|----------|
| Input voltage | DC 9-30V |
|----------------------|----------|

Operating environment

| | |
|------------------------------|----------------|
| Operating temperature | -20°C to +70°C |
| Storage temperature | -30°C to +85°C |

Interface

| | |
|------------------------|--|
| LED indication | Red (Power), Blue (Cellular), Green (GNSS) |
| SIM | Nano-SIM |
| External memory | TF card (up to 128GB) |
| USB | Type-C |
| WiFi | 2.4GHz, Support WiFi Direct |
| Bluetooth | N/A |
| Microphone | Support |
| Speaker | Support |
| Digital I/Os | 1*Relay |
| Analog I/Os | N/A |
| Serial ports | N/A |
| Sensor | 3-Axis accelerometer |

Feature

| | |
|------------------------------|-----------------------------|
| ADAS | N/A |
| DMS | N/A |
| Configuration support | GPRS, SMS, Memory card, APP |
| Firmware update | USB Cable, Memory card, OTA |
| Certification | CE, FCC |

Physical specification

| | |
|-------------------|-----------------------|
| Dimensions | 118.0 x 46.5 x 43.5mm |
| Weight | 143g |

Standard Packing

| | |
|--------------------|---|
| JC181 unit | 1 |
| Power cable | 1 |
| Mount base | 1 |
| Screws | 3 |
| Screwdriver | 1 |

Optional Configuration*

| | |
|--------------|------------|
| Relay | 12V or 24V |
|--------------|------------|

*Optional Configuration required to be customized or purchased separately.