**Jimi IoT**

# JC261P
## Integrated Dual-Channel AI DashCam

The JC261P integrated dual-lens dash camera allows you to simultaneously monitor the road ahead and the cabin. A number of safety features are included in the system, including infrared night vision (inward-facing lens), ADAS, exception alerts, and more. Furthermore, the 4G capability of the device enables seamless video streaming, live audio alerts, route replay, and video history playback. With all of these features, fleet managers can coach drivers based on data and improve operations to unlock more benefits, whether they're managing government, logistics, ride-hailing, or taxi fleets.

Taxi Service

Online Ride-hailing
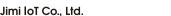
Logistics Service

Hazmat Trucking

### Video Surveillance
Powerful LTE connectivity enables the live monitoring of the vehicle's interior and exterior via an online platform; while the critical video clips in the device allows for on-demand playback after the fact from anywhere, at any time.

### 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.

### Driver Assistance (ADAS)
The ADAS algorithm enables the device to monitor incidents related to following distance, near collisions, lane keeping, etc. and warn the driver in real time.

### Highly-Integrated Design
The high-definition road-facing camera (main) and the angle-adjustable inward-facing camera (sub) are housed in one unit. This saves space and makes it easier to install.

### Panic Button
The discreetly installed in-cab SOS button allows the driver to call dispatch or summon emergency services immediately.

### Fast Integration
We can provide an IoT Hub to facilitate fast and seamless integration to any third-party platform or the intelligent transport system (ITS).

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# Specifications

## Cellular

| | |
|---|---|
| **Technology** | 4G LTE Cat 4, 3G (WCDMA), 2G (GSM) |
| **Frequency** | JC261P: |
| | LTE-FDD: B1/B3/B5/B7/B8/B19/B20 |
| | LTE-TDD: B38/B39/B40/B41 (100M) |
| | WCDMA: B1/B2/B5/B8 |
| | GSM: B2/B3/B5/B8 |
| | JC261P-A: |
| | LTE-FDD: B2/B3/B4/B5/B7/B12/B17 |
| | LTE-TDD: B38/B41 (100M) |
| | WCDMA: B2/B4/B5 |
| | GSM: B2/B5/B8 |

## GNSS

| | |
|---|---|
| **Positioning system** | GPS, BDS |

## Camera

| | |
|---|---|
| **Front camera (main)** | 1920x1080/25FPS/F2.2/Full color/85° (HFoV) |
| **Sub camera** | 1280x720/15FPS/F2.5/Color in daytime & mono in dim light/90° (HFoV) |
| **Video format** | .ts |

## Power

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

## Operating environment

| | |
|---|---|
| **Operating temperature** | –20°C to +65°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 256GB) |
| **USB** | Micro-USB |
| **WiFi** | 2.4GHz, Support AP Mode/STD Mode/WiFi Direct |
| **Bluetooth** | BLE 4.0 |
| **Microphone** | Support |
| **Speaker** | Support |
| **Digital I/Os** | 1*SOS, 1*Relay |
| **Analog I/Os** | N/A |
| **Serial ports** | 1*TTL |
| **Sensor** | 6-Axis accelerometer |

## Feature

| | |
|---|---|
| **ADAS** | FCW, HMW, LDW |
| **DMS** | N/A |
| **Configuration support** | GPRS, SMS, Memory card, APP |
| **Firmware update** | USB Cable, Memory Card, OTA |
| **Certification** | CE, FCC, RoHS |

## Physical specification

| | |
|---|---|
| **Dimensions** | 109.0 x 69.0 x 52.0mm |
| **Weight** | 233g |

# Standard Packing

| | | | |
|---|---|---|---|
| **JC261P unit** | 1 | **Double-sided adhesive** | 1 |
| **Power cable** | 1 | **Screws** | 1 |
| **SOS button** | 1 | **Ejector pin** | 1 |
| **12V Relay** | 1 | **Tamper cover** | 1 |
| **Mount base** | 1 | **Philips screwdriver** | 1 |

# Optional Configuration*

| | |
|---|---|
| **24V Relay** | Instead of 12V relay |
| **OBD power cable** | |
| **TTL-RS232 converter** | Required if you would like to use RS232 peripherals |
| **RS232 sensor** | Fuel sensor, RFID reader, Magnetic card reader, Temperature sensor |
| **Tamper lock** | Protect against unauthorized removal of SIM and TF cards |
| **Bracket** | For medium-duty or heavy-duty trucks based on your specific needs |

*Optional Configuration required to be customized or purchased separately.