



# JC261

## Dual-Channel AI DashCam

The JC261 4G dash camera allows you to add a driver-facing, inward-facing, or backup camera as needed. The on-device camera can monitor the road ahead, while the peripheral camera can monitor the driver, the cabin, or the rear. A number of safety features are included in the system, including DMS, 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

Monitor the road ahead through the integrated lens and what is happening in the cab, in the rear, to the side, or to the driver through a peripheral camera to meet your specific business needs.



### 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.



### Driver Monitoring (DMS) (Optional)

The DMS camera is able to detect fatigue and distracted driving, such as texting while driving, yawning, smoking, or fiddling with the stereo, as well as the exception of the driver not being in position.



### 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).

## Specifications

### Cellular

<b>Technology</b>	4G LTE Cat 4, 3G (WCDMA), 2G (GSM)
	JC261:
<b>Frequency</b>	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
	JC261-A:
	LTE-FDD: B2/B3/B4/B5/B7/B12/B17
	LTE-TDD: B38/B41 (100M)
	WCDMA: B2/B4/B5
	GSM: B2/B5/B8

### GNSS

<b>Positioning system</b>	GPS, BDS
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### Power

<b>Input voltage</b>	DC 9~30V
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### Operating environment

<b>Operating temperature</b>	-20°C to +65°C
<b>Storage temperature</b>	-30°C to +85°C

### Physical specification

<b>Dimensions</b>	109,0 x 69,0 x 52,0mm
<b>Weight</b>	233g

### Interface

<b>LED indication</b>	Red (Power), Blue (Cellular), Green (GNSS)
<b>SIM</b>	Nano-SIM
<b>External memory</b>	TF card (up to 256GB)
<b>USB</b>	Micro USB
<b>WiFi</b>	2.4GHz, Support AP Mode/STA Mode/WiFi Direct
<b>Bluetooth</b>	BLE 4.0
<b>Microphone</b>	Support
<b>Speaker</b>	Support
<b>Digital I/Os</b>	1*SOS, 1*Relay
<b>Analog I/Os</b>	N/A
<b>Serial ports</b>	1*TTL
<b>Sensor</b>	6-Axis accelerometer

### Camera

<b>Front camera (main)</b>	1920x1080/25FPS/F2.2/Full color/85° (HFoV)
<b>Sub camera</b>	Refer to <b>Optional Configuration*</b>
<b>Video format</b>	.ts

### Feature

<b>ADAS</b>	FCW, HMW, LDW
<b>DMS (Optional)</b>	Phone use, Smoking, Distraction, Yawning, Eyes closed, No face detected
<b>Configuration support</b>	GPRS, SMS, Memory card, APP
<b>Firmware update</b>	USB cable, Memory card, OTA
<b>Certification</b>	CE, FCC, RoHS

## Standard Packing

JC261 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	Phillips screwdriver	1

## Optional Configuration\*

<b>Peripheral camera</b>	CI01: 1280x720/15FPS/F2.0/Color in daytime & mono in dim light/100° (HFoV)
	CI03: 1280x720/15FPS/F2.4/Color in daytime & mono in dim light/119° (HFoV)
	CI04: 1280x720/15FPS/F2.4/Color in daytime & mono in dim light/119° (HFoV)
	CE01: 1280x720/15FPS/F2.0/Full color/IP67/125° (HFoV)
	CE02: 1280x720/15FPS/F2.0/Full color/IP67/111° (HFoV)
<b>24V Relay</b>	JC170: 1280x720/15FPS/F2.4/Monochrome/56° (HFoV)
	Instead of 12V relay
<b>OBD power cable</b>	
<b>TTL-RS232 converter</b>	Required if you would like to use RS232 peripherals
<b>RS232 sensor</b>	Fuel sensor, RFID reader, Magnetic card reader, Temperature Sensor
<b>Tamper lock</b>	Protect against unauthorized removal of SIM and TF cards
<b>Bracket</b>	For medium-duty or heavy-duty trucks based on your specific needs
<b>Emergency Backup Power Supply</b>	Provides backup power to the DVR

\*Optional Configuration required to be customized or purchased separately.

\* We reserve the right of final interpretation of this leaflet. All information is for reference only and is subject to change without further notice.