

# OKD200

## Integrated Dual-Channel AI DashCam



The OKD200 is an integrated dual-lens AI dash camera that monitors both the road ahead and the vehicle cabin simultaneously. It includes safety features such as infrared night vision for the inward-facing lens, ADAS alerts, and exception alerts to enhance driver safety.

With built-in 4G connectivity, the device supports live video streaming, audio alerts, route replay, and video history playback. These features help fleet managers monitor operations, analyze driving behaviour, and improve safety across government, logistics, ride-hailing, and taxi fleets.



Hazmat Trucking



Logistics Service



Online Ride-hailing



Taxi Service



### 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.



### 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.



### 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.



### Panic Button

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



### 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.



### 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) JC261P:
	LTE-FDD: B1/B3/B5/B7/B8/B19/B20
	LTE-TDD: B38/B39/B40/B41 (100M)
	WCDMA: B1/B2/B5/B8
<b>Frequency</b>	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

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

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

### 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

### 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/STD 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

### Feature

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

### Physical specification

<b>Dimensions</b>	109.0 x 69.0 x 52.0mm
<b>Weight</b>	233g

## Standard Packing

<b>OKD200 unit</b>	1	<b>Double-sided adhesive</b>	1
<b>Power cable</b>	1	<b>Screws</b>	1
<b>SOS button</b>	1	<b>Ejector pin</b>	1
<b>12V Relay</b>	1	<b>Tamper cover</b>	1
<b>Mount base</b>	1	<b>Phillips screwdriver</b>	1

## Optional Configuration\*

<b>24V Relay</b>	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

\*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.