



# JC500

LTE Android Mini MDVR



JC500 is a multi-functional telematics box that uses the 4G network for communication and fixes positions via GPS and BDS. The 1080P road-facing camera and the 720P inward-facing camera take videos simultaneously to gain better visibility to the road and the cabin. It also features multiple interfaces for peripherals to access for function expansion so as to suit different applications and empower various industries, such as logistics, rental, and construction.



## Various Communication Standards

It is able to communicate via 2G/3G/4G, WiFi, and Bluetooth.



## DMS (Optional)

With DMS, the dashcam is able to monitor potentially dangerous behaviors of the driver such as drowsiness, smoking, and distraction and alert the driver.



## Real-Time Tracking

The video recorder can be used as a tracker to locate the vehicle and collect and upload data such as speed and time in real-time.



## Driving Behavior Analysis (DBA)

The dashcam can detect the driver's dangerous driving practices such as harsh acceleration, harsh braking, etc.



## Event Video to Cloud

Videos triggered by a collision, vibrating, SOS call, and other exceptions will be auto uploaded to the cloud.



## Multiple I/Os

With two RS232 UART ports, this Android box allows the access of various peripherals such as RFID reader, fuel sensor, temperature sensor, etc., so you can know better.

Logistics Vehicle



Industrial Vehicle



School Bus



# Specification

## Network

WiFi	2.4GHz, 802.11 b/g/n
BT	BLE 4.0
Standard Version	GSM: 850/900/1800/1900 WCDMA: B1/B2/B5/B8 FDD LTE: B1/B2/B3/B4/B5/B7/B8/B20/B28A/B28B TDD LTE: B38/B39/B40/B41 (100M)

## Configuration

CPU	Quad-core 1.4GHz A53
Operating System	Android 8.1 GO
GNSS	GPS+BDS
Sensor	6-axis
Mic	✓
Speaker	✓
Data Interface	Micro USB 2.0
Memory	TF card (Max. 256GB)
SIM Card	Nano
LED	Red (Power), Blue (Cellular), Green (GNSS)

## Camera

Front Camera	1920×1080/25FPS/F2.2/full color/120° viewing angle
Remote Cabin-View Camera	1280×720/25FPS/F2.0/full color in daytime & monochrome in dim light/100° viewing angle
Image Format	H.264

## Others

Battery	External, 600mAh
Power Supply	Power cable: B+/ACC/GND
Operating Temperature	-20°C to +65°C
Operating Voltage	9-30V DC
Certification	FCC/CE/RoHS