

JC500 LTE Android Box



Video telematics solution for heavy vehicles

JC500 is a multi-functional device suitable for heavy vehicle video telematics. It has multiple sockets to support various external devices to achieve more communication expansion capabilities in diverse application scenarios.

Key Features



▶ DMS

The driver monitoring systems is to alert the driver when signs of drowsiness or distraction are detected. Drivers receive an audio warning, while fleet managers receive an alert-which can include a photo capturing the incident.

▶ Driver's Behavior Analysis

Detects each driver's driving behavior by high precise G-sensor algorithm, such as harsh acceleration and braking, sharp turn, and crash.

▶ Multiple I/O

With two RS232 UART, you can connect multiple external terminals, such as : RFID reader, Fuel sensor, Load sensor, temperature sensor.



Logistic Truck



Industrial Vehicle



School Bus

Hardware Specification

Item	Specification	Remark
OS	Android 8.1 GO	
System	ARM Cortex A53	
Network band	LTE/WCDMA/GSM	FDD LTE: B1/B2/B3/B4/B5/B7/B8/B20/B28
DVR	Dual-channel video recording simultaneously	H.264 encoding; Loop-Recording; MP4
Live view	In-car/front-car live video streaming via APP	Web: www.tracksolid.com APP: Tracksolid
Remote video/picture	✓	
Video playback	✓	Playback the history videos pre-stored in SD card
Voice monitoring	✓	
RS232	2xRS232	Open for RFID reader, Fuel sensor, Load sensor, Temperature sensor.
SOS	Panic button	
ACC detection	✓	
ADC	12V/24V	
Remote engine cut-off	✓	
USB data interface	✓	
Cameras	Forward camera	AHD 1080p, 120° viewing angle
	Inward/ Rear camera	HD 720P, 100° viewing angle, cable length maxim 10M, open for Driver's fatigue driving detection.
Wi-Fi	IEEE802.11 b/g/n	
G-Sensor	✓	
Battery	External battery	Li-on battery, 620mAh
GPS antenna	External	
MIC & Speaker	✓	
SD card	Max 128GB	
Working temperature	-20°C ~+70°C	

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