

DRIVERI D-210 Camera

Ideal use-case for this device: Light-Duty and Heavy-Duty vehicles



Driveri® is a smart camera, installed in trucks/cars behind the rear-view mirror. The power is supplied from the car battery through a custom power cable. The device is capable to connect with the OBD/J1939 of the vehicle to collect the vehicle data. This device is passive to the driver.

When the vehicle is being driven, the road facing camera is enabled by default. The camera records and generates real time safety alerts to assist the driver. The camera facing the driver/passenger is optional due to privacy requirements and enabled at customers' request.

The recorded videos are processed (using our patented machine learning algorithms) on the device together with the other sensor data and can detect any events related to driving behavior and driver behavior. When an event is detected, an alert together with the supporting processed data is uploaded to the cloud dashboard where the events and related data can be accessed by the fleet manager. The device has 1 button on the bottom side of the device, when pressed creates alerts which are user generated. 2 LEDs on driver facing side indicate the current operational state of device & also indicate privacy setting (driver facing camera recording status).

Key Features

- Octacore CPU + GPU / DSP for Edge computing
- Auto-grade ISP with 85+ dB of HDR performance and Full HD imaging
- Full HD Inward /driver facing camera with IR LED for night vision
- Connectivity - LTE / WiFi / BT
- 2 LED indicators to represent device state
- Integrated Mic & Speaker for alerts
- 2GB RAM + 64GB ROM
- Inertial sensors (Accelerometer & Gyro), Thermal sensor

📞 866-477-4321

🌐 gpsinsight.com

DRIVERI Specifications

PROCESSOR & GPU

CPU	64-bit ARM® Octo Core
Video Encoding - H.265	1080p
Video Format	HD Videos for limited time (customizable), Low Resolution videos for long- term storage
Sensors	IMU - Accelerometer + Gyro + Compass, Temperature, Ambient Light

RAM STORAGE

Storage	64GB
----------------	------

ELECTRICAL

Input Voltage	7 to 17V
Input Current (Full)	12V / 2A
Max Power Consumption	24W
Signals Input - High Voltage	+17V
Signals Input Low Voltage	0v

PHYSICAL

Dimensions	4.96 X 2.79 X 2.55 inches 125.9 X 70.9 X 64.8 mm
Color	Black
Case Material	Polycarbonate (PC)
Power Cable Length	3 meters
Power Cable Thickness	4.5 mm

CAMERA & FIELD OF VIEW

Outward Camera	74° (Horizontal), 57° (Vertical), 90° (Diagonal)
Inward Camera	148° (Horizontal), 80° (Vertical), 168° (Diagonal)

WIRELESS CONNECTIVITY & I/O

Supported Bands	LTE- 4G Cat3 B2/B4/B5/B12/B17/B25/B26
Wi-Fi	802.11 ac
Bluetooth	v4.0
GPS Receiver Antenna	True GPS Antenna
Connectors	USB (with OTG support), Power Jack, microSD