

ORBCOMM®

WHERE DATA DRIVES DECISIONS



FM 6510

Protected at every mile.

Keep your drivers and fleet reputation safe with our smart dashcam. The FM 6510 uses video footage and telematics data to help light commercial vehicle fleets improve their safety, visibility and efficiency on the road.

Detect unsafe driving behavior including speeding, distracted driving, drowsy driving, hard braking and more using video footage and telematics data.

Voice coaching enables fleets to quickly react to unsafe driving behavior, promoting fleet safety and preventing rising insurance and liability costs. Plus, telematics data and video footage can be used to build a rewards program to encourage safe driving behavior.

Customizable alerts allow fleets to see when incidents occur and react accordingly. With driver-specific reporting, fleets can identify coaching opportunities and highlight top drivers, boosting fleet safety.

Reconstruct incidents—including time and date, location, driver awareness and the event's traffic and weather conditions—using telematics data and video footage to resolve insurance claims and educate drivers. Use location data and geofencing to improve customer service, optimize operations and expose unauthorized usage of service vehicles.

Datasheet

Clear HD video and night vision

Identifies unsafe driving behavior using AI and video

Reports engine fault codes to enable preventive maintenance

Fast install

Flexible pricing options

Automatically uploads video upon event or on demand

User-friendly platform

Specifications

Camera

- Video capture: 720p at 30fps (default)
- Driver-facing camera
(with infrared capability) field of view ($\pm 5\%$):
 - ▶ Diagonal: 142°
 - ▶ Horizontal: 116°
 - ▶ Vertical: 60°
- Road-facing camera field of view ($\pm 5\%$):
 - ▶ Diagonal: 142°
 - ▶ Horizontal: 116°
 - ▶ Vertical: 60°
- Onboard recording duration:
 - ▶ At least 20 hours (with default settings)

Communications

- LTE
- Wi-Fi—IEEE 802.11 g/n/ac (2.4GHz and 5GHz)
- NFC (for driver ID card)

Position and orientation

- GPS
- 3-axis accelerometer
- 3-axis gyro

Certifications

- CE/CB, FCC/IC, RCM, BQB, ROHS, WEEE

Driver/vehicle interface

- Speaker
- Record button
- Indicator light
- OBD II (via optional 2.8m cable—12V power only)
- Power input range: 12V–32V DC

Environmental

- Operating temperature:
 - ▶ -4° to +140°F
 - ▶ -20° to +60°C
- Storage temperature
 - ▶ -22° to +185°F
 - ▶ -30° to +85°C
- Ingress protection: IP41

Physical

- Dimensions:
 - ▶ 4.83 x 4.17 x 1.74 in
 - ▶ 122.8 x 106 x 44.2mm
- Weight:
 - ▶ 5.6oz
 - ▶ 158g
- Mounting: via windshield-attached bracket

Although we strive to ensure accuracy in all of our published specifications, actual field performance can vary depending on a variety of environmental, installation and usage factors, as well as third-party factors such as cellular providers. The specifications listed are approximations, and do not constitute binding statements or modify the terms and conditions of purchase or lease including, but not limited to, product operational limitations and warranties. All specifications are subject to change without notice. Please check www.orbcomm.com to ensure you have the latest version of these specifications.

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