

Orbit D220

2K Quad HD AI Front and Rear Dash Cam



Introducing the GekoGear Orbit D220: the next generation of dashcam technology designed for modern drivers who prioritize advanced safety and convenience. Equipped with cutting-edge OrbitVision™ AI technology, the Orbit D220 enhances road safety by featuring Front Collision Warning, Pedestrian Collision Warning, Lane Departure Warning and more.

Eyes on the Road

The Orbit D220's dual dashcams seamlessly monitor the road ahead and behind, capturing every moment in pristine Quad HD (2k) quality for the front and 1080P for the rear. Featuring emergency clip locking, loop recording, and time-lapse recording, it gives you enhanced road security for every journey.

Advanced Driver Assist Technology

The Orbit D220 raises the bar for vehicle safety with GekoGear's OrbitVision™, an essential suite of driver-assist technologies. Front Collision Warning (FCW) alerts you to potential collisions, while Pedestrian Collision Warning (PCW) detects nearby pedestrians. The Virtual Bumper (VB) ensures safe driving distances, and Lane Departure Warning (LDW) maintains your lane integrity. Additionally, the Stop & Go Reminder notifies you when it's time to move in traffic.

GPS Tracking of Location and Speed

The Orbit D220 offers precise GPS logging, capturing your vehicle's exact location, speed, and travel routes. With its integrated GPS feature, the Orbit D220 not only safeguards your journeys but also creates a detailed travel log accessible via a compatible mobile app.

Connectivity & Convenience

The Orbit D220 enhances convenience with its advanced WiFi 6 direct connectivity, enabling quick and effortless video clip transfers directly to your smartphone.

Built for the Road

The Orbit D220 features a slim, compact design paired with a user-friendly interface and a convenient 3-inch LCD display. It includes a 32GB micro-SD card—expandable up to 128GB. Designed for simple installation and reliable performance, the Orbit D220 delivers comprehensive surveillance for the road.

Specifications:

- Resolution: Front 2K + Rear 1080P
- Front Collision Warning: Supported
- Pedestrian Collision Warning: Supported
- Virtual Bumper: Supported
- Lane Departure Warning: Supported
- Start & Go Reminder: Supported
- Screen: 3" IPS
- G-Sensor: Yes
- View Angle: Front 138°/ Rear 108°
- Loop Recording: Yes
- Frequency: 50/60Hz
- Video File Format: H.264, H.265
- Picture Format: JPG
- Wifi: Supports 2.4G/Wifi 6
- APP: Supported
- GPS: Supported
- Frequency: 50Hz
- Battery: 190mAh
- Storage Memory: 32GB included (supports up to 128GB)
- Mount: Adhesive Mount
- Unit Dimensions: 3.5 x 1.8 x 1.5"
- Unit Weight: 0.10lbs
- Operating Temperature: -10° - +70°
- Power Supply: USB-C 5V/1A

Shipping Information:

Item	UPC Code	Package Dimensions	Package Weight	Qty/Carton
Orbit D220	783750013536	7 x 3 x 5"	0.5 lbs	20



AI Features

Frontal Collision Warning

The Frontal Collision Warning system alerts you when it detects a potential or impending frontal collision by monitoring the speed and distance between your vehicle and the one ahead. If it detects that you're approaching too quickly, it will warn you to help avoid an accident.



Pedestrian Collision Warning

The Pedestrian Collision Warning system alerts you when a pedestrian is detected within 3 meters (about 10 feet) in front of your vehicle while driving. If a pedestrian is in your path, a red warning icon will appear to prompt you to take action. When your car is parked, the system still monitors for pedestrians, but the warning icon will be shown in grey.



Virtual Bumper

The Virtual Bumper caution warning activates when your vehicle gets too close to the car in front of you, specifically when the distance is less than 9 feet (or 3 meters). When this happens, the system will alert you to help prevent a potential collision.



Lane Departure Warning

The Lane Departure Warning System alerts you if your vehicle starts to drift out of its lane without signaling. This feature helps keep you safely within your lane, reducing the risk of accidents caused by unintentional lane changes.



Stop & Go

The Stop & Go function activates when your vehicle is stopped, and the vehicle in front of you moves forward by 6 feet (or 2 meters) or more. When this happens, the system will prompt you to resume driving, helping you stay alert in traffic.

