

## AI DASHCAM • FLEET VIDEO TELEMATICS

# BDCV200

## Essential 2-Channel AI Dashcam

A 4G LTE Cat 6 smart dashcam with all-in-one fleet telematics built in. The BDCV200 runs standalone or pairs with an optional second camera for interior, cargo, or rear-view coverage. Optional ADAS and DMS detection help fleets cut collisions, document incidents, and coach safer driving.



4G LTE Cat 6

1080p HD Video

GPS + ADAS/DMS

Live Streaming

### KEY FEATURES

- ✓ Full HD 1080p front camera with a 140° wide-angle view
- ✓ 4G LTE Cat 6 connectivity with GPS live tracking
- ✓ Expandable 2-channel design — add a driver, cargo, or rear camera
- ✓ Optional ADAS: collision, tailgating, pedestrian & speed alerts
- ✓ Optional DMS: detects phone use, fatigue & distracted driving
- ✓ Automatic incident upload with First Notice of Loss (FNOL) reporting
- ✓ Up to 512GB storage with continuous loop recording
- ✓ Wi-Fi hotspot, Bluetooth 4.2 + BLE, and wired I/O for peripherals
- ✓ OBD-II or hardwired installation, with parking-mode impact detection
- ✓ Battery over-discharge protection safeguards the vehicle battery

### BUILT FOR

Fleet Management

Automobile Insurance

Ride Sharing &amp; Hailing

Vehicle Leasing

## BDCV200 — Full Technical Specifications

### CAMERA & VIDEO

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| <b>Image Sensor</b>          | 2 Megapixel FHD RGB                                        |
| <b>Resolution</b>            | 1920 × 1080P (1080p)                                       |
| <b>Lens / Field of View</b>  | 140° diagonal, 6-glass element, IR-cut filter              |
| <b>Recording Modes</b>       | Continuous loop + event-based pre/post recording           |
| <b>On-Screen Overlay</b>     | Date & time, vehicle speed, GPS coordinates, G-sensor data |
| <b>Storage</b>               | MicroSD, up to 512GB (256GB card included)                 |
| <b>Video / Image / Audio</b> | MP4 • JPG • built-in microphone & speaker                  |

### AI SAFETY FEATURES (OPTIONAL)

|                           |                                                                  |
|---------------------------|------------------------------------------------------------------|
| <b>ADAS</b>               | Forward collision, tailgating, pedestrian & speed-limit alerts   |
| <b>DMS</b>                | Eye closure, yawning, distraction, smoking & phone-use detection |
| <b>Emergency Response</b> | Automatic emergency call triggered on severe impact              |
| <b>Incident Reporting</b> | Automated First Notice of Loss (FNOL) report                     |

### CONNECTIVITY & POSITIONING

|                  |                                                 |
|------------------|-------------------------------------------------|
| <b>Cellular</b>  | LTE Cat 6, 50 Mbps UL / 300 Mbps DL             |
| <b>Wi-Fi</b>     | 802.11 b/g/n/ac, 2.4 / 5 GHz, AP & Station mode |
| <b>Bluetooth</b> | BT 4.2 + BLE                                    |
| <b>GNSS</b>      | Internal antenna, <3 m accuracy, ~1 s hot start |
| <b>SIM</b>       | Nano SIM (4FF)                                  |

### POWER & PHYSICAL

|                          |                                                 |
|--------------------------|-------------------------------------------------|
| <b>Operating Voltage</b> | 8V–36V DC                                       |
| <b>Installation</b>      | OBD-II, hardwired, or auxiliary power           |
| <b>Backup Battery</b>    | Rechargeable Li-polymer                         |
| <b>Dimensions</b>        | 4.7 × 2.4 × 2.8 in (120 × 60 × 70 mm)           |
| <b>Weight</b>            | 7.8 oz (220 g)                                  |
| <b>Operating Temp.</b>   | -2°C to +70°C                                   |
| <b>Mount</b>             | Adjustable bracket, 0–80° rotation, 3M adhesive |

### INTERFACES

|                              |                                           |
|------------------------------|-------------------------------------------|
| <b>Ports</b>                 | 1× RS232, 1× Digital In, 1× Digital Out   |
| <b>Expansion</b>             | 4-pin connector for one additional camera |
| <b>USB Type-C</b>            | Upgrade / debug / configuration / data    |
| <b>Multi-function Button</b> | Wi-Fi switch, panic button, SOS alarm     |
| <b>LED Indicators</b>        | GNSS / Cellular / Power / Recording       |