bytecurve
Dash Camera

AI-powered Dash Camera & 360 degree vehicle visibilty

Driver Safety Scorecard

- **Low Risk**
- **Medium RIsk**
- **High R...**
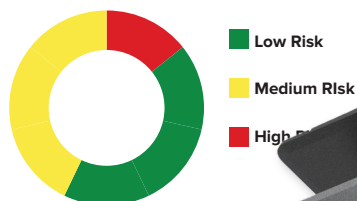
Smarter. Safer. Bytecurve.

The Bytecurve Dash Camera is a professional-grade, AI-powered solution that's user-friendly and cost-effective. It instantly detects risky driving events like lane drift, tailgating, and potential collisions—plus unsafe behaviors such as phone use, distraction, smoking, or not wearing a seatbelt.

Real-time voice alerts keep drivers in check, while all events are uploaded to a central platform so fleet managers can coach smarter and cut risk across the board.

Critical Safety & Connectivity Features

- 5MP resolution with 140º DFOV for ADAS, 1080P resolution with 170º DFOV for DSC
- Support up to 4-channel video recording, H.264/H.265 video coding
- Dual Micro 256G SD card storage, supporting dual-stream recording
- Built-in Wi-Fi and 4G module
- Support 4-channel I/O input, 1 channel CAN and 1 channel RS232
- Compact Design

- Support OBD powering, easy installation
- Functions of built-in ADAS and DSC, supporting AI event detection (up to 2-channel)
- Support sleep mode, remote wake-up (power consumption less than 0.1W)
- Support echo suppression algorithm to improve the quality of two-way voice intercom
- 6-axis gravity sensor detects intense driving behaviors (Harsh Acceleration, Deceleration, Sharp turn & Accident detection)
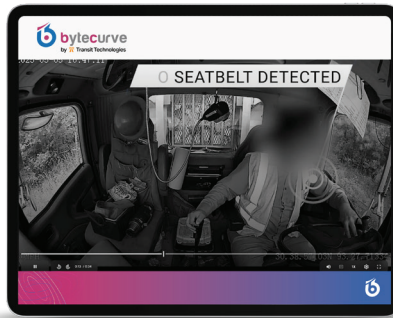
ADAS Features

LDW (Lane Departure Warning)

HMW (Headway Monitoring Warning)

FCW (Forward Collision Warning)

bytecurve
by Transit Technologies

bytecurve.com

The essential fully-integrated fleet and people safety platform

DISTRACTED DRIVING DETECTED

SEATBELT DETECTED

HANDHELD DEVICE DETECTED

Active Safety, Powered by AI

Bytecurve Dash Camera uses advanced video analysis to spot road hazards and unsafe driving behaviors the moment they happen. Drivers get real-time voice and visual alerts—while event footage is instantly uploaded to the cloud for review.

Lens Covered

Fatigue

Phone Call

Smoking

Distraction

No Driver Detected

Unfastened Seat Belt

Yawning

Mini Side View Camera

Body Camera

Panic Button

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