

AI DASHCAM — ROAD ONLY

BD2000

FleetCam Pro Road Only — Road-Facing AI Dashcam

As one of the most advanced AI dashcams on the market, FleetCam Pro has been redesigned from the ground up to help you monitor your fleet and improve driver safety and accountability. It features easy installation, AI safety event detection and alerts, 3-channel recording, and crystal-clear Ultra HD footage with ultra-wide angles and excellent low-light visibility.



Up to 1920P UHD

Wi-Fi + 4G + GPS

Up to 5-Channel*

ADAS Detection

KEY FEATURES

- ✓ Plug & Play installation (OBD-II & JBUS)
- ✓ Built-in Wi-Fi, 4G, and GPS positioning
- ✓ Up to 5-channel recording with FC Pro Hub*
- ✓ Wide-angle, road-facing camera view
- ✓ ADAS detection with 6-axis accelerometer
- ✓ Remote wake-up & sleep mode conserves battery
- ✓ Up to 1920P UHD resolution, infrared night vision
- ✓ AI harsh-driving detection & safety alerts
- ✓ Echo cancellation & noise-canceling audio
- ✓ H.265 video compression for efficient storage

*5-channel capability requires the FC Pro Hub add-on module.

APPLICATIONS

Fleet Safety Monitoring

Driver Coaching & Accountability

Insurance & Liability Protection

Incident Review & Video Evidence

ADAS-Assisted Fleet Compliance

OBD-II / JBUS Vehicle Integration

BD2000 — Full Technical Specifications

POSITIONING	
GNSS Constellation	GPS L1 1575.42MHz, GALILEO E1B/C1, GLONASS L1OF 1602MHz
SBAS	WAAS / EGNOS / MSAS / GAGAN
NETWORK	
Wi-Fi	2.4G (802.11 a/b/g/n)
4G — North America	LTE FDD B2/B4/B5/B12/B13/B14/B66/B71, WCDMA B2/B4/B5
4G — Europe/Asia	LTE FDD B1/B3/B7/B8/B20/B28A, WCDMA B1/B8, GSM B3/B8
4G — Latin America	LTE FDD B1/B2/B3/B4/B5/B7/B8/B28, LTE TDD B40, WCDMA B1/B2/B5/B8, GSM B2/B3/B5/B8
POWER	
Power Supply	9-36V DC input range
Consumption (Standby)	13.5V@5.67mA / 27V@3.39mA
Consumption (Sleep, 4G+MCU)	13.5V@62-124mA / 27V@32-61mA
Typical / Full-Load Power	~7.56W typical / ~12.66W full-load
RECORDING	
Video Compression	H.265
Audio Compression	ADPCM, G.711U
Image Resolution (PAL/NTSC)	Up to 1080P, multiple resolutions down to CIF
Digital Resolution	1080P, 720P
STORAGE & SENSOR	
Six-Axis Sensor	Detects harsh acceleration, deceleration & cornering
Micro SD Card	×2 slots, SDXC 32GB-512GB (approved cards only)
ENVIRONMENT	
Operating Temp.	-40°C to +70°C (-40°F to +158°F)
Storage Temp.	-40°C to +85°C (-40°F to +185°F)
Humidity	15% to 95%, non-condensing
Ingress Protection	IP30
PHYSICAL	
Dimensions	113.0 × 67.2 × 57.0 mm (L×W×H, without bracket)
Weight (Net)	295 g, device only
Weight (Gross)	745 g incl. accessories & packaging, ±10g
AUDIO-VIDEO	
AV Recording	3-channel video + 1-channel audio (expandable to 5-channel video + 3 audio via FC Pro Hub)
Video Coding	H.265
Audio Compression	G.711
Audio Input	Built-in microphone
Speaker	Built-in 3W, adjustable, ≥70dB at 1m
PORT	
RS232	1-channel
I/O Port	3-channel in + 1-channel out with FC Pro Hub*
CAN	1-channel

DRIVER & SAFETY EVENTS

ADAS

Following Distance Warning

Forward Collision Warning

Lane Departure

Rolling Stop Sign

Pedestrian Warning

HARSH & SYSTEM

Harsh Cornering

Harsh Accelerating

Harsh Braking

SOS/PTO Event

Low Voltage

Memory Error

Video Loss