

AI-powered safety for modern fleets



-  Up to 6 channels*
-  ADAS, DMS and 6-axis accelerometer
-  Built-in Wi-Fi® and GPS
-  Ultra-wide 140° road-facing & 170° driver-facing views
-  Plug & Play installation (OBD-II & JBUS)

Wake-up at will

Remote wake-up and sleep mode allows your team to stream or view footage remotely whenever needed while also conserving vehicle battery life.

Driving has never been safer

FleetCam Pro's AI detects and warns of safety events, saving lives and improving driving behavior with features like harsh driving detection, alerts, and more.

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

As wide as the eye can see

With up to 1080p UHD resolution and infrared lamp, FleetCam Pro is the ultimate in monitoring your fleet while ensuring excellent low-light performance.

Effortless communication & tracking

With Wi-Fi, cellular communication, positioning module, echo cancellation, and noise canceling support, in-cab communication becomes effortless and clear.

As one of the most advanced AI dashcams on the market, FleetCam Pro has been designed to help you monitor your fleet and improve driver safety and accountability. It features easy installation, AI safety event detection and alerts, up to 6-channel* recording, and crystal-clear Ultra HD footage with ultra-wide angles and excellent low-light visibility.

Specification

Positioning

GNSS		• Supported
		• GPS L1 1575.42MHz
		• GALILEO E1B/C1
		• GLONASS L1OF 1602MHz
		• SBAS: WAAS, EGNOS, MSAS, GAGAN

Network

Wi-Fi®		Support 2.4G (IEEE Std.802.11a/IEEE Std. 802.11b/IEEE Std.802.11g/IEEE Std.802.11n)
4G	North America:	LTE FDD: B2/B4/B5/B12/B13/B14/B66/B71 WCDMA: B2/B4/B5
Bluetooth®		Bluetooth 4.2

Physical

Dimensions (MM)	Dashcam: 113.0 mm × 67.8 mm × 88.2 mm (excluding bracket) (± 2 mm) Package: 176 mm × 150 mm × 114 mm (±3 mm)
Weight (kg)	Device only: 295g Accessories+package: 745g (±10g)

Storage & Sensor

Six-Axis Sensor	Harsh acceleration, Harsh deceleration, Harsh cornering
Environmental Light Sensor	Used for the in-cab camera, for day/night mode switching
Micro SD card	128GB eMMC + 1x 32GB microSD (upgradeable up to 1TB) (FTS Approved SD cards only)

Port

RS232	1-channel
I/O Port	3-channel in + 1 out when adding FC Pro Hub*
CAN	1-channel

Power

Power Supply	9-36V Range
Power Consumption	• standby:13.5V@5.67mA, 27V@3.39mA • sleep: (4G and MCU powered): 13.5V@62~124mA, 27V@32~61mA • Typical power consumption: ~7.56W • Full-load power consumption: ~12.66W

Audio-Video

AV Recording	4-channel video + 1-channel audio (Expandable to 6-channel video + 3 Audio via FC Pro Hub)
Video Coding	H.265
Audio Compression	G.711
Audio	Built-in MIC
Loudspeaker	Built-in speaker, power: 3W, with adjustable volume, not less than 70 dB at 1 m distance

Enviroment

Operating Temp.	-40°C ~ +70°C (-40°F ~ +158°F)
Storage Temp.	-40°C ~ +85°C (-40°F ~ +185°F)
Operating & Storage Humidity	15~95% non-condensing
IP Rating	IP30

Recording

Video Compr. Format	H.265
Audio Compr. Format	ADPCM, G.711U

Image Resolution

PAL 1080P (1920 × 1080), 720P (1280 × 720), WD1 (928 × 576), WHD1 (928 × 288), WCIF (464 × 288), D1 (704 × 576), HD1 (704 × 288), CIF (352 × 288); NTSC 1080P (1920 × 1080), 720P (1280 × 720), WD1 (928 × 480), WHD1 (928 × 240), WCIF (464 × 240), D1 (704 × 480), HD1 (704 × 240), CIF (352 × 240); Digital 1080P (1920 × 1080), 720P (1280 × 720)