



FleetCam Pro (Road Only)

- Up to 5 Channels*
- Built-in ADAS and 6-axis accelerometer
- Ultra-wide 140° road-facing
- Built-in Wi-Fi, 4G, and GPS
- Simple Plug & Play installation (OBD-II & JBUS)

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

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.

Wake-up at will

Remote wake-up and sleep mode allows your team to stream or view footage 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.

As wide as the eye can see

With up to 1920P 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, 4G communication, positioning module, echo cancellation, and noise canceling support, in-cab communication becomes effortless and clear.

POSITIONING

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

Wi-Fi	Support 2.4G (IEEE Std.802.11a/IEEE Std. 802.11b/IEEE Std.802.11g/IEEE Std.802.11n)
4G	Plug-in SIM card (Nano SIM card) - For North America: LTE FDD: B2/B4/B5/B12/B13/B14/B66/B71 WCDMA: B2/B4/B5 - For Europe and Asia LTE FDD: B1/B3/B7/B8/B20/B28A WCDMA: B1/B8, GSM: B3/B8 - For 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 Range • In standby mode:13.5V@5.67mA, 27V@3.39mA
Power consumption	• In sleep mode (4G and MCU powered): 13.5V@62~124mA, 27V@32~61mA • Typical power consumption: about 7.56W • Full-load power consumption: about 12.66W

ENVIRONMENT

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

PHYSICAL

Dimensions (mm)	Dashcam: 113.0 mm (length) × 67.2 mm (width) × 57.0 mm (height, without bracket)*
Weight (kg)	Net weight (device only): 295g Gross weight (including accessories and package): 745g Deviation: ±10g

PORT

RS232	1-channel
I/O Port	3-channel input + 1 output when adding FC Pro Hub*
CAN	1-channel
Button	1- Single click for SOS or Manual trigger event 2- Press and hold to enable Privacy Mode 3- Press twice within 2 seconds to enable WiFi AP Mode

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)

VIDEO-AUDIO

Video/Audio 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	Built-in MIC
Loudspeaker	Built-in speaker, power: 3W, with adjustable volume, not less than 70 dB at 1 m distance

STORAGE & SENSOR

Six-axis Sensor	Harsh acceleration, Harsh deceleration, Harsh cornering
Micro SD card	Micro SD card×2, (SDXC 32GB/64GB/128GB/256GB/512GB) (FTS Approved SD cards only)

*Using the FC Pro Hub will provide a total of 3-channel inputs + 1-channel output.

LED INDICATOR STATUS



Status bar layout



Power Status Lights

Off: The device is not powered on

Steady green: The device is powered normally



Alarm Indicator

Off: The device is not currently uploading data

Red flashes three times: The device is uploading data



GPS Signal Indicator

Off: Normal

Steady red: No GPS, or module may be malfunctioning

Red flash (once per second): GPS reception is poor



Network Status Indicator

Off: The device is connected to the server normally

Steady red: The device is not connected to the server



Wi-Fi Status Indicator

Off: The device is in Disable or Client mode

Steady green: The device is in AP mode

Steady red: There is an issue with the Wi-Fi



Recording Status Indicator

Off: The built-in or extended camera is operating normally




Steady red: The built-in or extended camera stopped recording (including privacy mode) / failed

DRIVER EVENTS




ADAS FEATURES

-  Following distance warning
-  Forward collision warning
-  Lane departure
-  Rolling stop sign
-  Pedestrian warning

HARSH EVENTS

-  Harsh Cornering
-  Harsh Accelerating
-  Harsh Braking

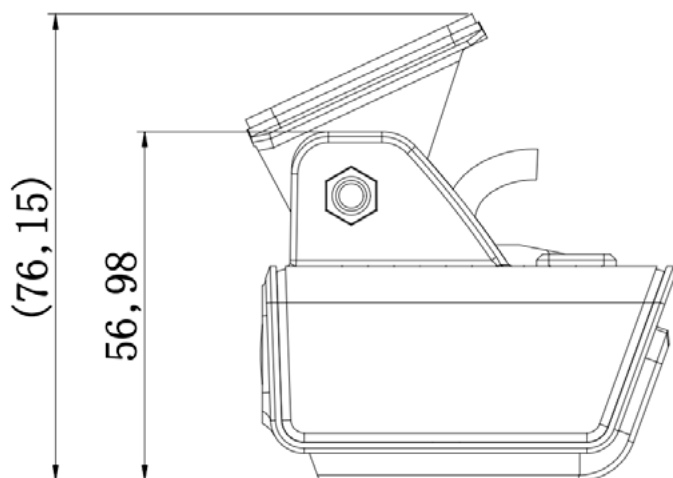
SYSTEM EVENTS

-  Low Voltage
-  Memory Error
-  Video Loss

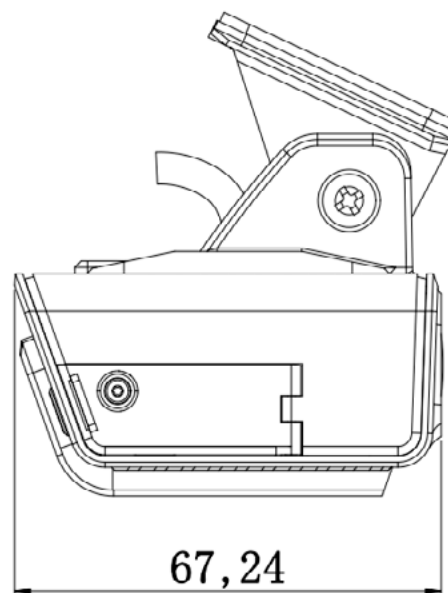
OTHER

-  SOS/PTO event

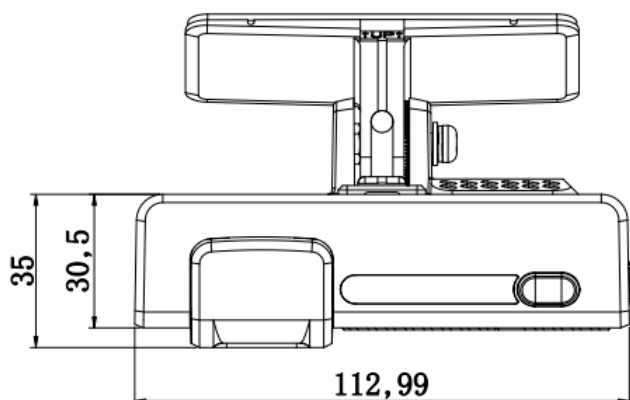
DIMENSIONS (MM)



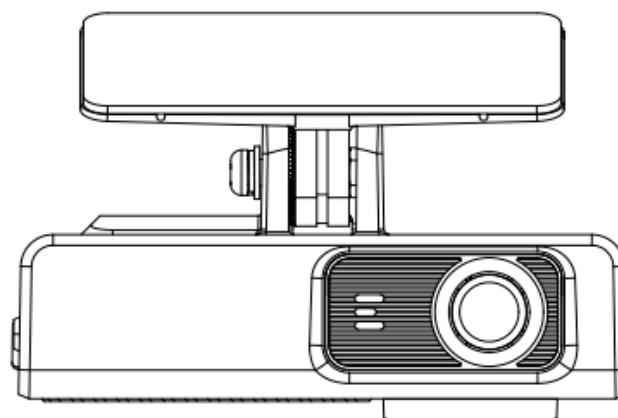
Left view



Right view



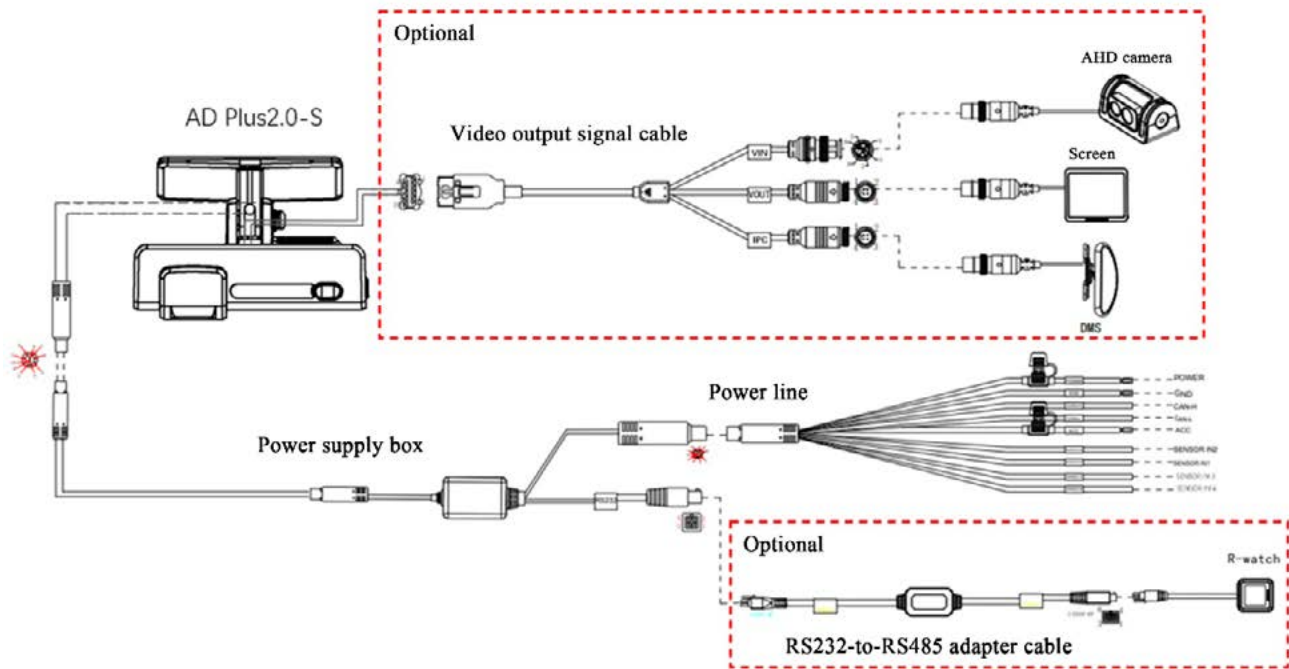
Front view



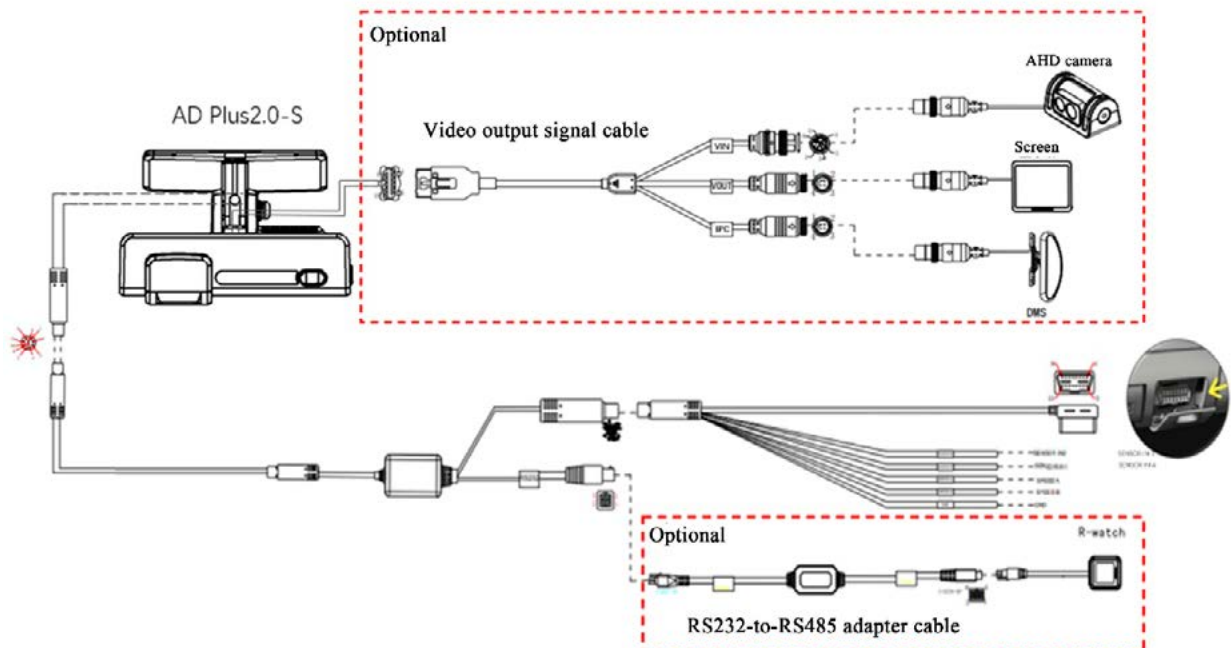
Rear view

SYSTEM CONNECTION DIAGRAM

(1) system connection diagram for power supply through loose wire



(2) OBD wiring diagram



* - Optional accessory