forward thinking

FleetCam Pro

- Up to 6 Channels*
- Built-in ADAS, DMS and 6-axis accelerometer
- Ultra-wide 140° road-facing & 170° driver-facing FOV
- Built-in Wi-Fi, 4G, and GPS
- Simple Plug & Play installation (OBD-II & JBUS)

* 6-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, 4-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.

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.

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.

Effortless Communication & Tracking

With Wi-Fi, 4G communication, positioning module, echo cancellation, and noise canceling support, in-cab communication becomes effortless and clear.

1-866-221-1864 sales@ftsgps.com www.ftsgps.com

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FC-PRO-NA-22, FC-PRO-NA-22-6, FC-PRO-LAT-22, FC-PRO-EMEA-22
FC-PRO-R-NA-22, FC-PRO-R-NA-22-6, FC-PRO-R-EMEA-22, FC-PRO-R-LAT-22

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	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
Power consumption	• In standby mode:13.5V@5.67mA, 27V@3.39mA • 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

ENVIROMENT

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×67.8 mm×88.2 mm (excluding bracket); Deviation: ±2 mm Package: 176 mm×150 mm×114 mm; Deviation: ±3 mm
Weight (kg)	Net weight (device only): 295g Gross weight (including accessories and package): 745g Deviation: ±10g

PORT

RS232	1-channel
I/O Port	4-channel input OR 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.264/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), WHD 1(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	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

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	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.

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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 modeSteady
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

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FEATURE COMPARISON CHART

	Essential	Pro
Video recording	2-channel	Up to 6-channel*
Video resolution	1080P Road & Driver	1080P Road & Driver
Field of view (fov)	143° road / 170° driver	140° road / 170° driver
AI Driver Events	NO	YES
6-Axis Accelerometer	YES	YES
GPS	Standard	High precision dead-reckoning
Add-ons	None	Up to 4 external cameras and 1 LCD

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

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AI FUNCTION

ADAS FEATURES

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

DMS FEATURES

- Driver distracted
- Driver fatigued
- Driver smoking
- Driver using cell phone
- No seat belt

HARSH EVENTS

- Harsh Cornering
- Harsh Accelerating
- Harsh Braking

OTHER

- No driver detected
- SOS/PTO event
- Camera covered

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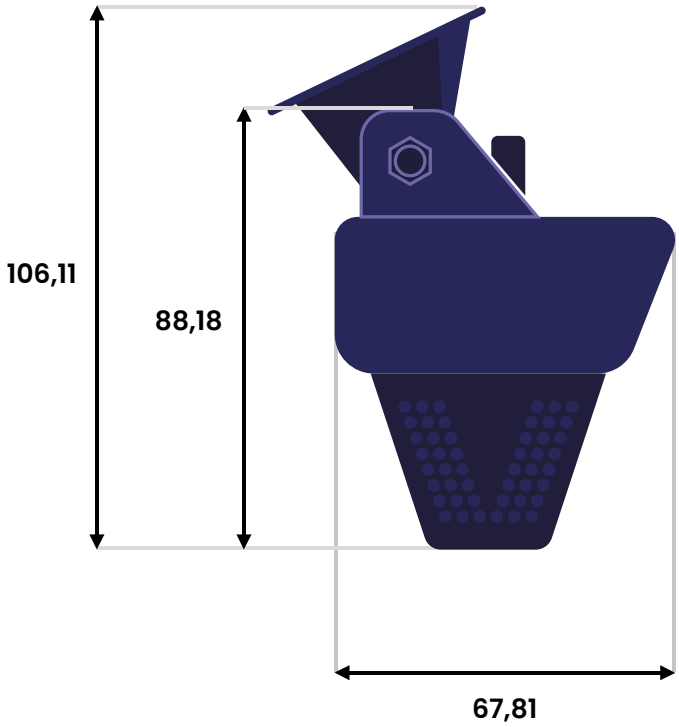
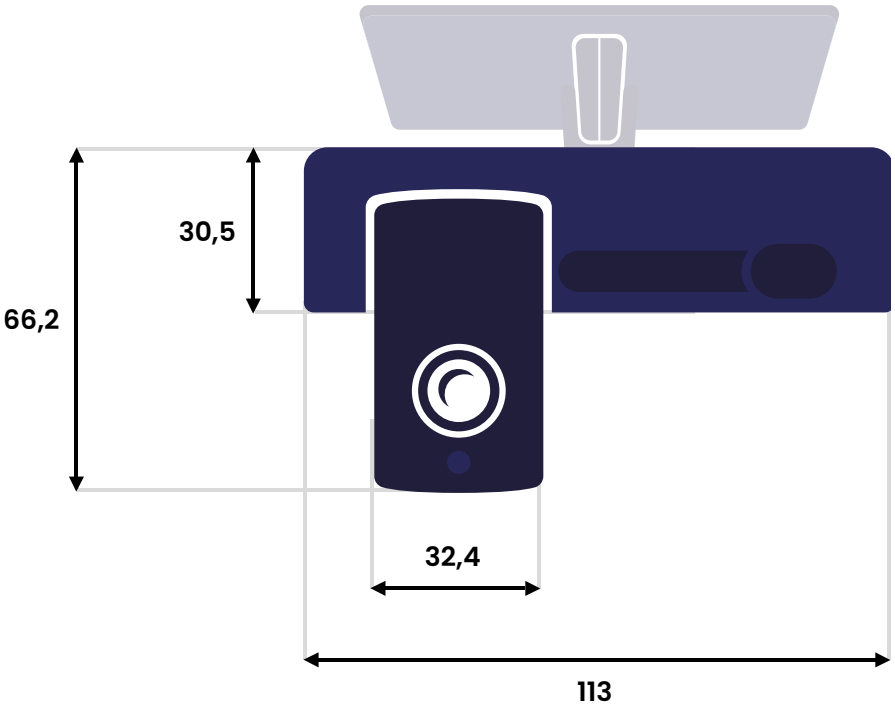
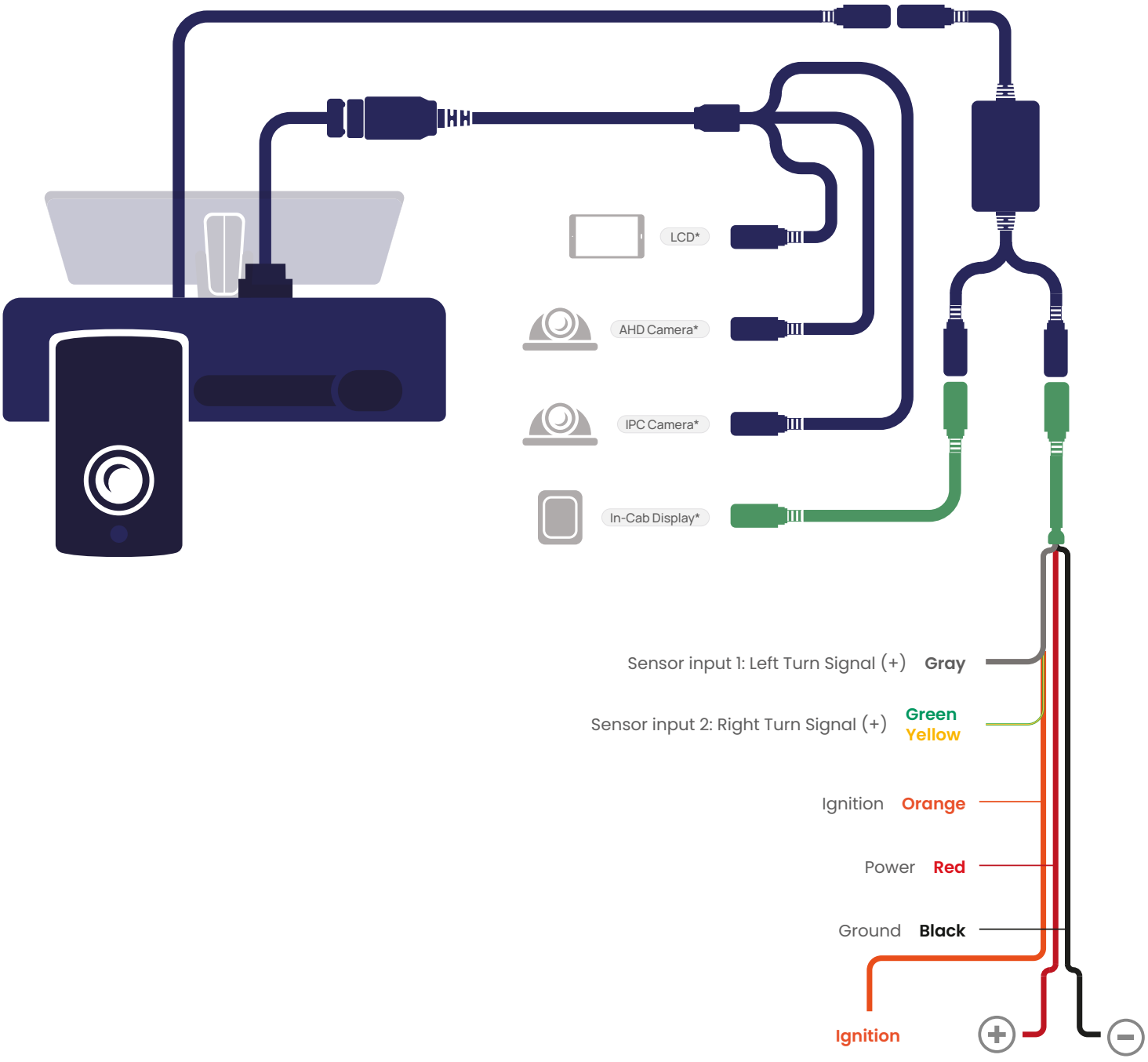
DIMENSIONS (MM)



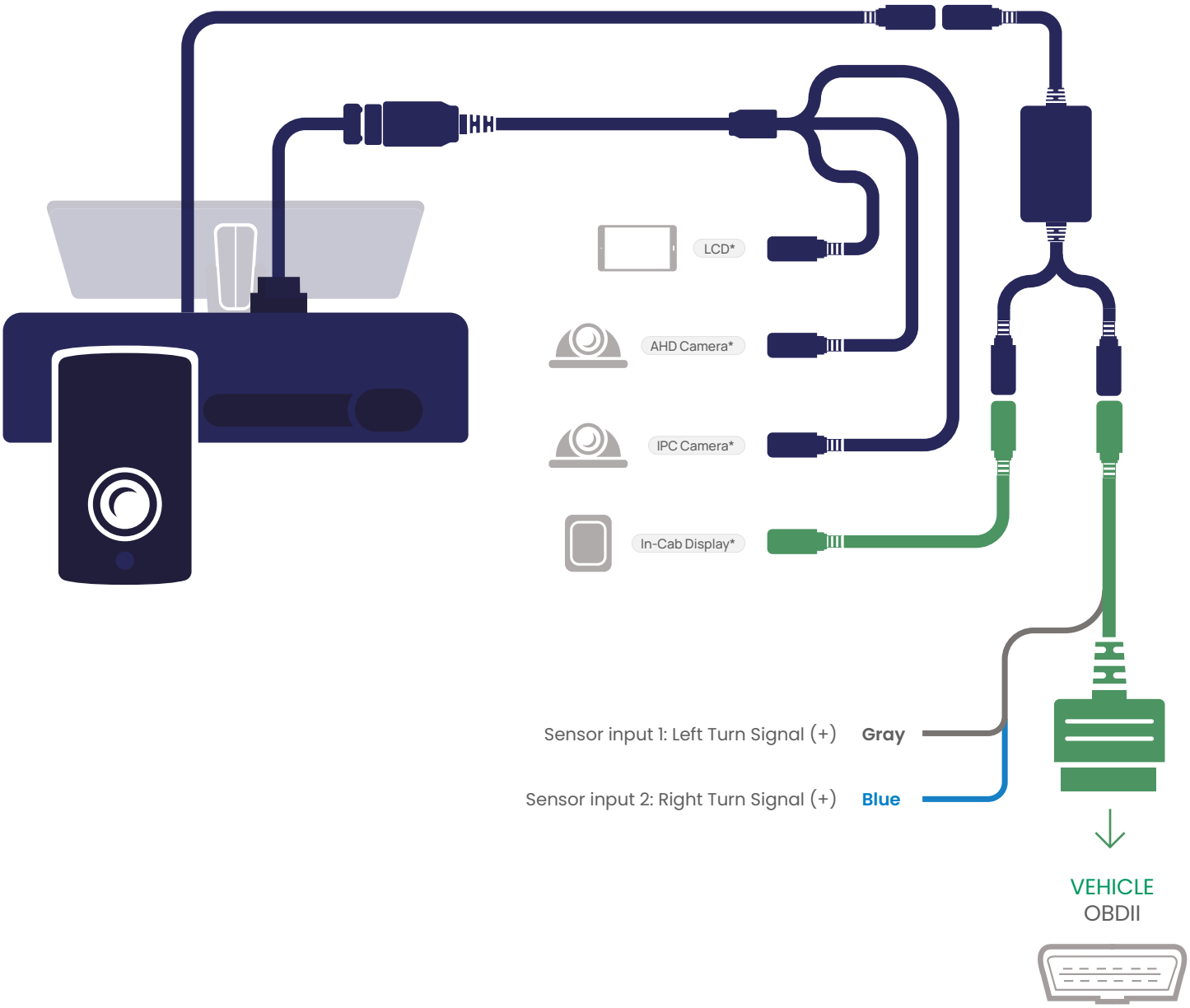


1. FleetCam Pro Hardwired



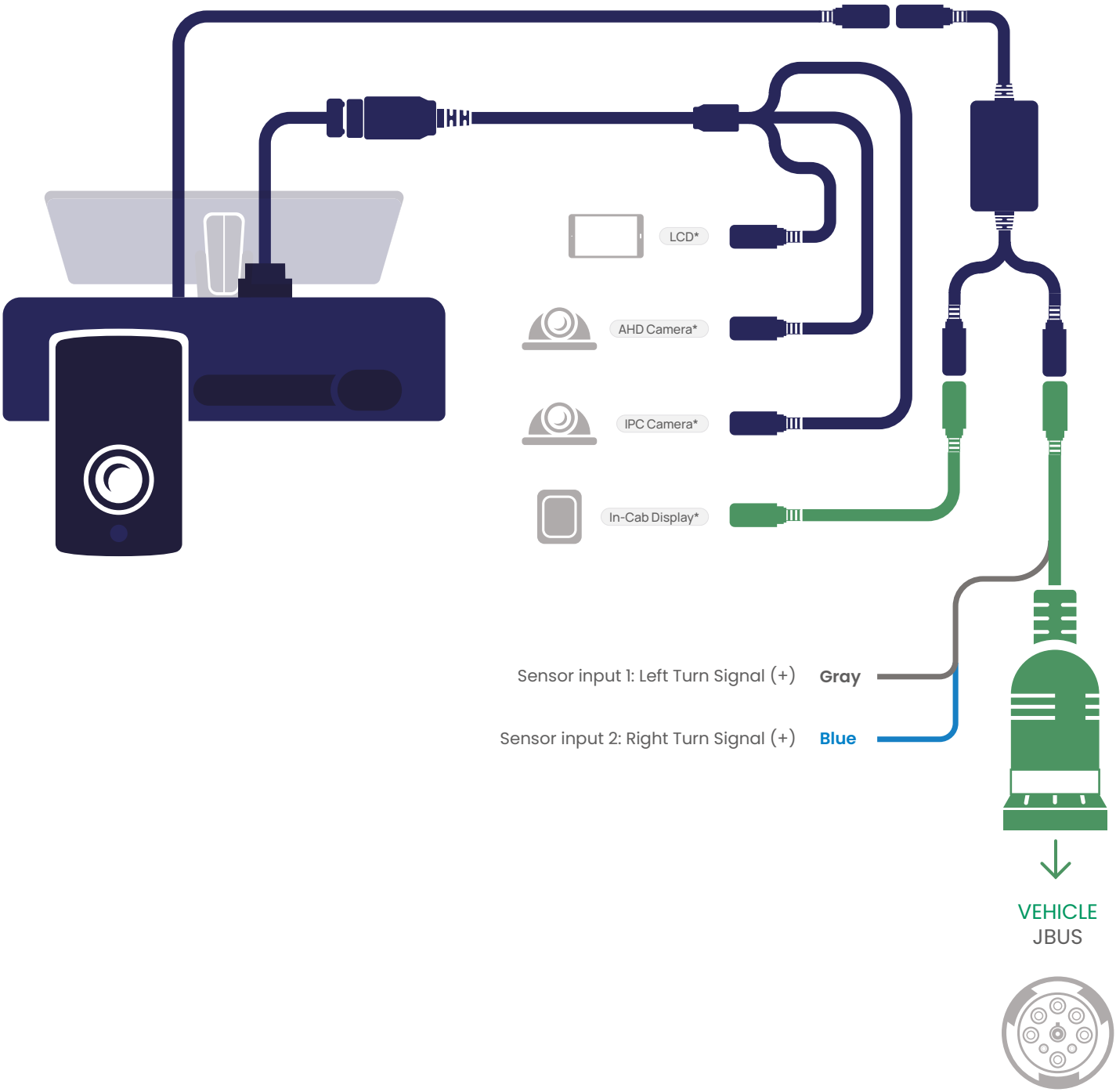
* - Optional accessory

2. FleetCam Pro OBDII



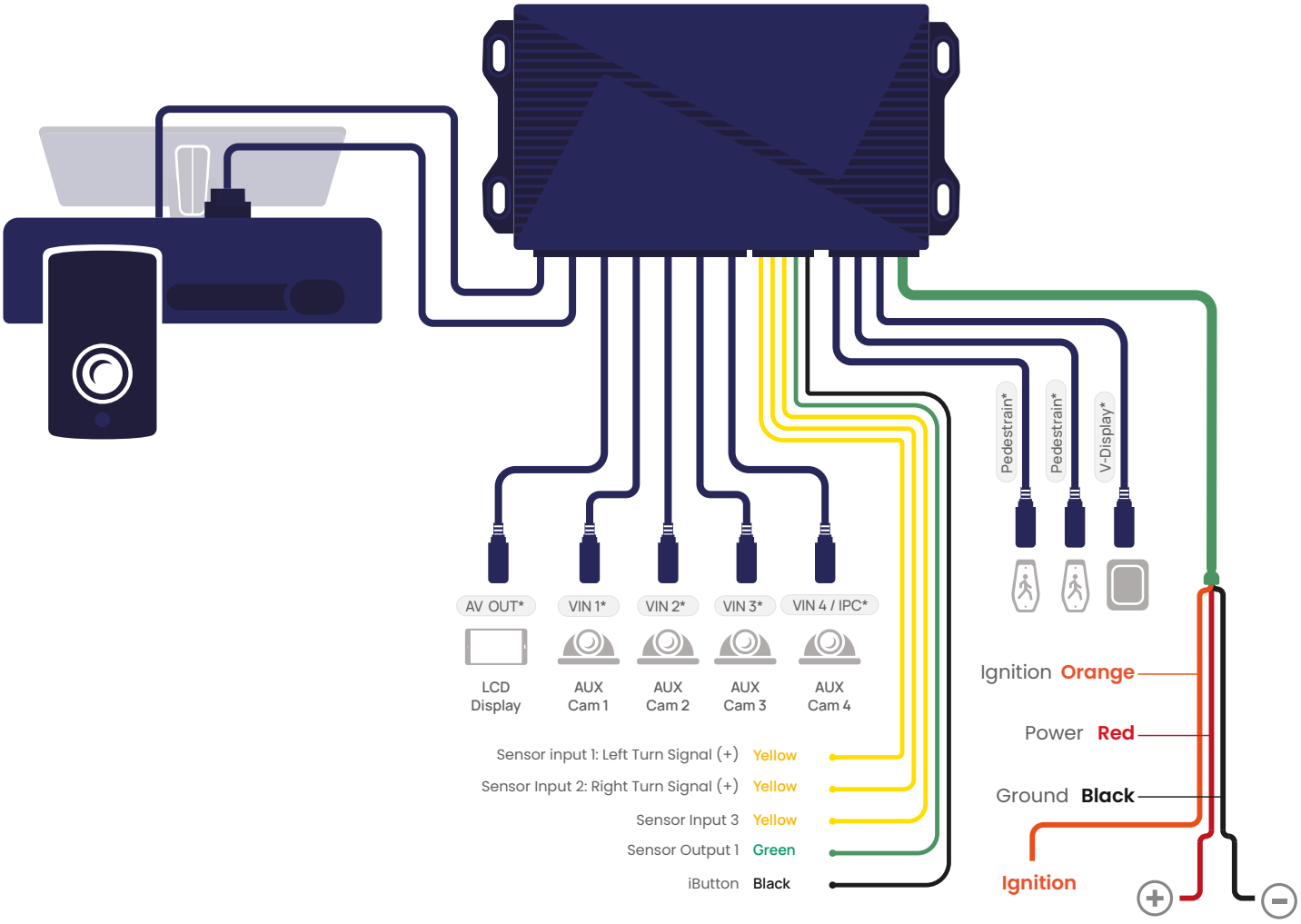
* - Optional accessory

3. FleetCam Pro JBus



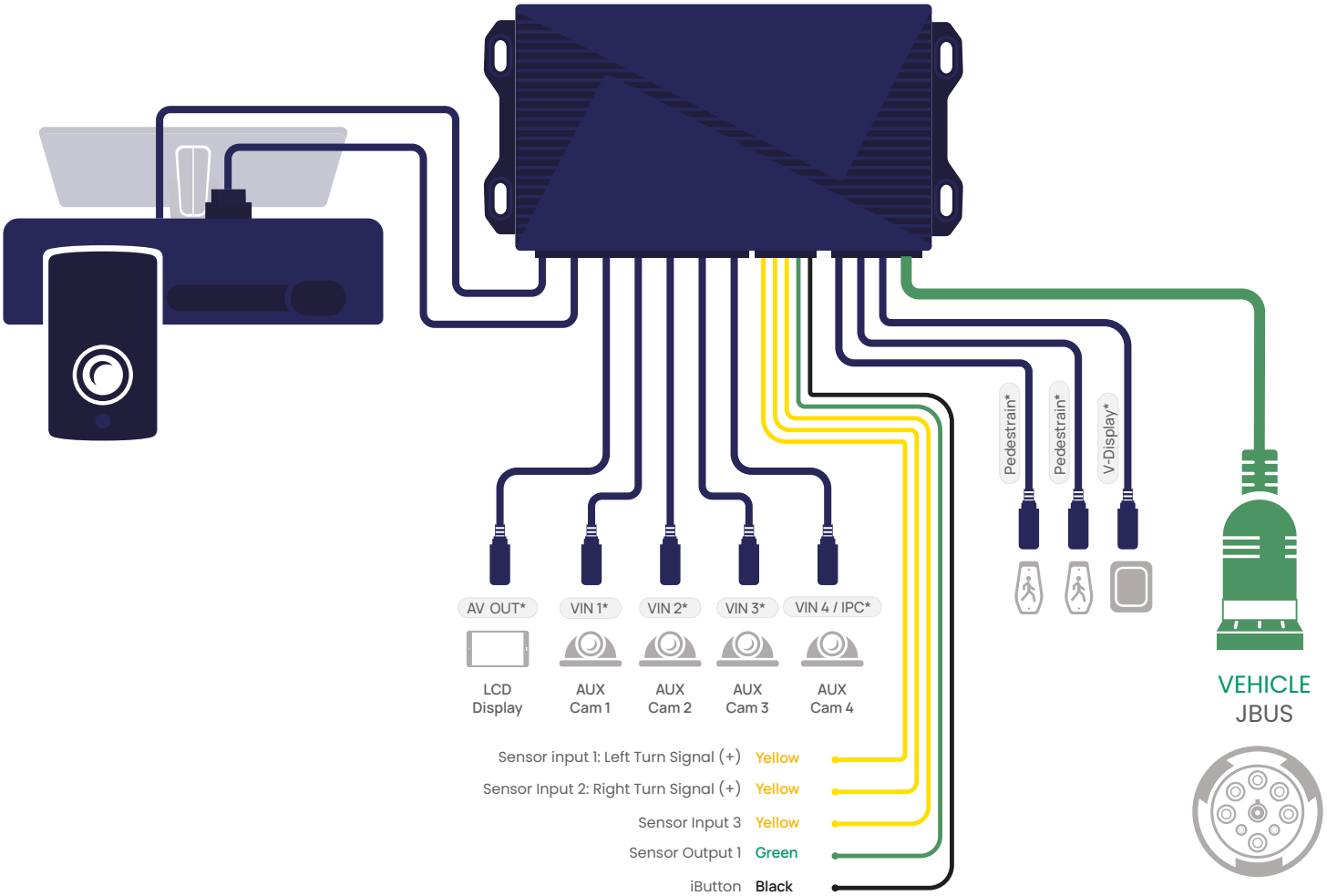
* - Optional accessory

4. FleetCam Pro Hardwired with FC Pro Hub



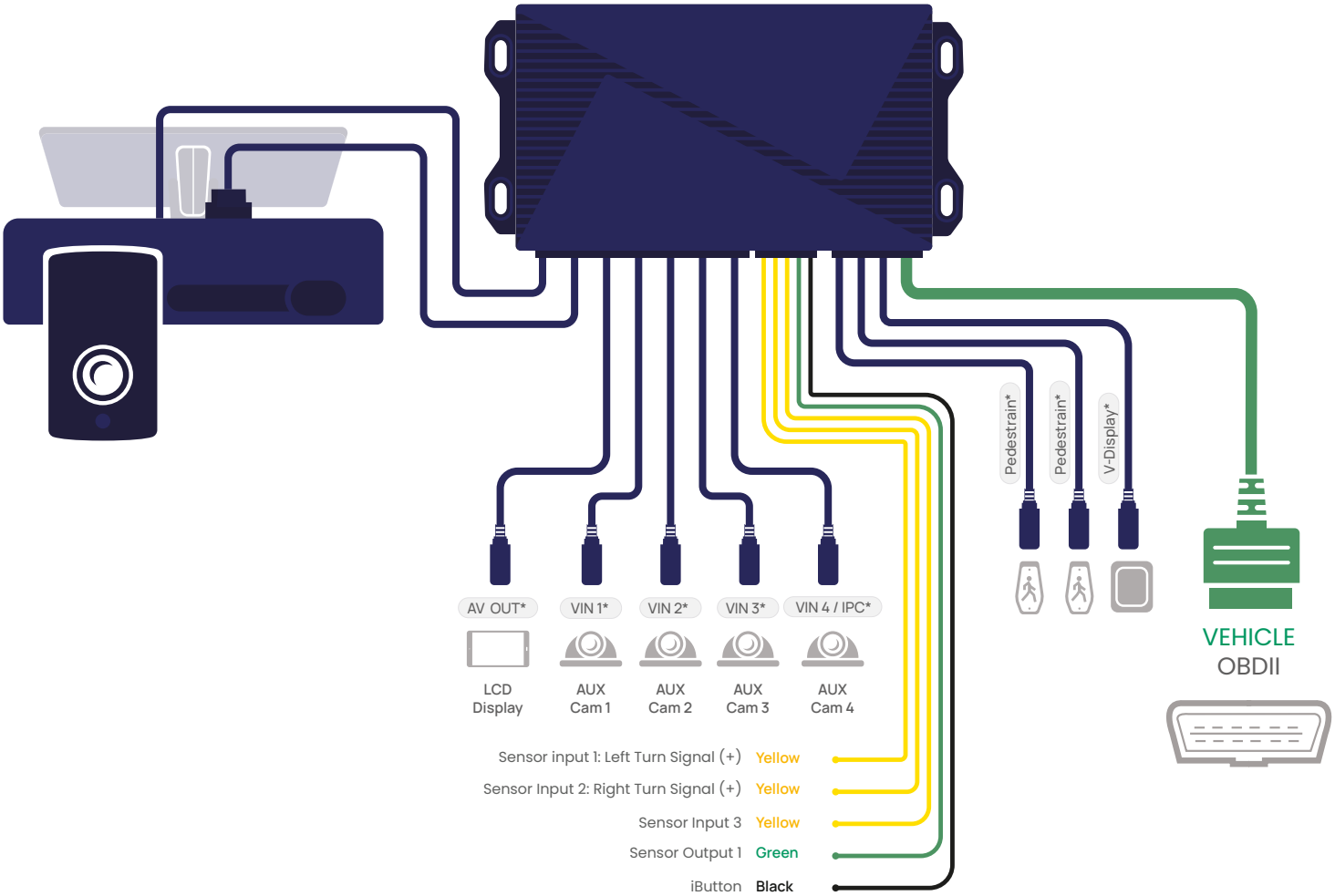
* - Optional accessory

5. FleetCam Pro JBUS with FC Hub



* - Optional accessory

6. FleetCam Pro OBDII with FC Pro Hub



* - Optional accessory