



2 Channel AI Dashcam Pro Installation Manual

+1 (650) 600-0008 | www.TruckX.com

Thank You for Choosing TruckX!

Thank you for choosing TruckX as your Telematics & Fleet Management Partner. We're excited to be part of your fleet's success.

Please read this manual carefully to ensure correct installation of the TruckX 2 Channel AI Dashcam Pro. If you have any questions or need assistance at any point, reach out to our Customer Support Team anytime at **(650) 600-0008** or **Support@TruckX.com**.

You can check our installation video if necessary.

This manual is periodically updated to enhance performance and may change without prior notice.

Thank you again for your trust in TruckX!



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Product Design Blueprint

- ① TF card slot
- ② Short-screw hole, for fixing bracket
- ③ SIM card slot
- ④ Short-screw hole, for fixing card cover
- ⑤ Panic button
- ⑥ LED indicator
- ⑦ Speaker vent
- ⑧ Long-screw hole, for fixing lens
- ⑨ Bracket slots
- ⑩ Front camera



Explanation of LED Indicators

White LED (Startup Indicator)

- **ON:** During the first minute after the device is powered on

Green LED (Network Indicator)

- **ON:** Device has started and is connecting to the platform

Blue LED (Recording Indicator)

- **ON:** Dashcam is recording

Purple LED (GPS Indicator)

- **ON:** GPS is active

Red LED (Alert Indicator)

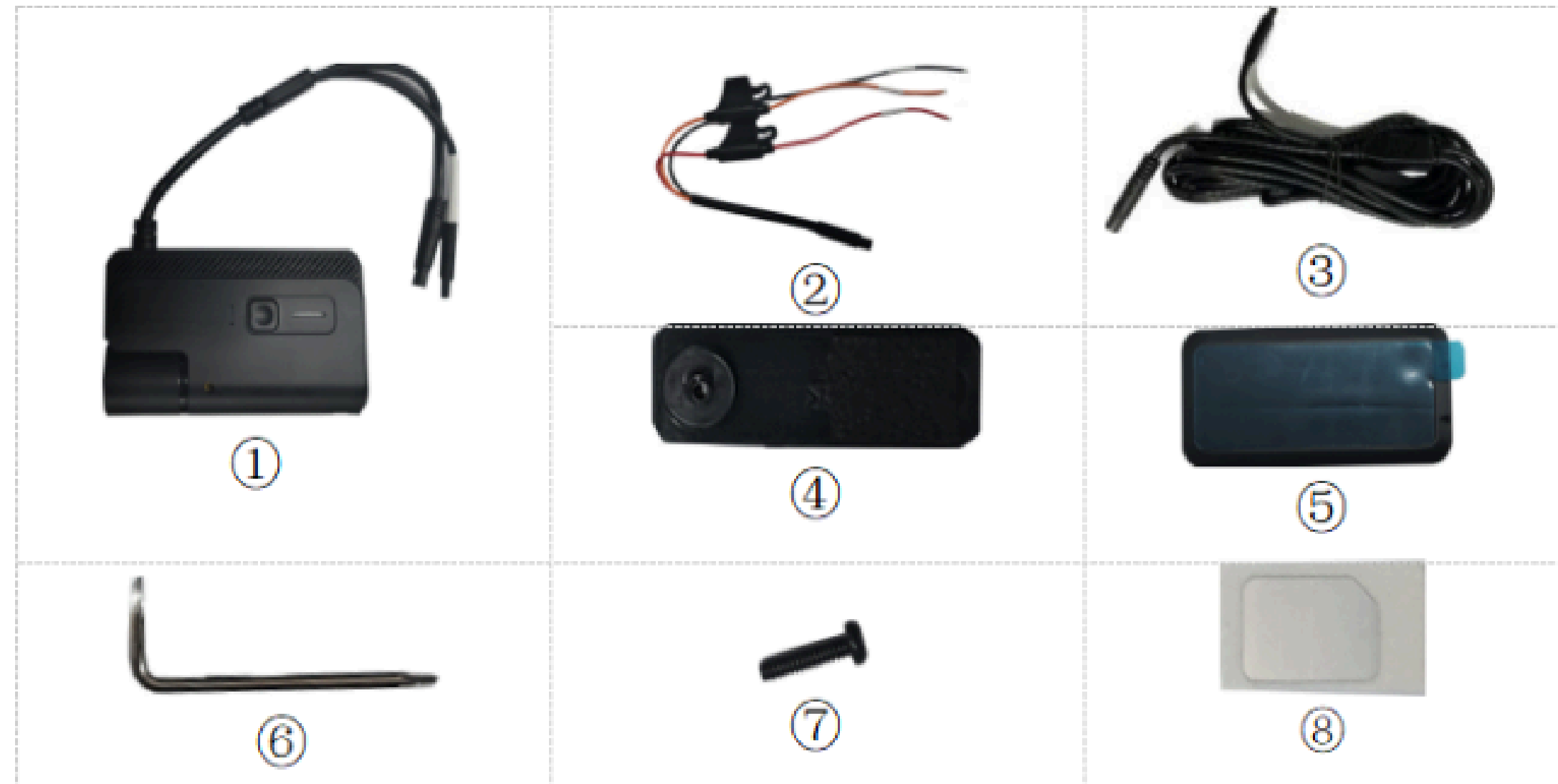
- **ON:** An alert has been triggered



** As the corresponding functions become active, the LED changes color in sequence*

Packaging List

- Dashcam
- Power Cable
- Extension Cable
- Sim card slot cover
- Bracket
- Screw driver
- Long and short screw
- SIM card sticker



Product Installation Notes

- Confirm the vehicle power type before installation. The device supports an input voltage of 8–36V.
- Power can be connected using an OBD cable or a direct BAT+, ACC, and GND cable.
- Use an industrial-grade SIM card and a Class 10 TF / Micro SD card with a recommended capacity of 64GB–256GB.
- Install the dashcam near the middle of the windshield without blocking the driver's view or any factory-installed or aftermarket ADAS sensors/features. Mount the bracket with the arrow pointing UP to ensure the dashcam is installed in the correct orientation.
- If ADAS is enabled, keep the bracket screw slightly loose until camera alignment and calibration are completed.
- After installation, remove the protective film from the camera lens and check all connections before use.



Product Specifications

→ **Camera Channels:** Supports up to 2 Channels

→ **Built-in Cameras:** Front Camera

→ **Expansion:** Supports 1 External Camera

→ **Camera Resolution:** Up to 1080P

→ **Interface:** Supports RS232

→ **AI Features:** Optional DMS and ADAS support

→ **Mobile Network:** 4G LTE

→ **Size:** 110 × 67.8 × 43.9 mm

→ **AI Features:** Optional DMS and ADAS Support

→ **Power Input:** DC 8–36V

→ **Audio:** Built-in Microphone and Speaker

→ **SOS Trigger:** Supports Panic / SOS Alarm

→ **Power Options:** OBD or BAT+, ACC, and GND Wiring

→ **Storage:** Single TF / Micro SD Card, up to 512GB

Product Wiring Explanation

The dashcam supports approved OBD or direct power connection. Confirm the vehicle's power type and use only TruckX-approved wiring accessories.

OBD Power Connection

- Connect the OBD cable to the vehicle's OBD port and route it neatly along the trim.
- Keep the cable clear of the driver's view, pedals, airbags, and moving parts.

Direct Power Connection

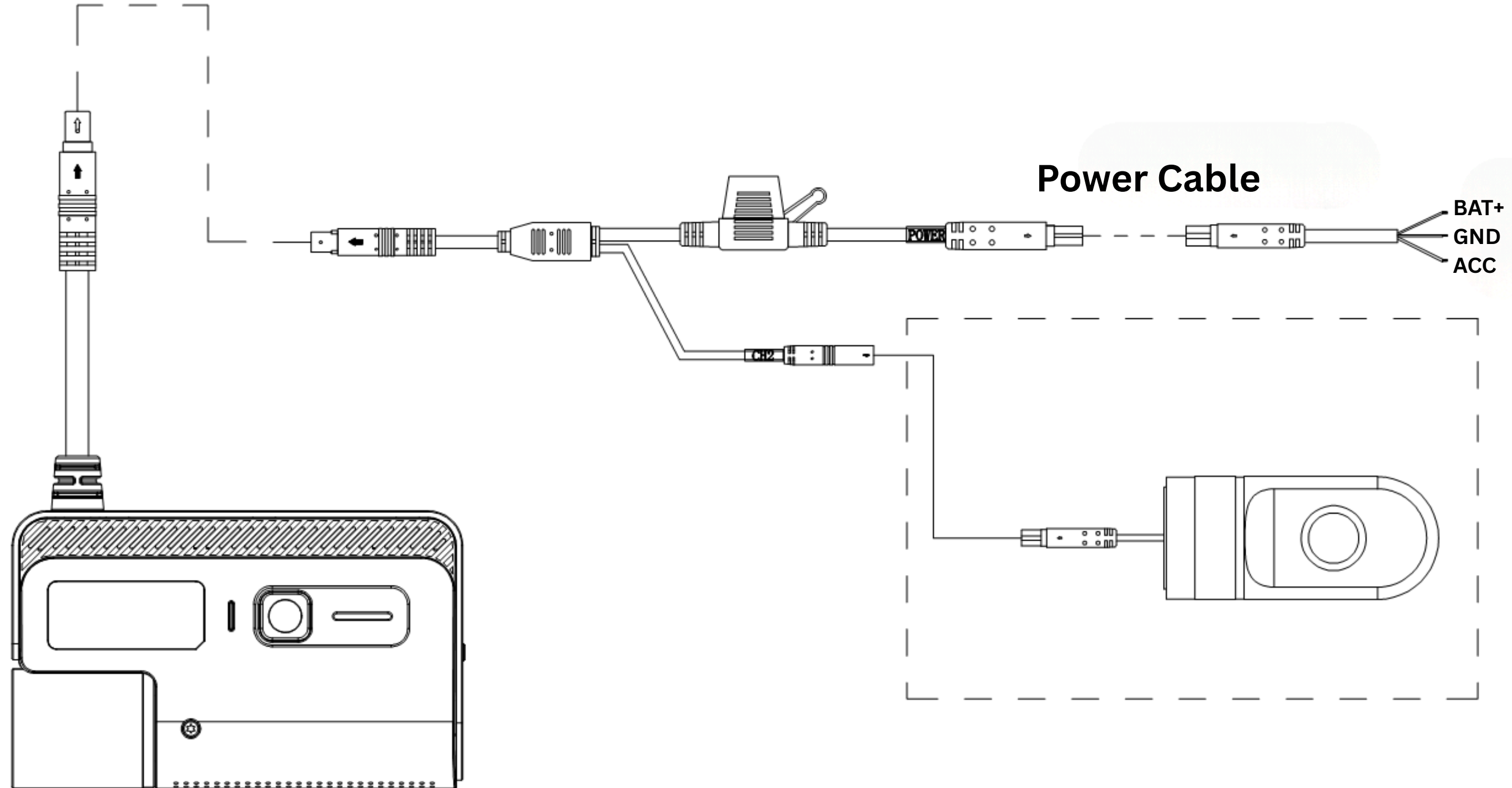
- BAT+: Connect to constant power.
- ACC: Connect to ignition power.
- GND: Connect to vehicle ground.

Second-Camera Connection

- Connect the optional second camera to the dashcam using the extension cable.
- Route and secure the cable safely along the vehicle trim.

Ensure all connections are secure before powering on the dashcam. After wiring, turn on the vehicle and check the LED indicator and camera view for normal operation.

Product Wiring Diagram



Adding a Dashcam to the FMS

- ① Begin by logging into the Fleet Management System (FMS) for seamless access.
- ② Navigate to the “**Devices**” section.
- ③ Within the “**Devices**” section, select “**Dashcam Devices.**”
- ④ Click the “**Add Device**” button.
- ⑤ In the pop-up window, enter the following details:
 - a. Device Name
 - b. Choose 2-Channel AI Dashcam Pro from the dropdown list
 - c. Device ID (IMEI)
 - d. Assign to (Truck or Trailer)
- ⑥ Click “**Confirm**”
- ⑦ The dashcam has now been successfully added to the account.

Now, we need to install the dashcam physically in the truck. You can check our installation video if necessary. [Click here](#)

Main Unit Installation (1)

Install the dashcam near the top-center of the vehicle windshield. Route the power cable along the A-pillar and secure it before final camera adjustment.

- **Step 1:** Step 1: Select a suitable position near the top-center of the windshield. Make sure the dashcam does not block the driver's view or obstruct any factory-installed or aftermarket ADAS sensors/features.
- **Step 2:** Remove the protective film from the 3M tape. With the arrow on the mounting bracket pointing UP, attach the mounting base firmly to the windshield and wait for 2 hours.
- **Step 3:** Slide the dashcam onto the mounting base. Install the long screw, but keep it slightly loose for angle adjustment.



Main Unit Installation (2)

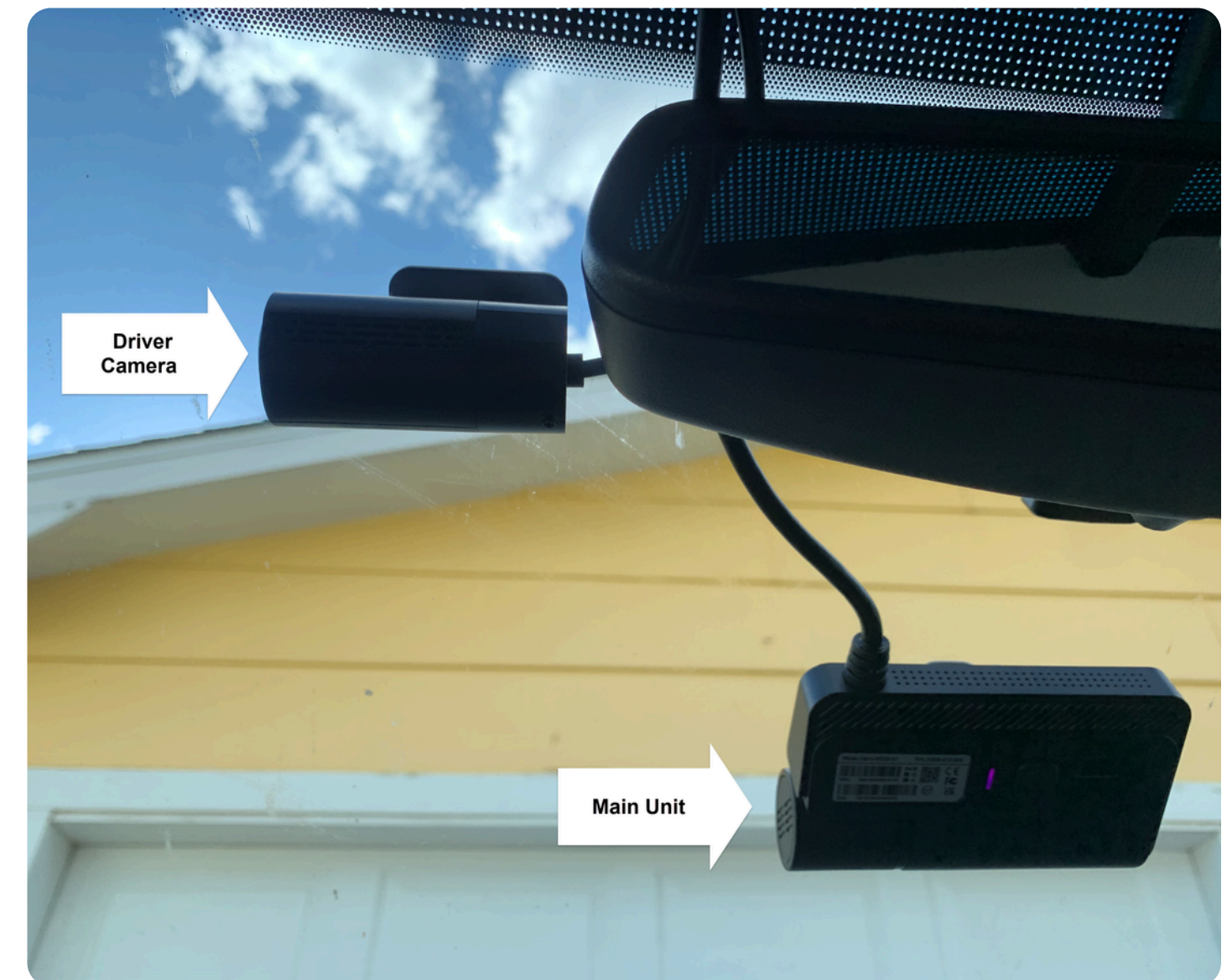
- **Step 5:** Connect the dashcam using the approved OBD cable or the B+, ACC, and GND power cable.
- **Step 6:** Route and secure the power cable along the vehicle's A-pillar. Keep it away from airbags, pedals, and moving parts.
- **Step 7:** Power on the dashcam and verify the camera position using live video, if available. If live video is not available, take an SOS snapshot to view the camera position. Adjust the front camera until the road view is clear and centered.
- **Step 8:** Install the optional second camera, tighten all screws, and verify the green, blue and purple lights are cycling in sequence from the LED indicator. Not all customers have live video.



Driver-Camera Installation

The TruckX 2-Channel AI Dashcam Pro supports one optional external camera for driver-facing camera.

- **Step 1:** Connect the external camera to the dashcam using the approved extension cable.
- **Step 2:** Select an appropriate installation point near the main unit camera. Ensure the driver-facing camera is mounted on the same side of the vehicle as the driver's seating position.
- **Step 3:** Adjust the camera left/right and up/down until the driver's face or required viewing area is clear and centered.
- **Step 4:** Secure the camera and cable. Verify the camera position using live video, if available. If live video is not available, take an SOS snapshot. If the steering wheel blocks the driver's face, raise or reposition the camera slightly.



Check Connection

Power Check: Turn the vehicle ignition to ACC ON. Confirm that the dashcam powers on and the LED turns white during initialization.

Network Check: The LED turns green while the dashcam connects to the TruckX platform. Confirm that the LED cycles through green, purple, and blue this indicates the camera is connected and functioning properly. If the light stays solid white or red, or does not turn on at all, contact support for installation assistance.

Recording and GPS Check: Confirm that the LED turns blue during recording and purple when the GPS signal is active.

Camera View Check: Log in to the TruckX platform and confirm both camera views are clear. Adjust the angle or cable connection if needed.

Alert Check: Confirm that the LED turns red when an alert is triggered.



Important: Footage Retrieval

The Dashcam can locally store up to 3 days of recordings. If the event has not already been identified and fully captured on the TruckX Fleet Management Portal, it is recommended to contact Customer Success Team as soon as possible within these 3 days after an accident or incident to retrieve the footage remotely and avoid potential loss. Alternatively, users can safely remove the SD card and transfer the local video footage to a laptop using an SD card reader.



All-In-One Fleet Management Platform

