



4-Channel AI Dashcam 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 4-Channel AI Dashcam. If you have any questions or need assistance at any point, reach out to our Customer Support Team anytime at [\(650\) 600-0008](tel:6506000008) or Support@TruckX.com.

You can check our installation video if necessary. [Click here](#)

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

Thank you again for your trust in TruckX!

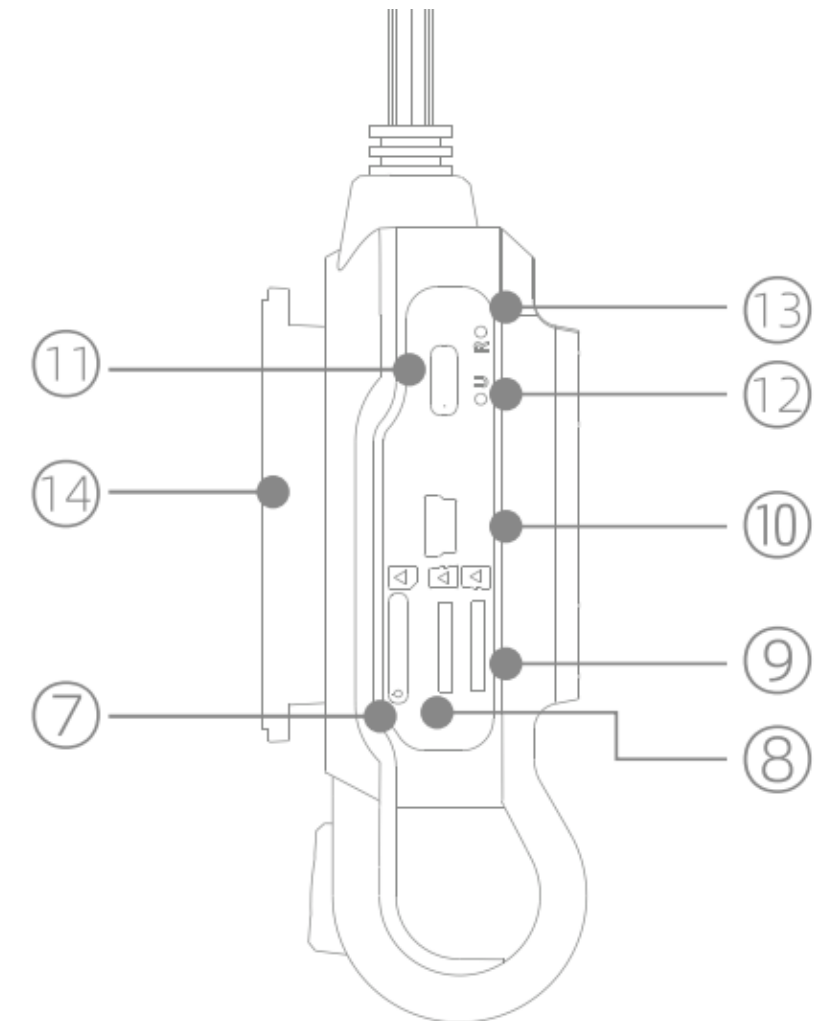
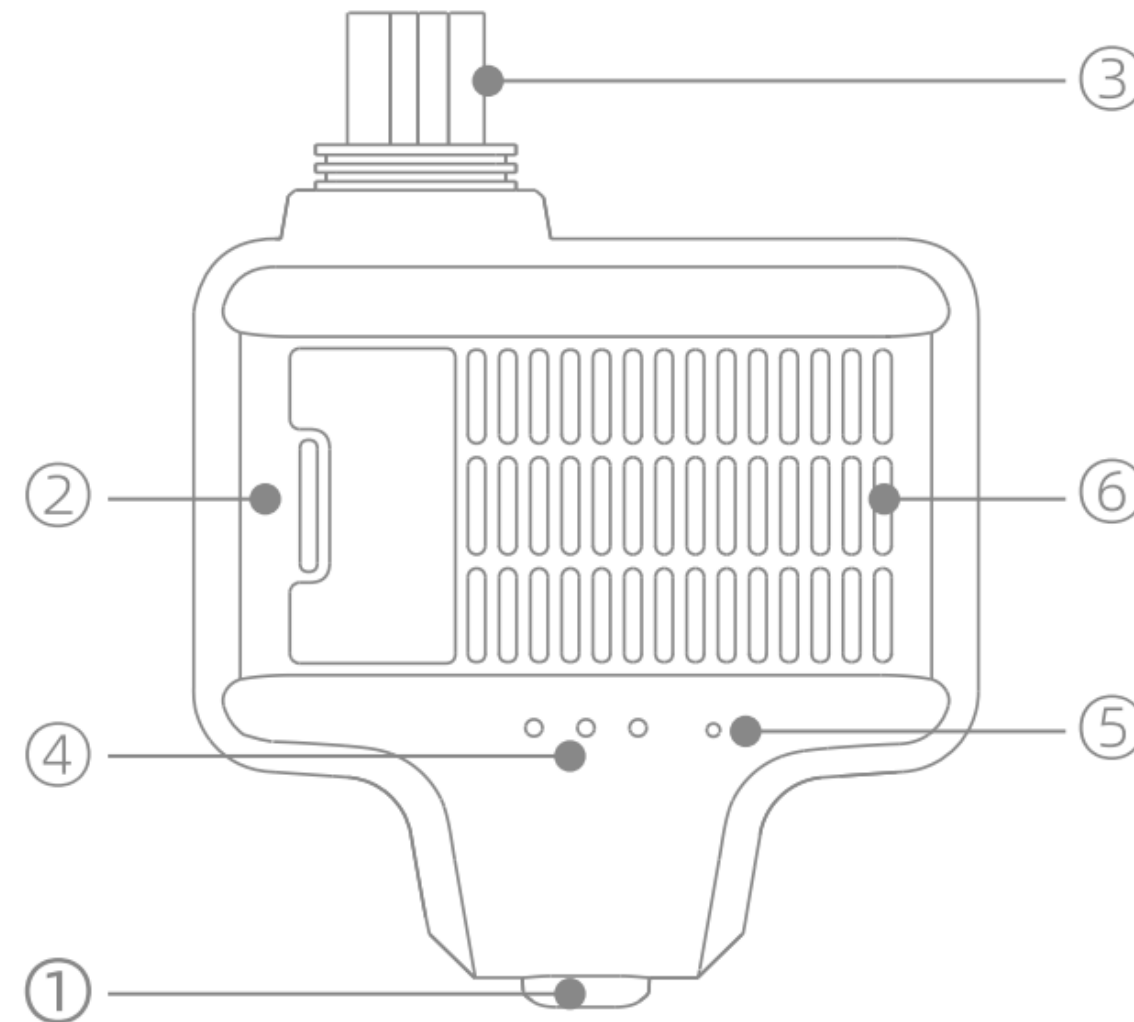


Index

- ① Product Design Blueprint
- ② Explanation of LED Indicators
- ③ Packaging List
- ④ Product Installation Notes
- ⑤ Product Specifications
- ⑥ Product Wiring Diagram
- ⑦ Setup Preview
- ⑧ Installation
- ⑨ Side-Camera Installation
- ⑩ Installation of Other Accessories
- ⑪ Check Connections
- ⑫ Adding a Dashcam to the FMS

Product Design Blueprint

- ① Road-Facing Camera
- ② Speaker
- ③ Wire Harness
- ④ Status Indicator
- ⑤ Microphone
- ⑥ Device Cooling Area
- ⑦ SIM-Card Slot
- ⑧ Memory Card Slot 1
- ⑨ Memory Card Slot 2
- ⑩ External Camera Interface
- ⑪ USB Port
- ⑫ Upgrade Operation Hole
- ⑬ Reset Hole
- ⑭ Mounting Support



Explanation of LED Indicators

All LEDs

- **Always ON:** DC is functioning correctly
- **OFF:** DC is in sleep mode

Red LED (Power Indicator)

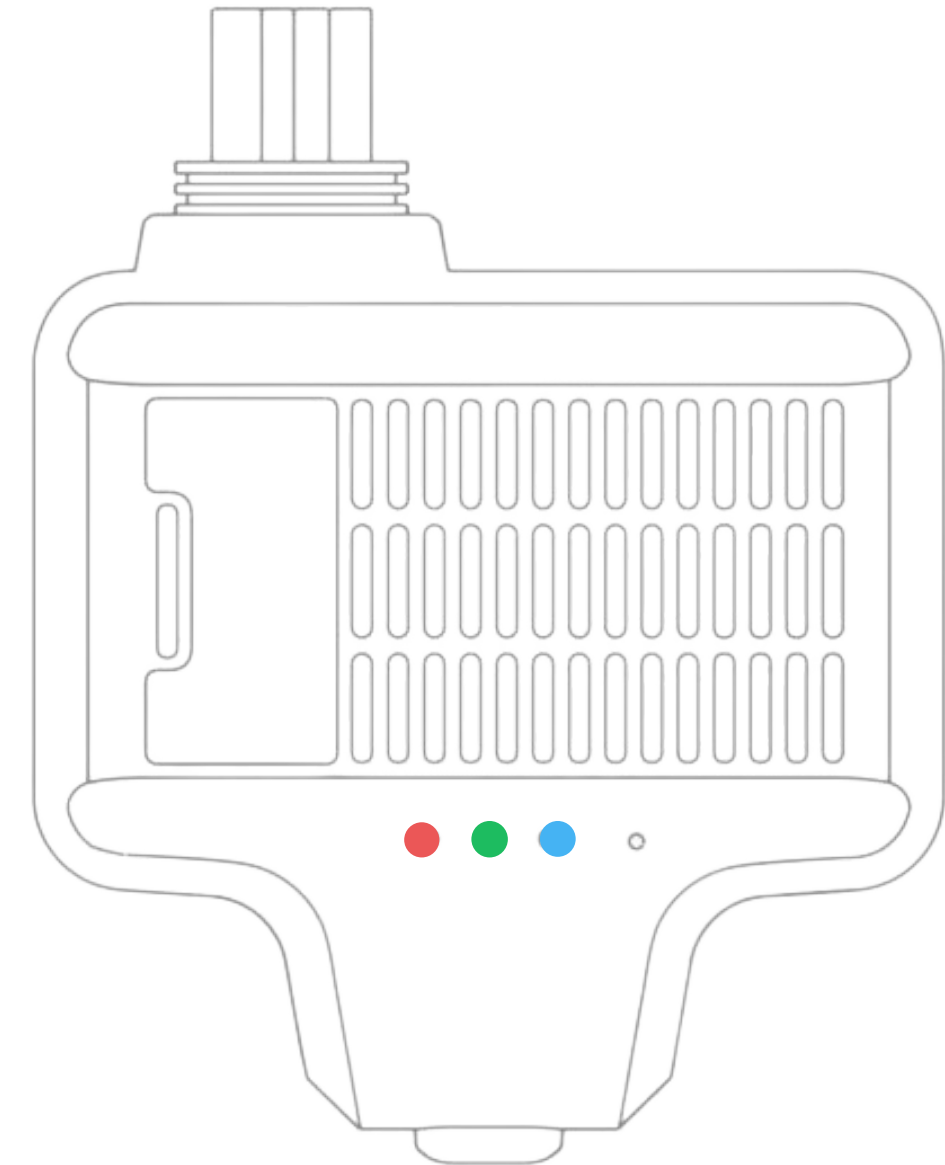
- **Always ON:** DC is correctly powered ON
- **Flashing:** DC is facing power ON issues or inconsistent supply
- **OFF:** DC is not receiving power

Green LED (GPS Signal Indicator)

- **Always ON:** DC has secured GPS signal, recording location data
- **Flashing:** DC is searching for a GPS signal
- **OFF:** DC is not receiving GPS signal

Blue LED (Internet Data Indicator)

- **Always ON:** DC is connected to the Internet, transmitting to TruckX Platform
- **Flashing:** DC is attempting to connect to the Internet
- **OFF:** DC is not receiving Internet connectivity



* DC - Dashcam

Packaging List

- Dashcam Base Unit
- Driver-Facing Camera
- 2 Side Cameras
- Manual Trigger (SOS Button)
- Power Cable
- Extension Cable for Manual Trigger
- Screws and Double Sided Tape
- Screws & Screwdriver
- Cable Clips
- Tools



* Driver-facing camera can be replaced with a third side camera on request

Product Installation Notes

- This product is not intended for use with battery electric or hybrid electric vehicles
- Ensure the use of manufacturer-specified accessories during installation
- The device requires a power supply of 9-30V. Always use the original power cable and connect the positive and negative cables correctly
- After installation, remove the protective film from the camera for optimal visual quality
- For installation and testing, consult TruckX Support Team, and follow the instructions provided
- Before mounting the device, please prepare the necessary accessories:
 - Insert the correct storage card into the device with proper orientation
 - Place the SIM card into the cardholder and insert it securely into the device
 - Prepare the camera for installation and position it appropriately as required

Product Specifications

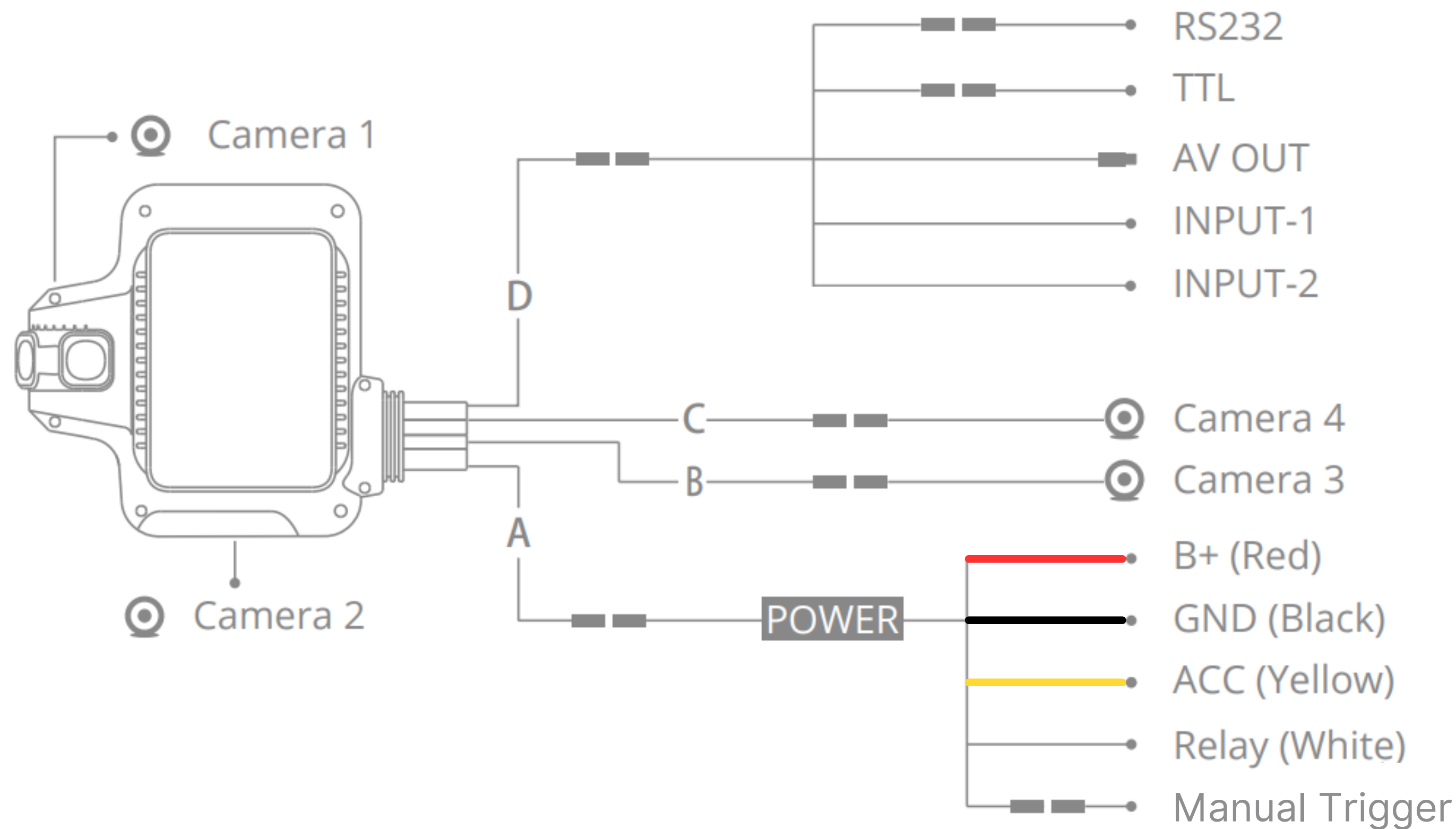
- Configuration: 6-core
- Camera: Supports up to 4 Channels
- Running Memory: 2 GB
- Positioning: GPS+BDS
- Built-in Storage: 8GB
- Microphone and Speaker: Built-in
- External Storage: Support Dual Memory Cards
- Mobile Network: 4G LTE
- Wireless Network: Wi-Fi 2.4G
- Size: 106 X 113 X 33 (mm)
- Key: External

- Weight : 323g
- Bluetooth: BT4.0
- Working Voltage: 9-30V
- Undervoltage Protection: 9V
- Working Temperature: -20°C — -70°C
- Overvoltage Protection: 36V
- Storage Temperature: -30°C — -85°C
- Reverse Connection Protection: Supported
- ESD Protection: Air ±14KV | Contact ±7KV
- Flame Retardant: UL94 V-0

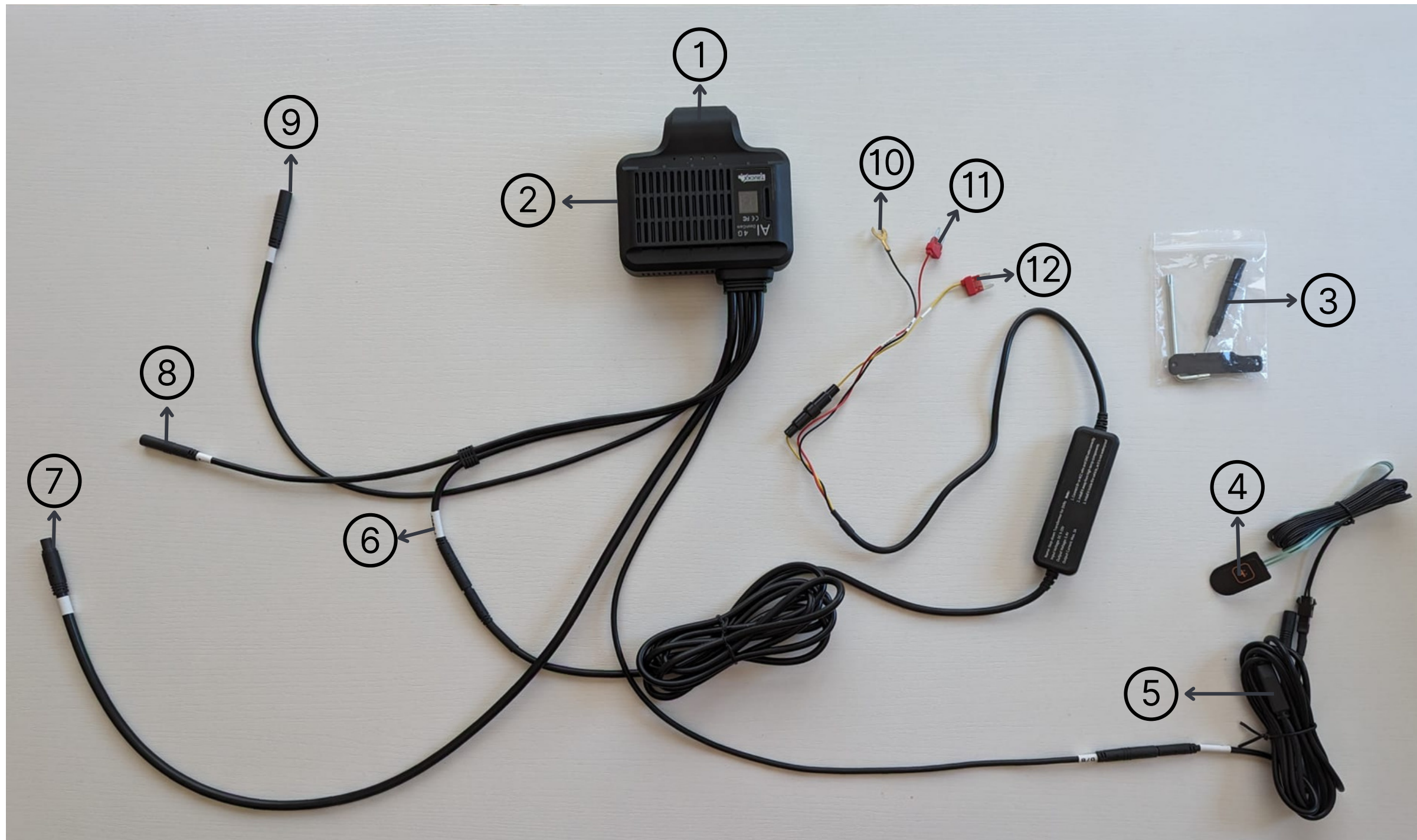
Product Wiring Explanation

- The description of all harnesses is shown on the next slide. Please check the procured accessories to connect and install them according to actual conditions
- A special extension cable may be added for the pull-out camera to enable remote installation
- Connect the black cable to a metal surface of the fuse box that is properly grounded
- Connect the yellow cable to the fuse box where power is available only when the ignition is on (connect to the accessory)

Product Wiring Diagram



Setup Preview

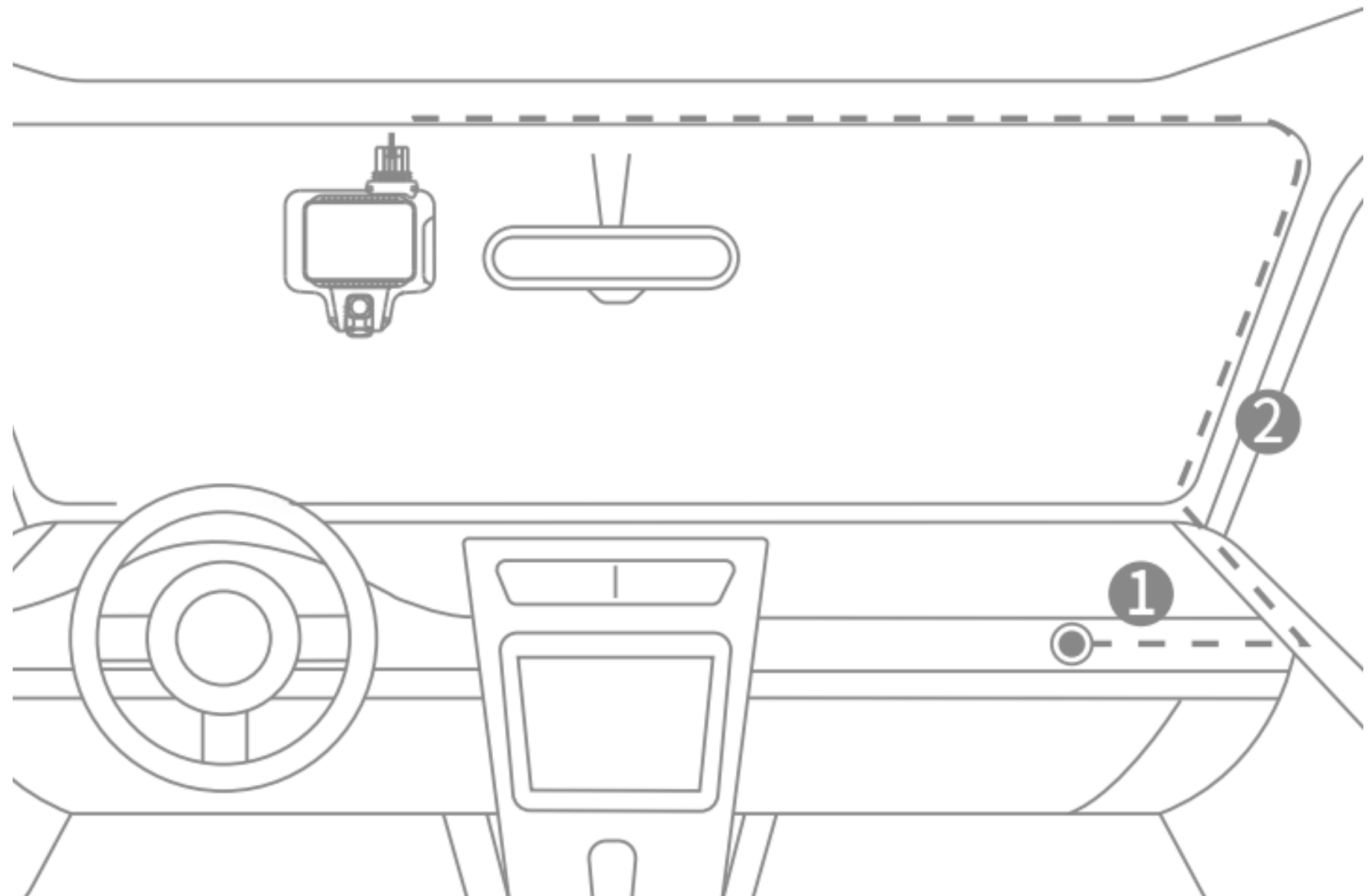


- ① Dashcam Base Unit
- ② Optional: Driver-Facing Camera would be added here
- ③ Screwdrivers and USB closing plate (if not using Driver-Facing Camera)
- ④ Manual Trigger (SOS Button)
- ⑤ Extension Cable for Manual trigger
- ⑥ Power plug for connecting to the power cable
- ⑦ ⑧ ⑨ Optional: Connectors for 2 Side cameras and Optional 3rd side cameras
- ⑩ ⑪ ⑫ Power Cable points to connect with your vehicle

Installation (1)

The device host is installed at the top-center of the vehicle's windshield by mounting the main unit and arranging the wiring.

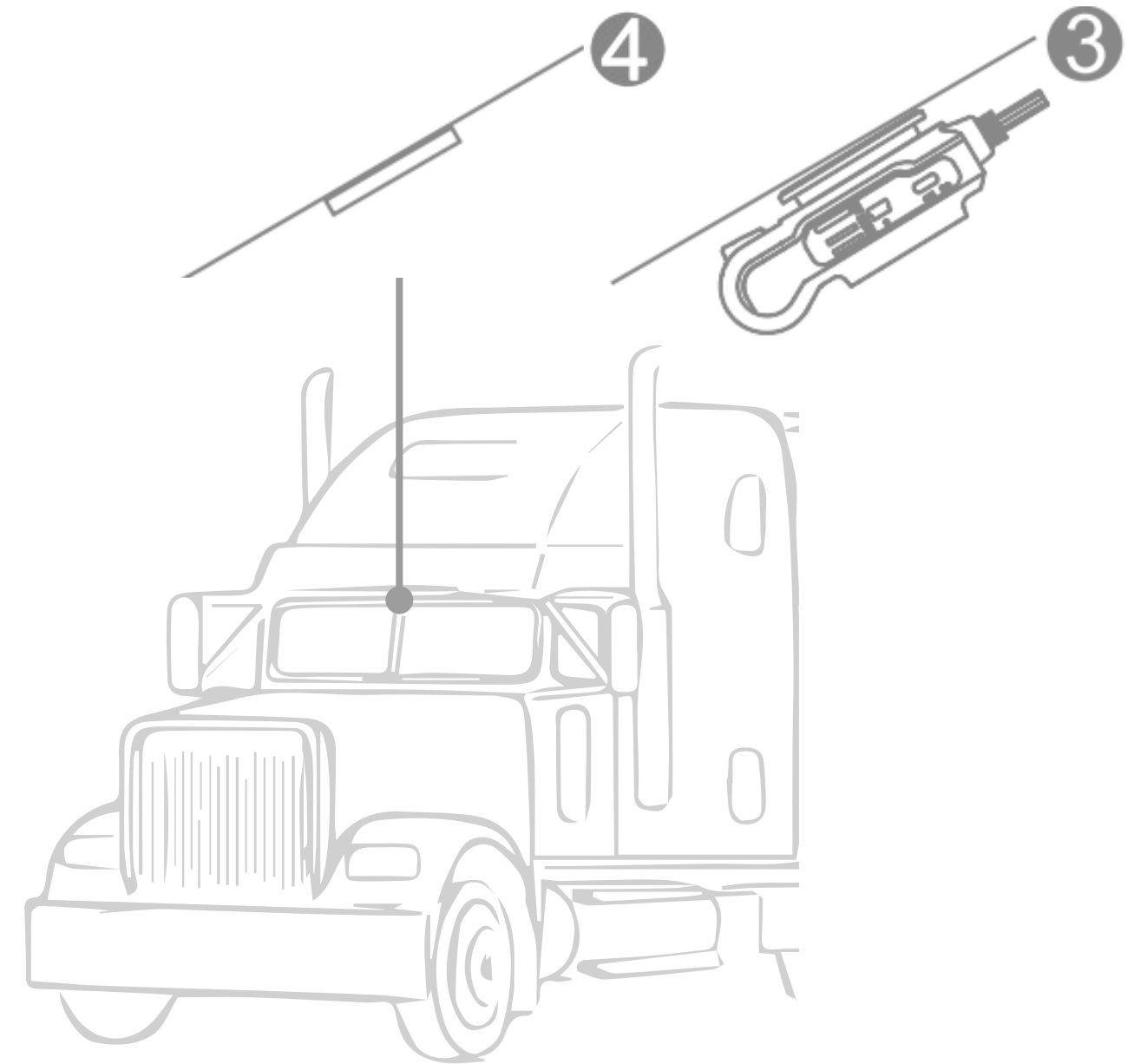
- **Step 1:** Connect the device's power cable to the vehicle's Fuse Box B+, ACC, and GND power sources. Refer to mark ① for specific locations
- **Step 2:** Route the power cable along the vehicle's A-pillar and secure it at the top-center of the front windshield. See the dotted line diagram marked as ② for guidance



Installation (2)

- **Step 3:** Connect the device to a power supply to start it. Attach the device to the mount base, remove the protective film from the 3M double-sided adhesive tape, and clean the chosen installation spot on the inside of the front windshield
- **Step 4:** View the live video from the road-facing camera and adjust its angle if needed. Once aligned, secure the device (with the mount base) to the installation spot as shown in mark ③ and fasten the cable to complete the setup

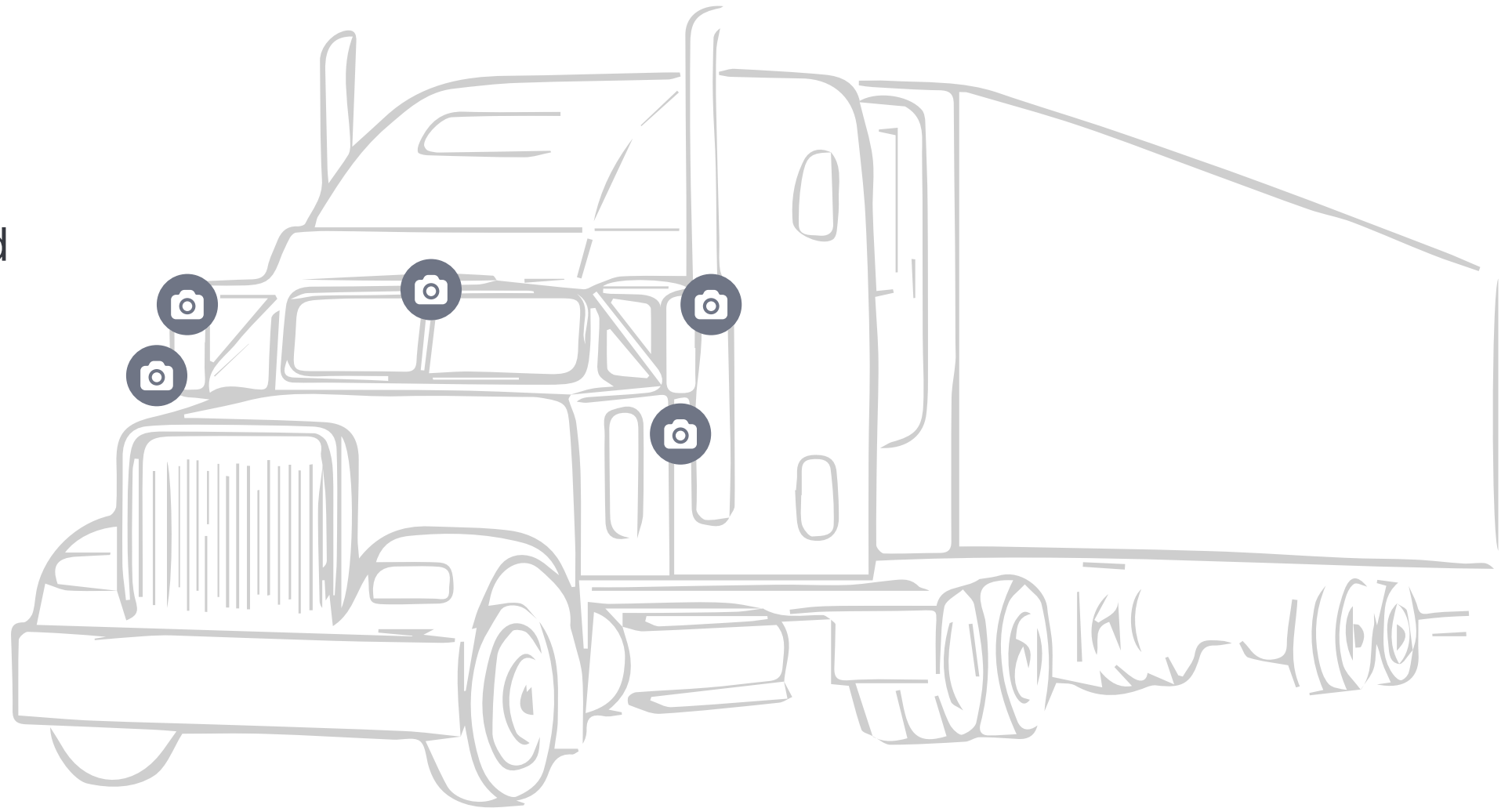
Note: It is recommended to leave the mount base on the windshield for at least two hours after attachment to ensure a firm grip and prevent it from coming off, as shown by mark ④



Side-Camera Installation

The TruckX 4-Channel Dashcam device supports a total of 4 camera channels. The driver-facing camera can be replaced with a 3rd side-camera (e.g.: to capture the top or back of the truck).

This custom configuration should be requested when placing the order, or users can reach out to the customer support team for assistance. The other cameras can be selected and installed based on the vehicle's specific needs, with installation positions chosen according to the application scenario.



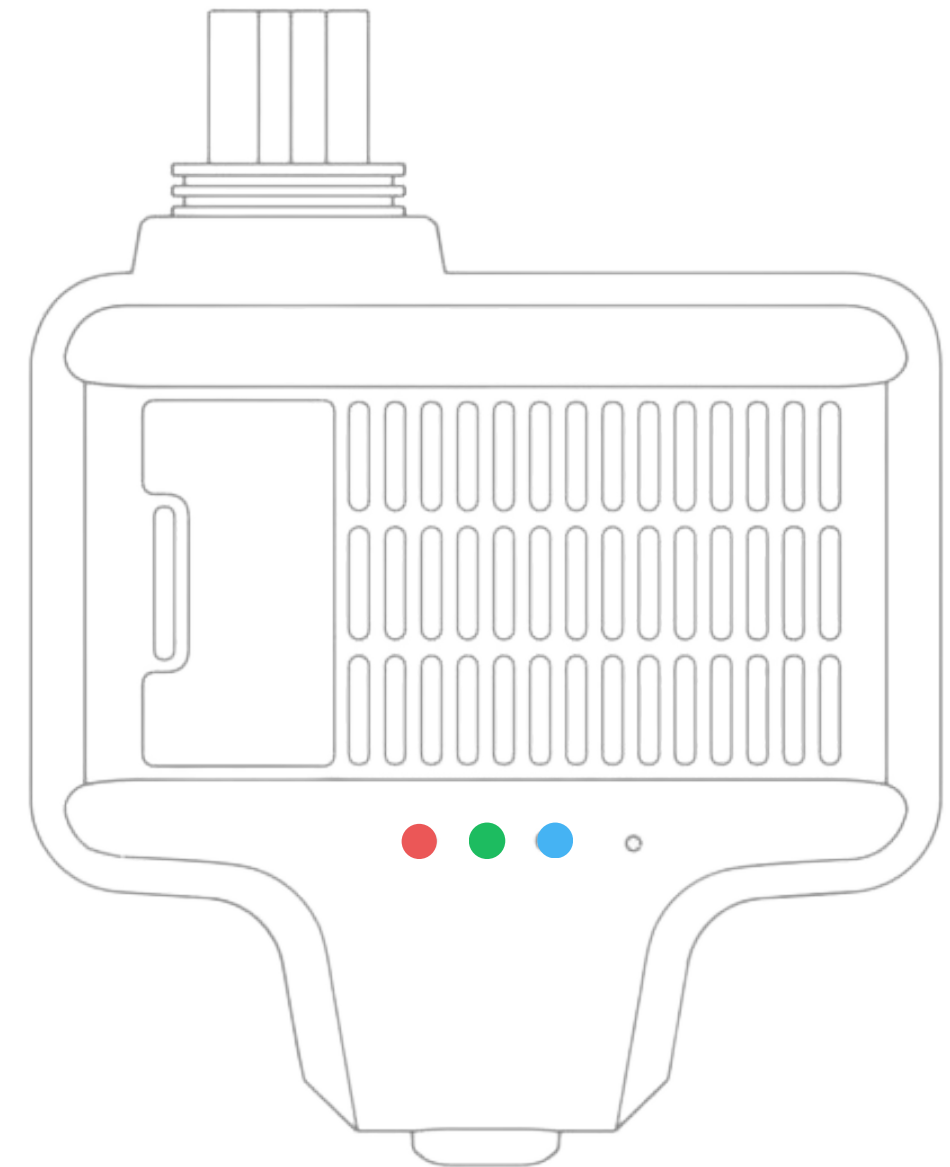
Check Connection

Power Installation Check: Turn the vehicle ignition to ACC ON and check if the red LED indicator lights up. If not, verify power connections, including the Dashcam cable, extension cable, and external power source. Ensure connectors are aligned and securely attached.

GPS Positioning Check: Turn the ignition to ACC ON and check the green LED indicator. It should flash while searching for a GPS signal. If it turns solid within 1 minute, GPS positioning is successful. If it keeps flashing, move to a better signal area or troubleshoot.

Data Communication Check: Turn the ignition to ACC ON and check the blue LED. It should flash while connecting, and turn solid once connected to the TruckX platform. If not, check the SIM card, and network coverage, or reconnect the device.

Camera Functionality Check: Log in to the TruckX Fleet Management Portal and check live footage. If it does not display, check the device installation status. Adjust the camera orientation if necessary.



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. Device Type
 - 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](#)

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

