SelectCam

DC10 AI-Powered 4G Dashcam - User Manual

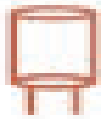
1. Product Introduction

The DC10 is a robust, 4G-connected, 3-channel AI dashcam engineered for freight fleets. It features a core AI-powered unit with an integrated forward-facing camera for recording and proactive risk identification, and supports up to two user-installable external AHD cameras. Key benefits include reliable video storage with dual-stream backup and supercapacitor protection, industrial-grade durability for an extended lifespan, and global 4G connectivity for real-time data and GPS tracking. The system provides forward risk identification alerts to mitigate accidents related to driver distraction or fatigue, with optional Driver Monitoring System (DMS) alerts available for in-cab detection of abnormal driving behavior.

2. Product Highlights

Proactive Fleet Safety: Cutting-edge AI (ADAS & DMS) actively alerts drivers to prevent accidents caused by distraction or

Hassle-Free Setup: Auto-calibration simplifies and speeds up installation.

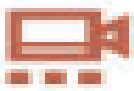


Unwavering Reliability: Dual supercapacitors ensure your critical video data is protected, even during sudden power loss.

Built to Last: Rugged, industrial-grade hardware guarantees a longer product lifespan, reducing downtime.

Global Real-Time Visibility: Reliable worldwide 4G (CAT4) connectivity provides instant access to data and precise GPS

Powerful AI Processing: A high-performance SoC with a dedicated 3.0 TOPS NPU drives advanced AI capabilities.



Crystal-Clear Multi-Channel Recording: Capture comprehensive views with up to three simultaneous 1080pHD video streams at

Ample & Secure Storage: Dual SD card slots support up to 512GB each for main and sub-stream video storage.

Sustained Peak Performance: An advanced cooling system efficiently dissipates heat, ensuring consistent high performance.

Smart Power Management: Conserves power in sleep mode

(after ACC off) while still allowing for remote location and

4.App Installation

You can download and install the app for free by searching for CamPerfect in the Google Play Store or the iOS App Store

5.App And Device Connection

1. After install the CamPerfect app, open the app and the homepage will show you how to connect to the device.

2. Click the Connect WiFi button, and you will be redirected to the phone settings page. Select the WiFi hotspot sent by the device in the phone WiFi settings . The WiFi name is the device model + device SN number.

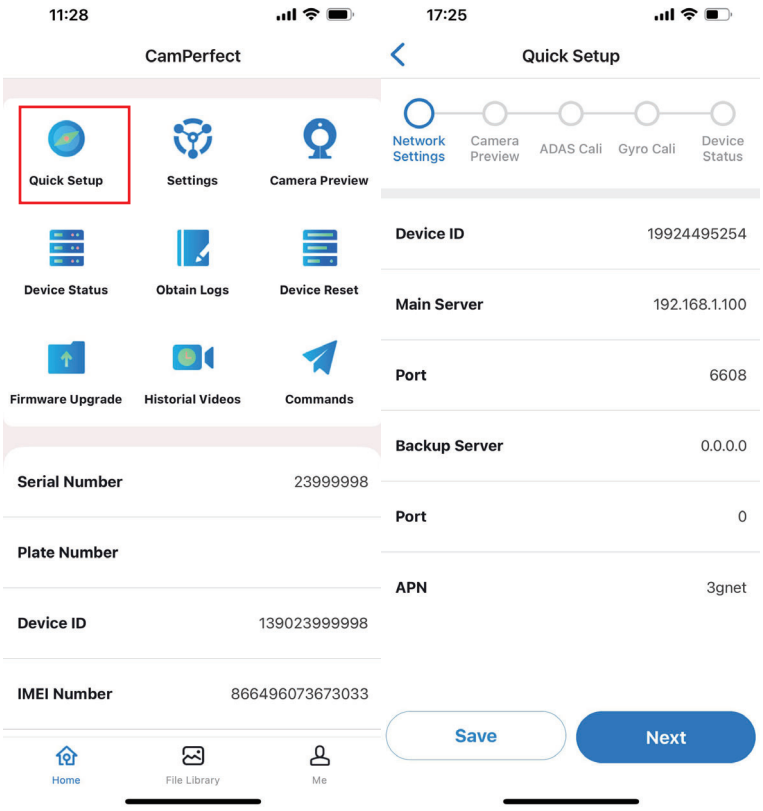
3. WiFi Password: The default WiFi connection password is 12345678

4. After connecting to WiFi , return to the CamPerfect app page. Click Connect WiFi again to enter the Home page of the app.

Note: If you cannot enter the Home page by clicking Connect to WiFi again after connecting to WiFi in the CamPerfect app , please try turning off the data service on your phone.

6.Essential Parameters For First-Time Installa-

When the device is being installed for the first time, you'll need to configure the server IP and port, APN settings, and ADAS calibration parameters such as vehicle dimensions. If the basic settings (like IP and port) have already been pre-configured by the supplier before shipment, you only need to input the vehicle width, camera installation height, and the lateral offset from the vehicle's centerline.



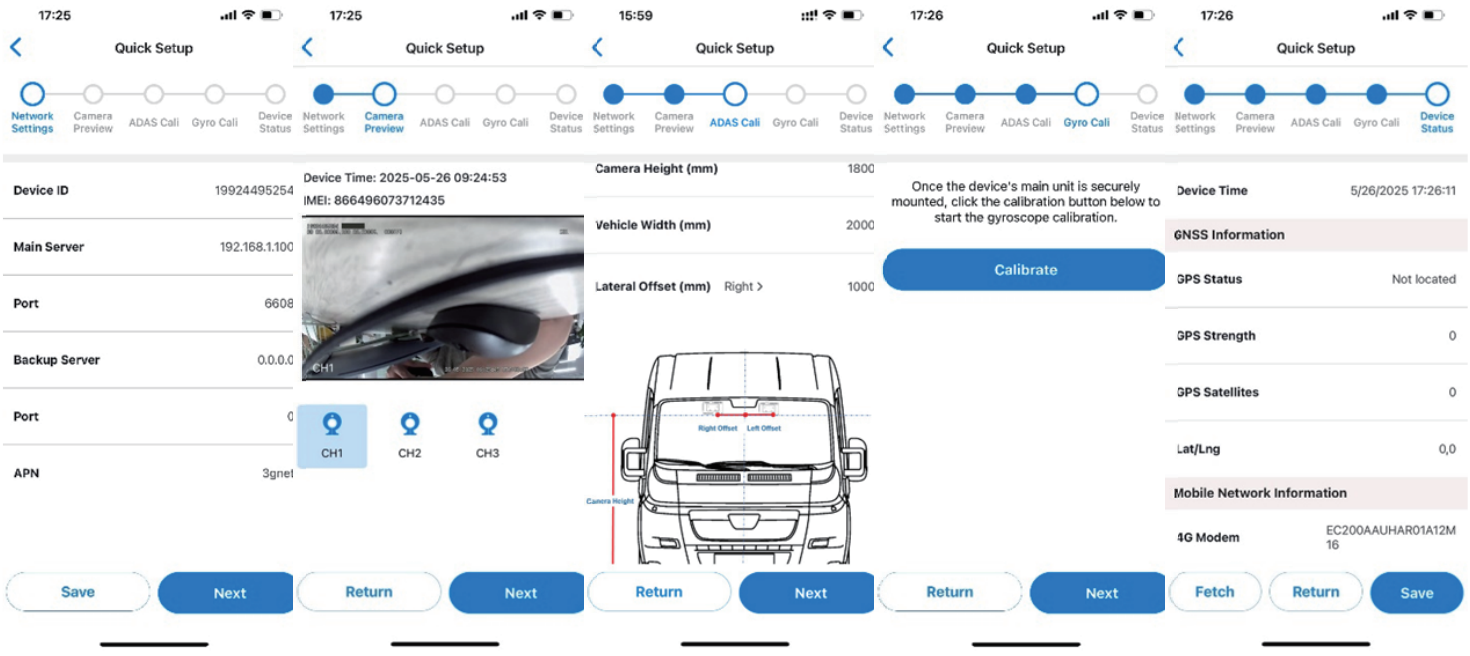
Note: Initial installation can be completed by using the Quick Setup feature. Simply follow the step-by-step instructions to complete the device configuration and installation.

7.Quick Setup

The Quick Setup feature is designed to streamline the installation process for technicians. By following the guided, step-by-step instructions, installers can rapidly complete the setup procedure.

Note: The Quick Setup feature is intended for use during initial installation only. After installation is complete, if you need to modify certain parameters, please use the Settings function to make adjustments

1. **Network Settings:** Configure the target server IP, port, and SIM card APN settings.
2. **Camera Preview:** Verify the camera image displays correctly.
3. **ADAS Cali:** To ensure accurate ADAS performance, enter the mandatory device installation parameters.
4. **Gyro Cali:** Calibrate the gyroscope's Z-axis while the vehicle is stationary.
5. **Device Status:** Check device status: GPS, 4G, recording, server connection, etc.



Supplementary Notes on Device Installation Parameters

- **Camera Height:** The height of the ADAS camera measured from the ground.
- **Vehicle Width:** The distance between the outermost points of the left and right tires.
- **Lateral Offset:** If the ADAS camera cannot be mounted exactly on the vehicle's centerline due to angle or obstruction, specify whether it is offset to the left or right, and provide the precise offset distance. This ensures accurate algorithm calibration.

FCC Warnning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection againstharmful interference in a residential installation. This equipment generates, uses and can radiateradio frequency energy and, if not installed and used in accordance with the instructions, maycause harmful interference to radio communications. However, there is no guarantee thatinterference will not occur in a particular installation. If this equipment does cause harmfulinterference to radio or television reception, which can be determined by turning the equipmentoff and on, the user is encouraged to try to correct the interference by one or more of thefollowing measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1)This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.