IntelliTrac
Imagine

Intellitrac Eagle Dash Cam K245 Installation & Test Manual

Changelog

Version	Date	By	Details
V 1.0	02-05-2023	Bernd Deitenbach	Initial Documentation
V1.1	20-07-2023	Dean Calapai	Updated documentation
V1.2	16-08-2024	Manish Dayananda Veena	Added QR Code, Technicians note, SD Cards Information, Windscreen Label and QR Code of Device ID

**TECHNICIANS
MUST CALL SUPPORT TO ACTIVATE
EAGLE AI DASHCAM
INSTALLER HOTLINE – 03 8456 0681**

**CAMERA WILL NOT START
RECORDING UNLESS INSTALLERS
CALL INTELLITRAC FOR
PROVISIONING.**

Contents

Introduction

The artificial intelligence (AI) dashcam has the following functions:

- Dashcam Recording Forward and Driver Video and Audio onto SD Card
- Detection of G Force events such as harsh braking, acceleration, cornering
- AI Detection of Speed Limit Signs, Stop Signs, Tailgating, Lane Departure & Frontal Collision
- AI Detection of Driver behavior such as
  - Distraction
  - Drowsiness
  - Phone Use

Important Notes Regarding Quality Assurance & Auditability

All installation technicians are required to use the Bizzow app by IntelliTrac to provide evidence of the following:

- Evidence of quality installation.
- Traceability of components used.
- The following photos must be uploaded to the Bizzow app for each installation. Photos must be clear and must show a zoomed out and zoomed in image.
  - Vehicle Registration Plate
  - Vehicle Vin Number
  - Vehicle Odometer (an hour meter in the case of plant and equipment)
  - Camera Serial Number Label
  - Location of installation of each component
  - Location of fuse taps (if installed in OEM fuse boxes)
  - Cable routing of each component (Zoomed in and out)

Please refer to the Bizzow App documentation and training video for more details.

A generic Bizzow training video is shown below.
https://www.youtube.com/watch?v=tROs0VAaLj0

When installation is complete, you MUST call Installer Hotline **(03) 8456 0681** (business hours) to provision the Eagle AI Dashcam otherwise It will not work.

1.0 Tools Required

1. Trim removal tools
2. Soldering iron
3. Flat head screwdriver
4. Philips head screwdriver
5. Side cutters
6. Wire stripper
7. Clip puller
8. Torque bits
9. Socket set
10. Test lamp

2.0 System Components Overview

This project requires the installation of the following telematics components:

- 1x AI Eagle AI Dash Cam
- 1x Micro SD Card
- 1 x Power Harness
- 1 x rear base plate
- 1 x I/O cover
- Fuse taps to suit specific make and models of vehicles (where applicable & as required)

Eagle Dash Cam	power harness
Rear Base Plate	**I/O Cap**
Kingston Canvas Go Plus MicroSDXC Memory Card – 128GB/256GB UHS-I - Class 10 - U3 - V30 - A2	Link to 128GB SD Card Link to 256GB SD Card

3.0 Mounting Instructions

3.1 Location

- Find a suitable mounting location for the AI Camera. Keep in mind that the forward-facing camera should have a clear view of the road, and the driver camera should not be obstructed by the rear-view mirror or any hanging object within the vehicle
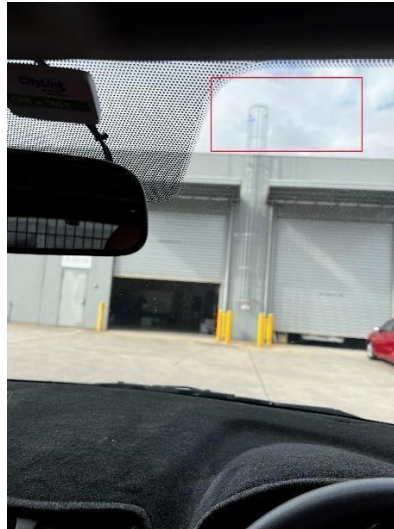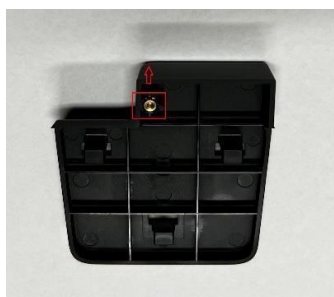

3.2 Cleaning

- Once a mounting location is found, use the "Technical Cleaning Wipe" provided in the kit to clean the windshield of any contaminates.

3.3 Base Plate

- Stick the base plate on the windscreen of the vehicle by removing the white 3M tape cover.
- Make sure to install the base plate with the copper nut at the top.

3.4 SIM SD and Power connection

- Insert the Micro SD Card and Sim into the unit followed by connecting the Power harness to the AI Camera.
  (Note: these are generally installed by head office during the testing and configuration stage prior to handover to field technicians)


3.5 I/O cap

- Slide the Camera onto the bracket to lock it in place.
- Install the I/O cap and tighten the screw.

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3.6 Cable Routing

- Run the power harness along the top of the roof line and down the "A" pillar towards the fuse box.
  NOTE: Most cars are installed with curtain airbags. Be sure to go over the top of the airbag and not underneath so that the harness does not obstruct the deployment of the airbag.
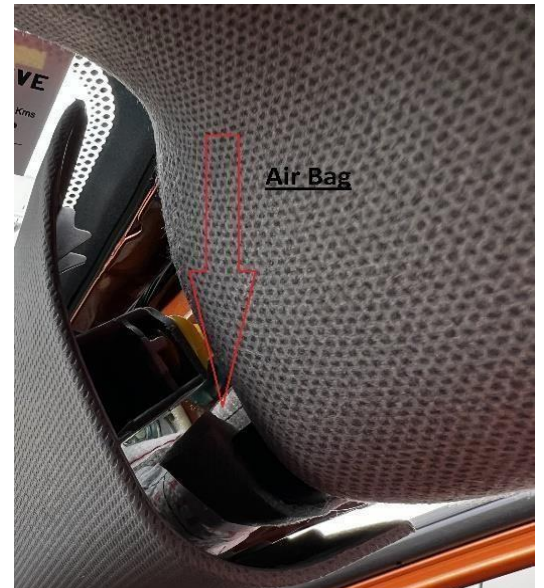
3.7 Fuse Box Connection

- Route the power harness to the fuse box and use the fuse taps, source Power 12/24V (Yellow) and ignition (Red). Ground can be sourced from the body of the vehicle or a grounding nut (Black Wire)
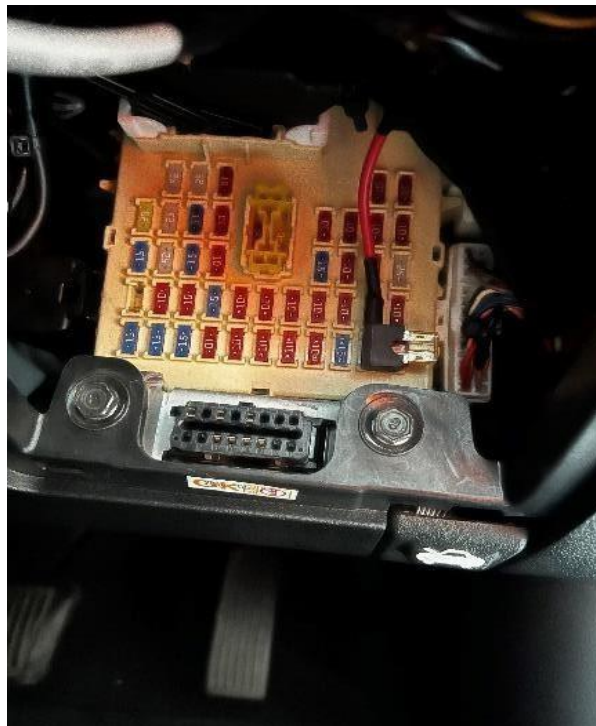
4.0 Camera Configuration and Adjustments

4.1 Download Ride View Companion App

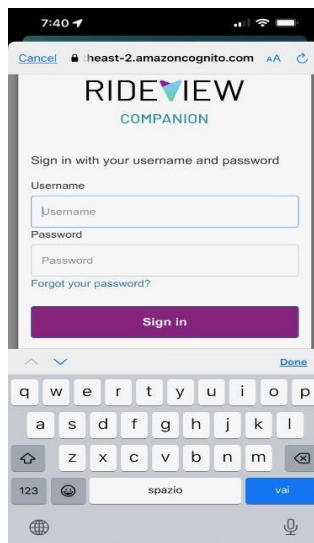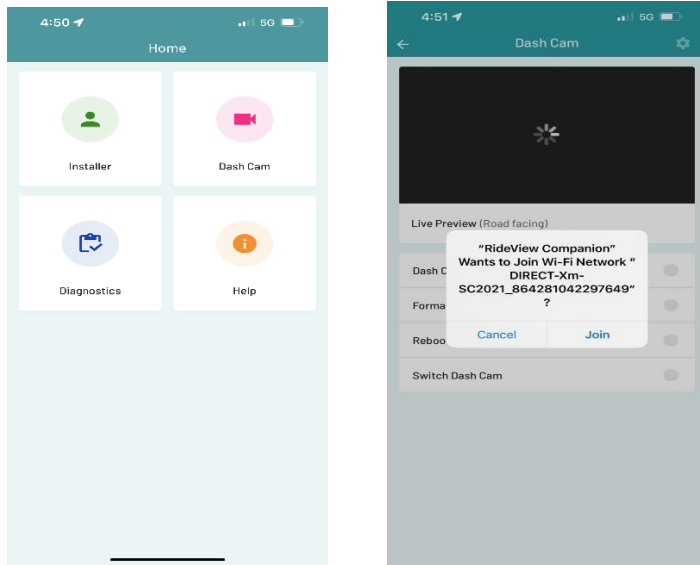|	
Android	**iOS**

[Link]   [Link]

- Ensure you are provided al log in by IntelliTrac Support
- Open App – Select Australia
- Enter your username and password
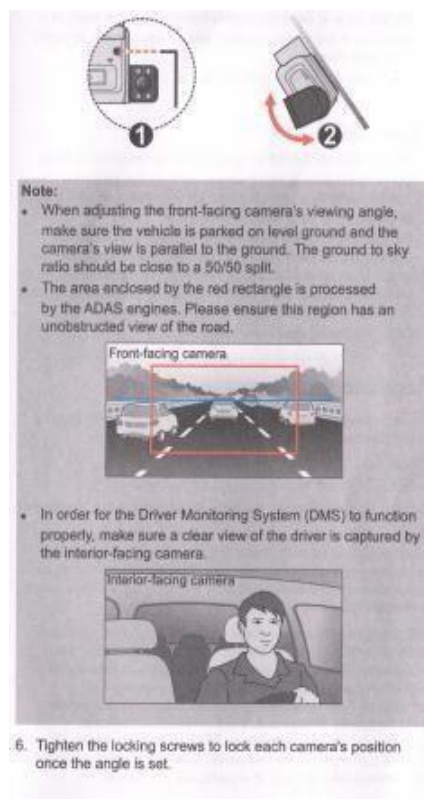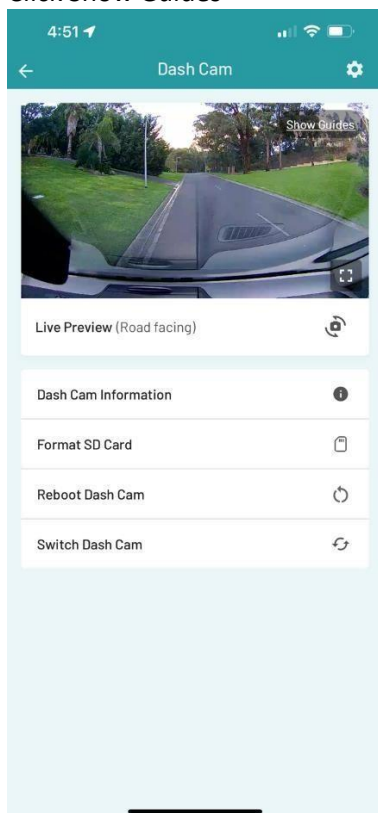
4.2 Configure Your App
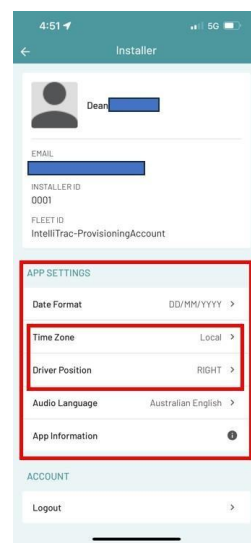
4.3 Connect to Dash Cam via Wi-Fi

Click on Dash Cam icon – Connect to Dash Cam

4.4 Adjust Front Dash Cam
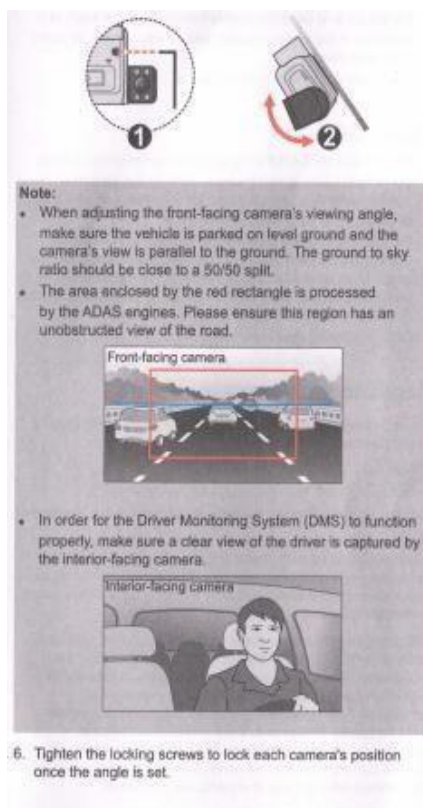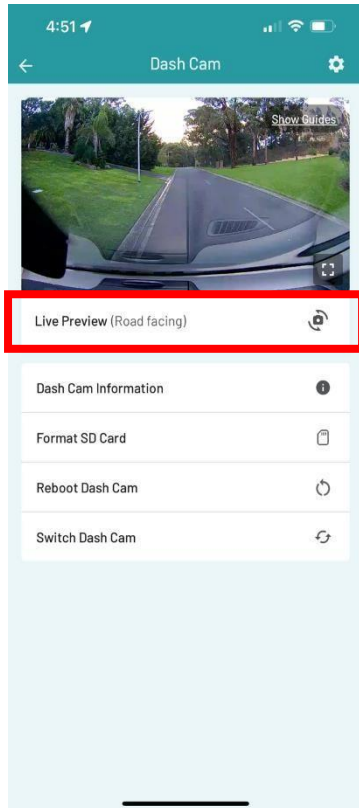
Click Show Guides

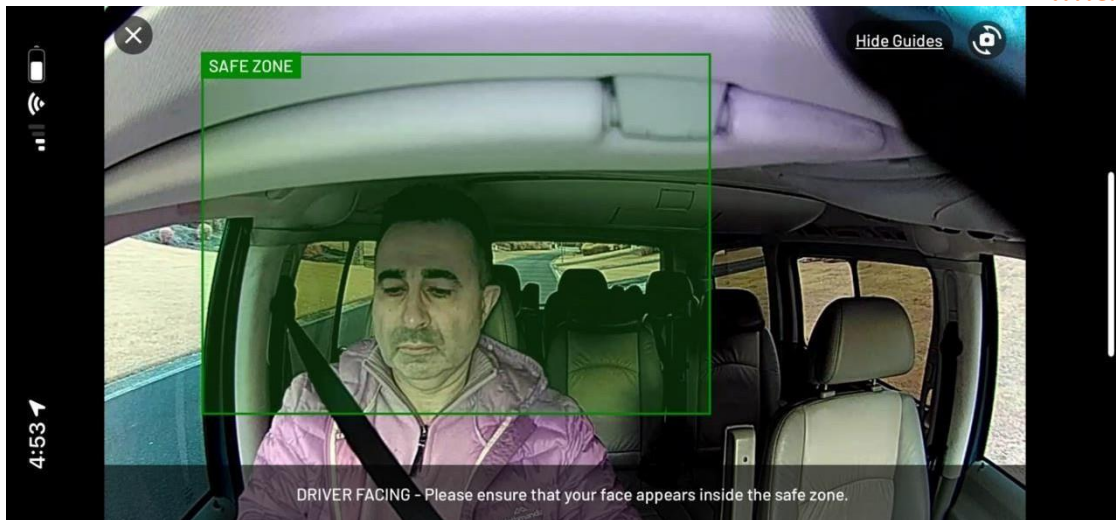Adjust Camera Safe Zone and Green Horizon Line

4.5 Adjust Driver Dash Cam

Select Driver Camera in the Live Preview Menu

Then once the driver camera displays click "Show Guides"

Adjust Camera Safe Zone to include the driver

5.0 Must Call IntelliTrac Support to Activate Dashcam

- When installation is complete, you MUST call Installer Hotline **(03) 8456 0681** (business hours) to provision the Eagle AI Dashcam otherwise It will not work.

- Confirm over the air footage.

5.1 Include Windscreen Labels and QR Code of Device ID

- Please Include x2 Windscreen Labels - one to be affixed to Windscreen top right-hand corner and others in glovebox.

- Please Include x2 QR code stickers of Device ID - one to be affixed to Windscreen top right-hand corner and others in glovebox.