

QUICK START GUIDE

VIA Mobile360 D700 EVK

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Revision History

Version	Date	Remarks
1.07	03/11/2020	Updated Guide FCW sensitivity level descriptions
1.06	26/10/2020	Updated Guide to match VIA Fleet Cloud Management Portal v1.1.2
1.05	16/09/2020	Added note for Wi-Fi band support for Japanese versions of the VIA Mobile360 D700
1.04	31/08/2020	Update VFW.bin file name
1.03	15/07/2020	Update Face ID, Parking Alerts and Driver Alerts
1.02	18/05/2020	Update AI features and 2-way call settings description
1.01	17/04/2020	Update "Alert Recording Duration" setting description
1.00	31/03/2020	Initial release



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1. VIA Mobile360 D700 Introduction

This Quick Start Guide provides instructions on how to boot from the Linux EVK system image on the VIA Mobile360 D700 AI Dash Cam system and configure the supported hardware functions in the build.

1.1 EVK Package Content

There are two folders in the package listed as below.

Document folder	Description				
VIA_Mobile360_D700_EVK_Quick_Start_Guide.pdf	Quick Start Guide				
VIA_Software_License_Agreement.txt	VIA Software License Agreement				
Firmware folder	Description				
VIA_Mobile360_D700_EVK_firmware.zip	Linux EVK system image				

1.1.1 Document Folder Content

VIA_Mobile360_D700_EVK_Quick_Start_Guide.pdf: This document provides instructions on how to boot from the Linux EVK system image on the VIA Mobile360 D700 AI Dash Cam system and configure the supported hardware functions in the build including connecting with the VIA Fleet Cloud Management Portal.

VIA_Software_License_Agreement.txt: Receiving this package indicates your acceptance of the terms detailed in the VIA Software License Agreement. If you do not agree with any of the terms and conditions do not continue to use the software included.

1.1.2 Firmware Folder Content

VIA_Mobile360_D700_EVK_firmware.zip: This VIA_Mobile360_D700_EVK_firmware.zip file includes the EVK firmware VFW.bin file, the MCU processor MCU.bin file and the upgrade configuration ota_config.ini file. These files are required to be installed on the VIA Mobile360 D700 device to evaluate the device.

2. Upgrade Firmware Using SD Card

To upgrade the firmware using a MicroSD card, please follow the steps listed below:

- 1. Format the MicroSD Card using the exFAT file system, then extract and copy the VFW.bin, MCU.bin and ota_config.ini files from the VIA_Mobile360_D700_EVK_ firmware.zip file to the MicroSD Card. Insert the MicroSD Card into the MicroSD slot of the VIA Mobile360 D700 AI Dash Cam.
- 2. Once powered on, the VIA Mobile360 D700 AI Dash Cam will automatically start upgrading the system and MCU firmware.

Note: During the upgrade process, the Red LED will flash twice per second, the Yellow LED will be off, and the Green LED will remain on.



3. When the upgrade process is completed, the system will automatically restart. While the system is booting the red, yellow, and green LEDs will flash once per second.



4. Once the system boot has completed, the status LEDs will change according to the recording status of the VIA Mobile360 D700 AI Dash Cam. This also indicates that the firmware upgrade process has completed.



2.1 LED Status

<u></u>

The VIA Mobile360 D700 comes with three LED indicators located on the rear panel to show system status for various situations. The LED indicator states are shown in the image below.



- Device Boot Up All three LEDs flashing at 1Hz
- Recording Solid green LED
- SD Error Red and yellow LEDs flashing at 1Hz
- Hotspot Startup Yellow LED flashing at 1Hz and solid green LED
- Recording Error Solid red and yellow LEDs
- Mic Error Red LED flashing at 1Hz and solid green LED
- Mobile Network Startup Red LED flashing at 10Hz and solid green LED
- Firmware Upgrading Red LED flashing at 2Hz and solid green LED
- Sensor/GPS Error Red and yellow LEDs flashing at 1Hz and solid green LED
- MCU Upgrading Solid red LED and green LED flashing at 2Hz

3. VIA Fleet Cloud Management Portal

VIA Fleet Cloud Management Portal is VIA's web-based application built on AWS IoT Core and AWS KVS, which allows customers to quickly evaluate VIA Mobile360 D700 AI Dash Cams. Each sample device comes with a 30-day trial period of the VIA Fleet Cloud Management for customers to evaluate the VIA Mobile360 D700 including real-time tracking, collision alerts with video upload, trip history and fleet statistics. Also included is 50 hours of live streaming with Amazon KVS.

3.1 System Prerequisites

Hardware Prerequisites

- 1) PC or Notepad with a screen resolution of 1366 x 768px or above
- 2) VIA Mobile360 D700 device

Software Prerequisites

- 1) Windows/Linux/Mac OS
- 2) Supported browsers:
 - Firefox 21 and above
 - Chrome 23 and above
 - Edge 12 and above
 - Safari 6.1 and above

3.2 VIA Fleet Login and Overview

3.2.1 Login

To access the test environment of the VIA Fleet Cloud Management Portal, enter the following URL into a browser: mobile360.viatech.com

To login, input the provided username and password in the corresponding fields and click "Sign In".

Scan the corresponding QR code on the login screen to download the mobile phone apps for Android and iOS.







• Time Zone - The UTC time zone for the VIA Fleet Cloud Management portal is shown at the bottom of the main menu.

The menu can be expanded or collapsed by clicking on the hamburger menu in the top bar.



3.3 Setting Up the Test Environment

To evaluate the VIA Mobile360 D700 platform with AWS IoT Core and KVS features, the device must first be registered to the VIA Fleet Cloud Management Portal. The chart below illustrates the required steps to setup the test environment.



3.3.1 VIA Fleet Vehicle Registration

Follow these steps to register a new vehicle in the VIA Fleet Cloud Management Portal.

- 1. From the left-hand menu select "Management -> Vehicles".
- 2. On the "Vehicles" management page select "Add Fleet" in the top bar of the page to create a new fleet group.



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3 Trip History				2		No unas	signed vehicle				
🔑 Management 🗠			14 M Co.								
▶ Vehiclés		-1									
Drivers											

- 3. Fill in the required information including:
 - Fleet Name Unique name for a group of vehicles.
 - Description A short description for the group.
 - Color Select a unique color to identify the group in the VIA Fleet Cloud Management Portal.

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Vehicles			
Drivers	4 Save Cancel	#FF0000 · Clear: OK	

4. Click "Save" to add the new fleet group.



5. After clicking "Save" the program will return to the "Management -> Vehicles" page. From the top menu bar select "Add Vehicle" to register a new vehicle to the new fleet group created.

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P	Management A			No unassigned vehicle								
•	Vehicles											

Drivers

- 6. Fill in the information for the new vehicle including:
 - Vehicle Name Used to identify the vehicle throughout the VIA Fleet Cloud Management Portal.
 - Plate Number The license plate number of the vehicle the VIA Mobile360 D700 device is installed in.
 - Fleet Select the "Fleet" created in step 3.
 - Model Car model (not mandatory).
 - Fuel Tank Capacity Required to calculate total fuel and idle time fuel consumption for each trip. Refer to the owner's manual of the vehicle the VIA Mobile360 D700 device is installed in.
 - Fuel Type Fuel octane grade required by vehicle (not mandatory).
 - Vehicle Weight There are three default ranges to choose from "Under 1.8T", "1.8T-3.5T" or "Over 3.5T" (Metric units shown) which help increase the accuracy of the g-sensor sensitivity for collision alerts, driver score and fuel tank consumption.
 - Displacement The engine displacement value is required to calculate idle time fuel consumption. Refer to the owner's manual of the vehicle the VIA Mobile360 D700 device is installed in.
 - Vehicle License Image of the vehicle registration document (not mandatory).
 - Permitted Drivers Drivers must be created before adding permitted drivers for the vehicle.
 - Al Features
 - Vehicle Height: Enter the height of the vehicle.



- Distance from Camera to Roof: The distance from the camera lens to the roof of the vehicle.
- Driver Side: Select which side the steering wheel is on in the car, left or right.
- Vehicle Width: Enter the width of the vehicle.
- Hood Length: Enter the length of the vehicle's hood.



🛇 Note:

The "Vehicle Height", "Distance from Camera to Roof", "Driver Side", "Vehicle Width" and "Hood Length" fields are required for the LDW, FCW and DMS features to work correctly. This provides the camera installation height value. This information can be added later when doing the calibration process with the VIA Mobile360 app.

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Vehicles											
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		AI Features									
		Vehicle Height	168.5 cm	Distance fro	om Camera to Roof 30.0	cm	Driver's Seat Left	×]			
		Vehicle Width	182.0 cm	Hood Lengt	h 155.0	cm					
15:39:31		Save	Cancel								



- 7. Click "Save" to register the vehicle.
- 8. After clicking "Save" the program will return to the "Management -> Vehicles" page. Click on the Fleet name and it will expand to show the vehicle has been added to the fleet.

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-g Trip History		Service Vehicles	100 120	0	0				
🔑 Management 🧄		Vehicle Name 🕇	Plate Number 🗢	Vehicle Model 🗢	Registered 	Permitted Drivers 🗢	Trial Time (Days) \$	KVS Time (H:M:S) ≎	
Vehicles					No ur	assigned vehicle			
Drivers									

3.3.2 VIA Mobile360 D700 Device Registration

Before registering a VIA Mobile360 D700 device to the vehicle created in the section above, install the device in the vehicle. It is recommended to use the OBD II and ACC connector to be able to get all vehicle and trip information. A 4G SIM card is also required to be installed. Refer the VIA Mobile360 D700 User Manual for complete instructions.

After installation is complete, follow the steps below to register the VIA Mobile360 D700 to the VIA Fleet Cloud Management Portal.

1. Scan the appropriate QR code below to download the VIA Mobile360 app from either the Google Play Store for Android devices or the App Store for iOS devices.







2. After installation is complete, launch the app.



- 3. Select "Me" from the bottom row of icons in the app.
- 4. Select "VIA Fleet Login".
- 5. Input the same Username and Password provided for the VIA Fleet Cloud Management Portal to login and click "OK".
- 6. Select "Vehicle Binding" to display the list of all vehicles created in your VIA Fleet Cloud Management account.





- 7. Start the vehicle to power on the VIA Mobile360 D700 device. After the device finishes booting there will be a short beep followed by the notification "Scan register QR code." After the audio notification, there is a 60 second window to scan the QR code from the app.
- 8. In the app, click on the vehicle in the list to generate a QR code that is used to bind the device.
- 9. Place the QR code in front of the interior camera lens of the VIA Mobile360 D700.
- 10. Once the device has scanned the QR code the device will play the audio confirmation, "Scan Successful".
- 11. Click "OK" on the pop-up notification to return to the vehicle list where it will show "registered" beside the vehicle name.



Note:

If the QR code is not successfully scanned within the 60 seconds timeframe, the device will play the audio notification "Registration Failed". If this occurs, reboot the device and start over.

12. Log back into the VIA Fleet Cloud Management Portal and go to "Management -> Vehicles". Click on the Fleet in the list and select the vehicle which was registered. There will be three new sections added to the vehicle information page.



Device Information - Displays information about the device bound to the vehicle:

- Device Model The model of the device bound to the vehicle, VIA Mobile360 D700.
- Registration A green checkmark indicates that the vehicle has a device bound with it. To unregister the device, click on the "Unregister" button displayed.
- SIM Card Displays the SIM card number installed in the VIA Mobile360 D700.

Al Features - Displays the available Al features and calibration status.

- LDW Lane Departure Warning
- FCW Forward Collision Warning
- DMS Driver Monitoring System
- ADAS Calibration Shows whether the ADAS calibration process has been completed.
- DMS Calibration Shows whether the DMS calibration process has been completed.

Note:

In order to enable the AI features, the calibration process for ADAS and DMS must be completed. See section 3.3.3

Trial Period Information - Displays information regarding the device's trial feature period

- Trial Time Shows the number of days remaining to test the device with the VIA Fleet Cloud Management Portal.
- KVS Time Shows the number KVS live streaming hours remain.



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Ð	Trip History		Vehicle Weight	Under 1.8 T	[Displacement	1.5L				
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		ſ	Al Features								
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			Vehicle Width	182.0 cm	ŀ	Hood Length	155.0 cm				
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Note:

To register more devices, repeat the steps in sections 3.3.1 and 3.3.2.



3.3.3 Enabling AI Features

The VIA Mobile360 D700 supports configurable AI features including LDW (Lane Departure Warning), FCW (Forward Collision Warning) and DMS (Driver Monitoring System) warnings to assist drivers with real-time safety notifications and for fleet owners to gain deeper insights into driver behaviors and overall fleet safety measures.

Note:

FCW and DMS cannot be enabled at the same time due to device performance limitations.

The table below provides an overview of the available AI features, requirements to trigger alerts as well as how the stats are incorporated into the driver score metric and trip data.

AI Feature	Alarm Trigger	Alarm Sound	Driver Score	Trip Stats
LDW	Speed > 60km/h	Warning	×	\checkmark
FCW - Warning	Low: 0.8s > Time to Collision > 0.4s Medium: 1.0s > Time to Collision > 0.6s High: 1.2s > Time to Collision > 0.8s	Warning	×	×
FCW - Critical	Low: Time to Collision < 0.4s Medium: Time to Collision < 0.6s High: Time to Collision < 0.8s	Critical	\checkmark	\checkmark
Distracted Driving	Speed > 0km/h	Warning	×	\checkmark
Driver Fatigue	Speed > 0km/h	Critical	\checkmark	\checkmark
Phone Usage	Speed > 0km/h	Critical	\checkmark	\checkmark
Smoking	Speed > 0km/h	Warning	\checkmark	\checkmark

Each event will play an audio alert identify the type of notification to the driver.

- LDW "Watch your lane"
- FCW Warning "Too close"
- FCW Critical Repeated audio alert beep

- Distracted Driver "Pay attention"
- Driver Fatigue "Pay attention"
- Phone Usage "Stop using your phone"
- Smoking "Stop Smoking"

Before an AI feature can be enabled for a device in the VIA Fleet Cloud Management Portal, the corresponding calibration process must be completed through the VIA Mobile360 App.



- ADAS Calibration Calibrates the device to ensure accurate detection of LDW and FCW event detections.
- DMS Calibration Ensures proper camera position for accurate DMS event detections.

3.3.3.1 Installation with AI Features

To increase the accuracy of the FCW and LDW detection results the installation guidelines below should be followed.

- The VIA Mobile360 D700 should be installed in the center of the windshield with a tolerance of +/- 10cm to either side.
- The installation height should be between 1.3m ~ 2.0m from the ground.
- The front camera lens should not be obstructed by the windshield wipers of the vehicle.
- It is recommended to connect the VIA Mobile360 D700 to the OBD II port in the vehicle to be able to get the real vehicle speed. This is a critical input to determine the TTC (Time to Collision) for the FCW warning.
- For DMS, the interior camera should be no further than 90cm in front of the driver and no further than 40cm to the side of the driver's face. (Measured from the center of the face.)

Note:

If the vehicle speed cannot be obtained from the vehicle directly, the speed will be calculated using the GPS sensor which is less accurate.





To calibrate the device for the ADAS and DMS features, the VIA Mobile360 app must be connected to the target VIA Mobile360 D700.

Open the VIA Mobile360 app on your mobile device and follow the prompts to connect to the VIA Mobile360 D700 device over Wi-Fi. The VIA Mobile360 D700 Wi-Fi SSID is named "VIA Mobile360_XXX" and can be found in the phone's available Wi-Fi connections once the VIA Mobile360 Device has booted. The default password is "12345678".





After the connection has been established, you will see the live camera stream and a map in the "Live" tab of the app along with the following icons, " (a)" for ADAS calibration and " (a)" for DMS calibration. A red icon indicates that the calibration has not yet been completed, where a green icon indicates the calibration has been completed.

3.3.3.2 DMS Calibration

The DMS calibration process is required to position the driver's head in the focal detection area of the camera to ensure accurate DMS detection.

- 1. To begin the calibration process, click on the red DMS icon on the right-hand side of the "Live" tab in the VIA Mobile360 app. This will bring up the live view of the interior camera.
- 2. Follow the instructions in the app to select which side the Driver's seat is on and adjust the camera angle, if necessary, to ensure the driver's head is within the bounding box. If the "Driver's Seat" field was filled in during the vehicle creation step in section 3.3.1, the correct side will already be selected.





3. Once the camera is positioned correctly, click on the "Calibration" button to complete the process, and go back to the "Live" tab in the VIA Mobile360 app. The DMS icon will now be green, confirming the calibration has been completed.

3.3.3.3 ADAS Calibration

The ADAS calibration is a single process required to calibrate the VIA Mobile360 D700 for both the FCW and LDW AI features.

The ADAS calibration process requires the vehicle to be driven on a stretch of road where the lane markings are clearly visible. The vehicle should be moving for the entire time at a speed over 30km/h. The full process will take between 30~60 seconds to complete. It is recommended to do the calibration process on a highway or expressway.

- 1. Once driving on a suitable stretch of road, begin the calibration process by clicking on the red ADAS icon on the left-hand side of the "Live" tab in the VIA Mobile360 app.
- 2. This will bring up a screen showing fields for "Vehicle Height", "Distance from Camera to Roof", "Vehicle Width" and "Hood Length. If this information was filled in during the vehicle creation step in section 3.3.1, the values will be displayed. If not, enter the correct values and click "Ok".

Note:

It is recommended to refer to the vehicle's User Manual to obtain the vehicle height information.



- 3. This will bring up a live preview of the front camera with red bar overlaid. This represents the acceptable region the horizon must be in. The red line inside the bar is the horizontal centerline of the camera. Adjust the camera angle such that the red line overlays the horizon line as close as possible.
- 4. Once the camera is positioned correctly, click the "Calibration" button to start the calibration process. An audio notification will inform "Starting ADAS calibration". Start driving along a road with clearly marked lines for at least 30 seconds. Once the device has enough information, the VIA Mobile360 D700 will provide an audio alert "ADAS calibration complete" and show a "Complete" button in the app interface. Press the button to confirm the ADAS calibration process is finished and return to the "Live" tab in the VIA Mobile360 app. The ADAS icon will now be green, confirming the calibration has been completed.





Note:

The ADAS calibration has a default time limit of 3 minutes to complete the process. If the ADAS Calibration process cannot be completed in the time an audio notification will be played "ADAS calibration failed." Repeat the process to try again.

Reasons for failure include not maintaining a minimum speed of 30km/hr or the lane markings not being clearly visible.



3.3.3.4 Select Features

After completing the calibration steps for ADAS and DMS, go back to the VIA Fleet Cloud Management Portal and select the vehicle. The ADAS and DMS calibration fields will show a green check mark indicating that the calibration has been completed for the device.

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			Vehicle Model	None	Fuel Tank Capacity	50.0 L	Fuel Type	None		
5	Trip History	10	Vehicle Weight	Under 1.8 T	Displacement	1.5L				
Þ	Management 🔨	2	Vehicle License	None						
•	Vehicles		Permitted Drivers	None						
	Drivers									
			Device Information				1			
		1	Device Model	Mobile360 D700	Registered	Vinregister	SIM Card	None		
		10	Al Features							
		10	Vehicle Height	168.5 cm	Distance from Camera to Roof	30.0 cm	Driver's Seat	Left		
		6	Vehicle Width	182.0 cm	Hood Length	155.0 cm				
		1	LDW	OFF	FCW	OFF	DMS	OFF		
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6	Timezone: UTC+8									
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To turn on the AI features, select edit. The options to enable LDW, FCW or DMS will now be active. Enable the feature combination desired and click "Save" to activate the features.



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	Vehicle Height	153.0	(em)	Diatance from Camera to Roof	20.0	(deni) (Driver's Seat	Loft
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Not	te: V and DMS cannot be enabled	at the same time due	to device performance lin	nitations.				

3.3.4 VIA Fleet Driver Registration

The VIA Fleet Cloud Management Portal allows for drivers to be registered in the system to allow for deeper insights when managing a fleet. To identify drivers of individual trips, drivers must first be created in the VIA Fleet Cloud Management Portal. Follow the steps below to create drivers and register them as permitted drivers for vehicles.

- 1. From the left-hand menu select "Management -> Drivers"
- 2. Next select "Add Driver" from the top bar.

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C Dashboard					No data				
😗 Trip History			2						
🏓 Management 🛛 🔨									
Vehicles									
► Drivers		-1							

- 3. Fill in the listed below as a minimum:
 - First Name First name of driver mandatory
 - Last Name Last name of driver mandatory



• Driver Photo - Photo of driver to be used to help identify the driver throughout the VIA Fleet Cloud Management Portal.

Note:

Photos uploaded through the VIA Fleet Cloud Management Portal are not used for Facial recognition purposes on the VIA Mobile360 D700 devices. For information on how to add images for facial recognition, see section 3.3.5.2.

• Permitted Vehicles - Click the "+" symbol to register the driver as a permitted driver for a vehicle. More than one vehicle can be selected.

9.		🗧 🙎 Add Driv	er				Ŷ	۰	VIA TAIPEI TEST -
121	Live Tracking	Driver Information	'n						
C	Dashboard	First Name *	Michael	Last Name * Fox	Conta	act Number	555-555-555		
5	Trip History	Date Joined	2020-10-14	Emerg. Contact	Emer	rg. Contact Number			
P	Management A	License Number							
	Vehicles								
×	Drivers	Driver License	+						
		Driver Photo							
		Permitted Vehicles	Vehicle1 ABC-123						
	16:26:35	Comment		0/100					
Ø	Timezone: UTC+8								
Copyright	© 2020 VIA Technologies, Inc. All Rights Reserved.	Save	Cancel						

4. Click "Save" to add the new driver.



3.3.5 Registering a Driver for a Trip

After creating a driver in the VIA Fleet Cloud Management Portal, drivers will now be able to register for a trip by scanning their unique driver QR Code from the VIA Mobile360 app or with their Face ID (facial recognition) after the VIA Mobile360 D700 device boots.

Note: See <u>section 3.4.2</u> for information on selecting the driver registration method for trips.

3.3.5.1 Trip Registration - QR Code

Follow these steps to successfully register a driver for a trip with the driver QR code.

- 1. Go to "Management -> Drivers" in the VIA Fleet Cloud Management Portal and select the driver you will use to register for the trip. The "VIA Mobile360 App Driver Registration ID" section displays the "Login ID" which is driver username used to login into the VIA Mobile360 app for that driver.
 - Username The default username is generated as follows:

"company name_driver's first name_driver's last name". This can be changed after creating a driver.

For example: VIA_Michael_Fox

• Password - The password is the company name.



- 2. After a VIA Mobile360 D700 device has been registered to the VIA Fleet Cloud Management Portal you will hear an audio notification "Scan driver QR code" after the device completes booting. To register a driver for a trip, open the VIA Mobile360 app on a mobile device.
- 3. Select "Me" from the icons at the bottom of the app.
- 4. Select "VIA Fleet Login".





Note:

This process needs to be done for every trip, where a trip is defined as when the device boots to when the device is powered off.

- 5. Input the Driver Login ID and Password and click "OK". This will open a screen with the driver QR code which will remain valid for the time set in the settings (default is 60 seconds). After the device has completed booting the notification "Scan driver QR code" will be played.
- 6. Place the driver QR code in front of the interior camera lens (the default scan time is 60 seconds). Once the VIA Mobile360 D700 device has successfully scanned the QR code, an audio notification will play "Scan successful" and the trip recording will begin.
- 7. An image will be captured by the internal camera of the VIA Mobile360 D700 after a default period of 30 seconds which will be included in the trip history report.



If no QR code is scanned within the time limit the trip will automatically begin recording and the after the time limit expires. The vehicle will display "unknown driver" in the live tracking section of the VIA Fleet Cloud Management Portal.





3.3.5.2 Trip Registration - Facial Recognition

Follow these steps to create the facial recognition vectors for a driver to register for a trip with their driver Face ID.

- 1. Open the VIA Mobile360 app and go the "Me" tab.
- 2. Select "VIA Fleet Login" and enter the administrator's username and password. This is the same as used to login into the VIA Fleet Cloud Management portal.
- 3. Select "Upload Photo" from the list.

••••○ Strokel ♥ 1:43 pm 80%	●●●●○ Strokel 🌩 1:43 pm 80% 🔤	•••• Strokel 🖘 1:43 pm 80% 페 •	11:10 🐨 😽 🛇 🛱	d 🕯
VIA Mobile360	Ме	ме	VTP Fleet - Admin	Logout
	<u>A</u>	E.	Vehicle Binding	>
	VIA Mobile 360	VIA Makila 260	Upload Photo	>
(<u></u>	TA MODILESCO	VIA Fleet Login		
Confirm Device Opened Please go to the mobile settings to connect to the device Wi-Fi	Choose Map Google Map >	Name		
	VIA Fleet Login >	A Received		
NAME : VIA Mobile360 XXX PASSWORD: 12345678	About VIA Mobile360 App >	Share King		
		About Cancel San OK		
Live Trips Stats Album Me	Live Trips Stats Album Me	Live Trips Stats Album Me	III O	Q

- 4. This will present a list of all registered drivers and will indicate if a photo has been upload or not.
- 5. Select the driver to add a Face ID photo.
- 6. Center the driver's face in the window overlay and press the snapshot button.
- 7. Click "Ok" and the image will be uploaded to the VIA Fleet Cloud Management Portal.



	* •	17 JA 💼	
< Uploa	d Photo - Driv	er List	
RockChu		Uploaded >	
MichaelFox		Uploaded >	
HPChen		Uploaded >	
SandoChen		Not Uploaded >	
AdamPai		Uploaded >	
JohnnyLin		Not Uploaded >	
SaberHuang		Uploaded >	
JamesHsyu		Uploaded >	
SteveChen		Not Uploaded >	
DreamKu		Uploaded >	
JerryChen		Uploaded >	
111	0	0	





- 8. In the VIA Fleet Cloud Management portal, go to the driver page for which the Face ID image was uploaded.
- 9. The Face ID Photo field will now show a check green check mark indicating that a Face ID photo has been uploaded.
- 10. When any of the permitted vehicles come online, the Face ID vectors will be download to the device.
- Vehicle's which have downloaded the driver's Face ID vectors will show the Face ID icon " ()" beside the vehicle.

 Note:
 A maximum of 5 permitted drivers can be added to each device.





- 12. To enable "Face ID" registration, go to the settings tab in the VIA Fleet Cloud Management Portal and set the "Driver Registration Method" to "QR Code + Face ID." See section <u>section 3.4.2</u> for more information.
- 13. When a vehicle comes online the settings will be updated and will play "Look at the camera or scan driver QR code" after booting up.
- 14. Registered drivers can now look at the camera and when they are successfully identified the notification "Scan Successful" will play.
- 15. Driver QR codes can also be used to register for the trip as described in section 3.3.5.1.

 Note: DMS calibration must be completed before the Face ID registration will work.

3.4 Account Settings

After completing the test environment setup, settings for the entire fleet devices and account information can be found by clicking on the username in the right-hand side of the top menu bar. Clicking it will expand the menu to show options for:

- My Account User profile including Company, Login Name, E-mail, and other information.
- Settings Unit settings, Login scan time, Login picture delay, Alert recording duration, Collision sensitivity and Audio recording.
- Logout Logout of the VIA Fleet Cloud Management Portal.

3.4.1 My Account

After selecting "My account" the user profile including Company, Login Name, E-mail, and other information will be displayed.







3.4.2 System Settings

The "System Settings" pop-up window allows for universal settings to be configured for all VIA Mobile360 D700 devices registered to an account in the VIA Fleet Cloud Management Portal.

🕼 Live Tracking	Global Settings			
	Unit Settings		Video Alert Settings	
Dashboard	Unit of Measure	Motric v	Alert Recording Duration	20 Secs
Trip History	Time Format	YYYY-MM-DD +	Alert Sensitivity	•
🖡 Management 🗸 🗸				Low Medium High
	Driver Login Settings		Audio Settings	
	Login Method	QR Code QR Code or Face ID	Trip Audio Recording	
	Login Scan Time	60 Secs	2-Way Call Volume	Min Max
	Login Picture Delay	180 😳 Secs	2-Way Call Recording	
			Alert Volume	
	Mobile:360 D700			
	LDW	FCW		
	LDW Audio Alert	FCW Audio Alert		
		FCW Alert Sensitivity		
	DMS	Low Mildlum High		
	Distracted Driving Audio Alert			
	Distracted Driving Audio Alert Driver Fatigue Audio Alert Phone Usage Audio Alert			
	Distracted Driving Audio Alert			
	Distracted Driving Audio Alert			



Global Settings

- Unit Settings:
 - Unit of Measure Select either Metric, Imperial or US Customary to set the units used throughout the VIA Fleet Cloud Management Portal.
 - Time Format Select how the date will be displayed throughout the VIA Fleet Cloud Management Portal.
- Driver Login Settings:
 - Login Method Select whether drivers can login for trips using the QR Code only or the QR Code and Face ID.



To use Face ID to register for a trip the DMS function must be calibrated first.

- Login Scan Time Set the time after the device finishes booting to accept Driver QR code scans, the default setting is 60 seconds.
- Login Picture Delay Set the time after a successful Driver QR code scan to take a photo with the interior camera. This will be added to the trip history to valid who was driving the vehicle.
- Video Alert Settings:
 - Alert Recording Duration Set the recording time (10, 20 or 30 seconds) from the point of the alert trigger.
 - For collision alerts while driving or driver initiated alert videos via the short record button, 10 seconds prior to the trigger point will be added to the alert video.
 - Parking mode collision alerts will record the set recording time after the device boots.
 - Alert Sensitivity This is the alert sensitivity setting. There are 16 sensitivity levels between high to low, where "High" makes it easier to trigger an alert and "Low" makes it harder to trigger an alert.
- Audio Settings:
- Trip Audio Recording Turn audio recording on or off for trip videos.
- 2-way Call Volume Adjust the volume for 2-way calls. There are 4 settings between the minimum and maximum volumes. Where min=25% and max=100%.
- 2-Way Call Recording Enable 2-Way calls to be recorded and available for playback in the Trip History page.
- Alert Volume Adjust the volume level for alert notifications. There are 4 settings between the minimum and maximum volumes. Where Min=25% and Max=100%.

Device Settings

- Al Settings:
- LDW Enable LDW as a default setting once the ADAS Calibration has been completed on a device.
 - LDW Audio Alert Enable or disable the audio alert for LDW.



- FCW Enable FCW as a default setting once the ADAS Calibration has been completed on a device.
 - FCW Audio Alert Enable or disable the audio alert for FCW.
 - FCW Alert Sensitivity Adjust the sensitivity for FCW detection alerts between low, medium and high. Refer to section 3.3.3 for detailed a explanation.
- DMS Enable DMS as a default setting once the DMS Calibration has been completed on a device.
 - DMS Audio Alerts Enable or disable the audio alerts for Distracted Driving, Driver Fatigue, Phone Usage and Smoking.

When finished making changes, click "OK" to save.



Note:

When the VIA Mobile360 D700 connects to the VIA Fleet Cloud Management Portal, the cloud settings will override the local default settings or settings changed using the VIA Mobile360 app. *Collision, Parking and Driver Alert videos will always include audio.

3.5 Live Tracking

The "Live Tracking" page provides real-time tracking of registered vehicles. Selecting the "On-road" tab will display all vehicles currently active. The panel to the right of the menu displays a list of all fleets and vehicles assigned to each, which are currently active.





Note:

Vehicles with a red font in the list identify current trips with either an unregistered driver or a driver who is not permitted for that vehicle.

Clicking on a fleet name will display icons for each active vehicle within the fleet on the map, while clicking on a specific vehicle the map will center on that vehicle as well as bring up a pop-up window on the right-hand side of the screen showing more information.

🛠 VIA FLEET	\Xi 🔥 Live Tracking		🍨 🧳 🔕 VIA FLEET 🕶
🍂 Live Tracking	On-road Off-road	「 「 「 」 「 」 」 「 「 」 」 「 」 」 「 」 」 「 」 」 「 」 」 「 」 」 」 「 」 」 」 」 「 」 」 」 」 」 「 」 」 」 」 」 「 」	JEIS125 × + Information • •
 Dashboard Trip History Management ~ 	→All → % Charlie Fleet ▲ ← 1/1 JETS125 (CH-7890) ← ½ + % Jack's Fleet ▲ ← 1/1 + % Jack's Fleet ▲ ← 1/2	IngUNDAL-新定 原題保護中心 定面での 中本式電子電子 小面子の合称 「新規制 「新規制 「「新規制 」」 「「「」」 「」」 「」」 「」」 「」」 「」」 「	Plate Number: CH-7890 Fleet: Charlie Fleet Charlie Ho Charlie Ho Charlie Ho Charlie Ho Charlie Ho Plate Number: CH-7890 Charlie Ho Plate Number: CH-7890 Charl
	Erse World-Best-addamin per 22 Erse VIA Domo Floot ▲ ⊜3/5	・ 加設設修務機 ののでわれるio 上置木種販 所良薄電気 ・ 上置木種販 所良薄電気 立 中 のの のの のの のの のの のの のの のの のの	Tru Chi Ho Breeney Ro Ro Machael Mapping Line
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20 8.0 Km / Hr

Q GPS: 31.215377, 121.595637





Collision Alert O 2020-06-22 07:38:39 20 54.0 Km / Hr

Yi Qi - Da Zhong Zhan Ting, Nanshan Qu, Shenzhen Shi, Guangdong Sheng, China



<-Clicking on the Alert icon will show the recorded videos for each collision alert or driver alerts, if any.

-> Clicking on the camera icon allows a live KVS stream to be initiated with either camera.



🚱 100 Km / Hrs

Jinke Road, Pudong New District, Shanghai







The information tab of the pop-up window displays current trip information about the vehicle including:

- Vehicle name along the top bar ٠
- Vehicle license plate number ٠
- Fleet group the vehicle belongs to ٠
- Current driver The driver's name will appear if driver QR code/Face ID was scanned otherwise it will display "Unknown" ٠
- Current speed, trip fuel consumption and current location ٠
- Image captured by the VIA Mobile360 D700 after the QR code scan ٠
- " 🖳 " Initiate 2-way communication button with the vehicle



Note: KVS streams are optimized at resolutions of 640px x 480px @ 15fps to ensure smooth playback.



Selecting the "Off -road" tab will display the list of vehicles currently not active. Selecting any vehicle in the list will display the last known location of the vehicle as well as information pertaining to the last trip. Vehicles with a "Parking Alert" will also be indicated in the list with the following icon "



3.6 Alert Notifications

When an alert is sent from a VIA Mobile360 D700 device to the VIA Fleet Cloud Management platform, the " 🏹 " alert icon in the top bar will show a red dot to indicate a new alert has been sent. Alerts sent within the past 24 hours will be kept in the list.

Clicking on the alert icon will pop-up a window showing the list of alerts for that day including the vehicle, fleet, type of alert (Collision, Driver, Parking and Unpermitted Driver alerts), location, driver, and time of each alert. Clicking on the location will go to the "Alert" section of the "Trip History" page and automatically select the vehicle and display the videos.

In the "Live Tracking" page, an alert icon " 🛕 " will be displayed beside the fleet in the list on the left-hand side of the page. Select the vehicle, then in the pop-up window select the "Alert" icon to see the information for collision or driver alerts and the respective videos.



Alerts							
Vehicle 🗢	Fleet \$	Type 🗢	Location	Driver ≑	Time 4		Q
DIO-123	VIA Demo Fleet	A Unpermitted Driver	19 Minsheng Road, Xindian District, New Taipei City, Taiwan	Unknown	2020-06-22 11:54:54	~	
CH-7890	Charlie Fleet	🍋 Collision Alert	19 Minsheng Road, Xindian District, New Taipei City, Taiwan	Charlie Ho	2020-06-22 11:45:22	~	~
DIO-12345	VIA Demo Fleet	A Unpermitted Driver	19 Minsheng Road, Xindian District, New Taipei City, Taiwan	Unknown	2020-06-22 11:43:51	~	
SQA-1002	VIA Demo Fleet	A Unpermitted Driver	19 Minsheng Road, Xindian District, New Taipei City, Taiwan	Unknown	2020-06-22 11:42:35	~	
DIO-12345	VIA Demo Fleet	A Unpermitted Driver	19 Minsheng Road, Xindian District, New Taipei City, Taiwan	Unknown	2020-06-22 11:39:50	~	
SHA6D600	Jack's Fleet	A Unpermitted Driver	2537 Jinke Road, Pudong Xinqu, Shanghai Shi, China	Unknown	2020-06-22 11:33:18	~	

Note:

When a Collision, Driver or Parking alert is first sent, snapshots from each camera on the VIA Mobile360 D700 will be sent along with the alert information. Videos will replace these snapshots after being uploaded to the VIA Fleet Cloud Management Portal.

3.7 2-Way Calling Notifications

The VIA Mobile360 D700 allows for 2-way calling between a driver and the fleet management center.

When a driver does a long press on the short record/2-way call alert button, a message is sent to the VIA Fleet Cloud Management Portal. In the top menu bar, the 2-way call " 🕜 " icon in the top bar will show a red dot beside it to notify a driver request has been sent.

Clicking on the 2-way call icon will pop-up a window showing the list of requests sent by drivers. There are two tabs in the pop-up window, one for "Notifications" which shows requests sent in the past one hour and another for "Missed Calls", which will keep all unanswered requests within the past 24-hours.

Detailed information for each request includes the vehicle, fleet, driver, time, location, log, log event and status of the request.



139	.3	🔄 2-way Call							×	8.7	Sack's Fleet 7
	45%	Notifications	Missed Calls								Restleet N
		Vehcile						Log Event	Status		charles111 I
	Total Hours Dr	CRV-002	VIA-SHANGHAI	Nova Chen	2020-04-28 19:01:56	Yuting Road, Xiangcheng District, Suzhou City, Jiangsu Province	4 ^	Call Request	.		
Hours 50 1	41.7			Nova Chen	2020-04-28 19:03:23	Yuting Road, Xiangcheng District, Suzhou City, Jiangsu Province		Call Request		A Alor	in 📥 Driver Score
40 30	•			Nova Chen	2020-04-28 19:11:16	Yuting Road, Xiangcheng District, Suzhou City, Jiangsu Province		New Trip		Alen	is 🗢 Driver score
20 10				Nova Chen	2020-04-28 19:12:43	Yuting Road, Xiangcheng District, Suzhou City, Jiangsu Province		Call Request		4	100.0
0	Apr. 22 Ap	Vehicle-A16	VIA-SHANGHAI	Sophie Wang	2020-04-28 18:41:56	Chuanbang, Huating Village, Fengxian District, Shanghai City	1	Call Request	N	29	95.0
	Carotal Distance	Vehicle-A16	VIA-SHANGHAI	Matthew Henson	2020-04-28 18:32:05	Gongkangliu Village, Baoshan District, Shanghai City	2 🗸	Call Request	1	3	92.0
Kilometers 100 ₁	; 9	Vehicle-A16	VIA-SHANGHAI	Noarh Smith	2020-04-28 18:30:12	Chuanbang, Huating Village, Fengxian District, Shanghai City	1	Call Request	~	0	89.0
80 60 40 20 0	Apr 22 At	* This page shows th	ne call requests in the last	1 hour.						I) 🗢 Aler	ts. ≜ Driver Sco

The "Log" and "Log Event" fields will indicate if a driver has sent multiple requests which have not been answered as well as notify if a new trip has started to check and see if the same driver is in the vehicle.

If a driver sends a new request before their previous one is answered, the time will refresh to keep it in the notification tab for an additional hour.

The "Status" field provides the status of the vehicle's VIA Mobile360 D700 represented by the following icons:

- 🖢 indicates the vehicle is on-road and has 4G connectivity. Clicking on the icon will initiate a call with the driver.
- - indicates a call has been initiated with the driver. Clicking on the icon will cancel the call.
- Indicates the vehicle has lost 4G connectivity and is unavailable to receive a call.
- Reference the vehicle is off-road and unavailable to receive a call.

After initiating a 2-way call with a driver from the list, a status bar will appear in the top menu bar indicating the connection is being established. Once connected the registered driver's name will be shown. Users can navigate to other sections of the VIA Fleet Cloud Management Portal while talking with the driver. Clicking on the red phone icon "
" will end the call.



If on the "Live Tracking" page, a microphone icon " \P " will be displayed beside the vehicle in the list on the left-hand side of the page. Select the vehicle, then in the pop-up window use the microphone icon to initiate a 2-way call with the driver.

3.8 Dashboard

The "Dashboard" page of the VIA Fleet Cloud Management Portal displays a summary of all relevant data collected to provide an overview of the fleet history. Statistics can be filtered by the last 7 days / 30 days / 12 months, or by a user defined range.



Under the top menu bar, a list of all fleet groups created, and the corresponding color code is displayed.

Beneath this are five sections which display key statistics for all vehicles and for each fleet group including:



- Hours Driven Total and average for the range selected.
- Distance Driven Total and average for the range selected.
- Fuel Consumption Total and average for the range selected.
- Collision Alerts / Parking Alerts Total number of alerts for the range selected.
- Driver Score Average driver score for the range selected.

3 , E	🖸 🔥 Dashboar	d 7 days 🕺	days 12 months							9 •	
21	😤 AAA 🛸 Unassigned Veh 🍋 ਗ਼ੁੱਟFleet	♣ aaa. ♣ Unknown ♣ 自由自在微软推	ିଲ୍ଲ Charlie Fleet ନିଲ୍ଲ VIATP ନିଲ୍ଲ "charles"tleet	😤 charles's 🙈 VIA Demo Fleet	😤 Jack's Fleet 🍋 VIA Managers	পিক্ল Jason's Fleet পিক্ল VSZ Fleet	ିଲ୍ଲ M810-test-adam ନିଲ୍ଲ 01st fleet	গিল্ল Shine's Fleet গিল্ল 011fleet	ିଙ୍କ TH Fleet ନିଙ୍କ 1010	ନ TS-Test-Fleet ନିଳ୍ଲ ୨୨୨	『会 testfleet 风景 『会 排庁羽试用
	O Hours Driven (Hrs)	(total Avg	Distance Driver (Km)	n (Ctal Avg	Consumption	Total Arg	S Collision Alerts	Re Parking Alerts	Driver Score (Average)	Per Charles Floret (00)
ĕ	269.7	12% 26%	760.7	12%	%	3.9	0	300	visz Fleet 153 visz Fleet 43 visz Fleet 29 visz Fleet 29 visz Fleet 29 visz Fleet 15 visz Fleet 15	66.9	 Jacks Fleet 190.8 Jacks Fleet 89.8 Jacks Fleet 89.2 VIA Demo 83.5 VSZ Fleet 71.6 Mol to-test 67.0 Shine's Fleet 80.7 Charles's 40.7

Beneath this to the left are 3 line charts displaying total hours driven, total distance driven and total fuel consumption for the time period selected. This provides an easy way to see trends in the key metrics for the entire fleet.

To the right of the line charts are two tables showing rankings by vehicles and drivers for the period selected. To filter by any of the categories, click on the arrow icons beside the column headings in the table. Clicking the section title will pop-up a full-page view with complete rankings.





ehicle Name 🗢	Time (Hrs) 🗢	Distance (Km) 🖨	Fuel (L) 🗢	Alerta 🗢	Driver Score 🖡
😪 VSZ-aksenxu	0.0	21.3	0.0	2	100.0
A JETS125	88.2	0.2	0.0	22	100.0
Dio Test	3.3	0.0	0.0	t	100.0
😪 DioloT	0.2	0.0	0.0	0	100.0
MB871	58.2	0.0	0.0	113	93.0

Rankings by Driver

Driver Name 🗢	Time (Hrs) 🗢	Distance (Km) ≑	Fuel (L) ≑	Alerto ≑	Driver Score 🖡
Vic Yuan	0.3	6.1	0.0	0	100.0
Jesse Chang	1.0	0.0	0.0	1	100.0
Dio Huang	0.2	0.0	0.0	0	100.0
Charlie Ho	50.2	0.2	0.0	21	100.0
TsungHsien Wu	1.4	4.0	0.0	5	88.0

3.9 Trip History

The Trip History page of the VIA Fleet Cloud Management Portal provides an easy way to review any trip which has been logged. The first drop-down field in the top menu bar allows to filter by alerts, driver, fleet or vehicle.



3.9.1 Search Filters

After selecting a category to filter by the second drop-down field in the top menu bar allows for further filtering as described below.

- Alert Filter history by collision, driver, parking, unregistered driver or all alerts for all registered vehicles.
- Driver Filter history for a specific driver or all unknown driver trips.
- Fleet Filter history for an entire fleet.
- Vehicle Filter history for a specific vehicle.



Note:

For trips to be associated with drivers, a driver must register for the trip with either the "Driver QR Code" or "Face ID" to register when the VIA Mobile360 D700 device boots as described in section 3.3.5. If no driver was registered for a trip they will be classified as "Unknown Driver" in the list.

After selecting a filter to sort by and a time range to display, the calendar will display days which have trips recorded.

Calendar Legend:

- Days with Trips Days with trips are designated with a grey circle behind the date: " 02 "
- Days with Alerts Days with alerts are designated with a red circle around the date: " (04) "
- Current Selection The current day selected is designated with a blue circle behind the date: " 😳 "

After selecting a day, the total trips statistics for all trips driven on that day will be displayed beneath the calendar including:

- Total Time The total driving time
- Total Idle Time The total idle time
- Distance The total distance driven
- Average Fuel Consumption The average fuel consumption (Km / L) of all trips on the selected day
- Total Idle Fuel Consumption The total idle fuel consumption of all trips on the selected day
- Total Fuel Consumption The total fuel consumption of all trips on the selected day
- Average Driver Score The average driver score for all trips on the selected day
- Collision Alerts The number of collision alerts on the selected day
- Driver Alerts The number of driver alerts (generated by with a short press on the device by the driver) on the selected day
- Parking Alerts The number of parking alerts on the selected day (Only shown for vehicles)
- 2-Way Call:
 - Driver The number of call requests triggered by a driver.
 - Headquarters The number of calls to a driver.
- G-Sensor Events:
 - Revving Up The total number of revving up events
 - Hard Braking The total number of hard braking events
 - Hard Cornering The total number of hard cornering events



- ADAS Events:
 - LDW The total lane departure warning events
 - FCW The total for forward collision warning events
- DMS Events:
 - Driver Fatigue The total number of driver fatigue events
 - Distracted Driving The total number of distracted driver events
 - Smoking The total number of smoking events
 - Phone Usage The total number of phone usage events

🔍 Note:

If a statistic or AI feature is not available on any of the VIA Mobile360 D700 devices installed in the vehicles driven that day, the field will not be displayed.

Beneath the daily summary statistics is a list of all individual trips in order including the license plate number of the vehicle driven and the time of the trip. By default, the first trip will be selected, and the route will be shown on the map with a pop-up window on the far right-hand side of the screen showing the specific stats for that trip. Also displayed on the route will be flags where " 🍋 " Collision Alerts, " 🏊 " Unpermitted Driver Alerts, " 🏊 " Parking Alerts, " 🎴 " Driver Alerts, " 🏳 " G-sensor, " 🏳 " ADAS events and " 🏳 " DMS events occurred. These can be displayed or hidden by selecting or unselecting the checkbox beside the total in the daily summary statistics.





Select a different trip from the list to bring up the information in the map for that trip.

If there are collision or driver alerts in a trip, they will be shown on the route. Clicking on the alert icon will bring up the video player pop-up window with the recorded front and rear camera videos available for playback.





If trips with a 2-way call, either requested by the driver or initiated from the headquarters (recording of 2-Way calls must be enabled in the settings), will show the 2-way call icon " 🔮 " in the trip information window. Clicking on the icon will bring up a log of all 2-way calls. Press the play button to playback the recorded call.





Parking alerts will be shown as a separate entry in the list of trips when filtering by vehicles.

Example: "Parking Alert - 1"









3.9.2 Alerts

Selecting "Alerts" from the first tab along the top menu bar in the "Trip History" tabs allows alerts for all vehicles to be filtered by either Collision Alerts, Driver Alerts, Parking Alerts, Unpermitted Driver Alerts or All Alerts. Days with alerts will be shown in the calendar with red circles " 14" around the date. The currently selected day will be shown with a blue circle " 14" behind the date.



After selecting a day with alerts, a list of all recorded alerts will be shown below the calendar indicating the time and location of the alert. Selecting any alert from the list will display the location of the alert on the map as well as a pop-up window with details of the event including vehicle, driver, time, location and speed at the time of the alert. The videos recorded by the front and rear cameras are displayed beneath as shown in the image above. Clicking once on a video will begin playback while double-clicking a video will go to full screen playback mode.





3.10 Management

3.10.1 Vehicles

The "Vehicles" tab will show a complete list of all fleets created including fleet name, number of vehicles assigned to the fleet, number of drivers permitted to drive vehicles within the fleet and a short description.

S VIA FLEET	육 Ve	hicle Management	+ Add Fleet	+ Add Vehicle Q Search	h			∮	
• 9. Livo Tracking	Fie	et Name 🕇		Total Vehicles 🗢	Total Driver	s ≑ Description			
		Blank		0	0				1
C Dashboard		Charles Fleet		3	4	Test only			
Trip History	- %	Jack's Fleet		1	5	Hello world!			
J inprinsion	- %	Jason's Fleet		1	8	Here is Jaso	n's Fleet. WELCOME!		
🔑 Management 🔷 🔨	- %	VIA Fleet		2	1	VIA Mobile36	60 Test Fleet		
Vehicles	- %	Zora's Fleet		1	0	ZORA			
Drivere	~ <u>~</u>	Unassigned Vehicles		2	5				
Divers		Vehicle Name 🕇	Plate Number ≑	Vehicle Model ≑	Registered 🗢	Permitted Drivers 🖨	Trial Time (Days) ≎	KVS Time (H:M:S) 🖨	
		charles001	1234567890	New CRV	×	3			ď
		LALITAWANG	2345678	BWM X5	×	3			ď



3.10.2 Registration Status and Trial Period Information

Clicking on an individual fleet will expand the group and display all assigned vehicles within the fleet. General vehicle information as well as registration status, AWS trial time remaining and KVS time remaining are displayed. VIA provides a 30-day AWS trial period and 50 hours of KVS real-time streaming for each device.

🔗 VIA FLEET	Ē	fa	Vehicle Management	+ Add Fleet	+ Add Vehicle Q Searc	h			Ŷ	4		EST 🗸
Live Tracking			Fleet Name 🕇		Total Vehicles 🗢	Total Drivers 🖨	Description					
			😪 Blank		0	0						ď
C Dashboard			Re Charles Fleet		3	4	Test only					ď
S Trip History			😪 Jack's Fleet		1	5	Hello world!					Ø
J			육 Jason's Fleet		1	8	Here is Jason's	Fleet. WELCOME!				ď
🔑 Management 🖍			Pa VIA Fleet		2	1	VIA Mobile360	Test Fleet				Ø
▶ Vehicles			Vehicle Name 🕇	Plate Number 🗢	Vehicle Model 💠	Registered 🗢	Permitted Drivers 🖨	Trial Time (Days) 🗢	KVS Time (H	:M:S) ‡		
Drivers			Jason's	ZAB781C		×	0				ď	
0.11010			Vehicle1	ABC-123		\checkmark	1	29.8	50:00:0	0	ď	
			🂫 Zora's Fleet		1	0	ZORA					Ø
			Pa Unassigned Vehicles		2	5						
			Vehicle Name 🕇	Plate Number 🖨	Vehicle Model 🖨	Registered 🖨	Permitted Drivers 🗢	Trial Time (Days) \$	KVS Time (H	:M:S) ‡		
			Charles001	1234567890	New CRV	×	3				Ľ	
			LALITAWANG	2345678	BWM X5	×	3				Ľ	
		ī										

A Note:

When a KVS stream is enabled, the video stream will stay alive for 3 minutes, unless manually stopped, then auto disconnect to avoid forgetting to close the KVS function and waste trial time.



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3.10.3 Deleting and Editing Fleets and Vehicles

If you want to delete a vehicle or fleet, check the box to the left of the vehicle or fleet name, and click " Delete " to delete. To edit vehicle or fleet information, click " 🜈 " on the right-hand side of the screen.

Note: When deleting a fleet, the vehicles in the fleet will keep all information and be assigned to the unassigned vehicle group at the bottom of the list. When deleting a vehicle, all information will be removed.

S.	VIA FLEET	IJ	۴ ۵	Vehicle Management	+ Add Fleet	+ Add Vehicle Q Sea	arch			Q 🗳		TEST v
-		1										
	Live Tracking		1	Fleet Name 🕇		Total Vehicles 🗢	Total Drivers 🖨	Description				
PAP				😪 Blank		0	0					ď
C	Dashboard			🍋 Charles Fleet		3	4	Test only				ď
5	Trip History			🚘 Jack's Fleet		1	5	Hello world!				ď
3	The History			Ra Jason's Fleet		1	8	Here is Jason'	s Fleet. WELCOME!			ď
يعر	Management A			😪 VIA Fleet		2	1	VIA Mobile360	Test Fleet			ď
Þ	Vehicles			Vehicle Name 🕇	Plate Number 🜩	Vehicle Model 🗢	Registered 🖨	Permitted Drivers 🗢	Trial Time (Days) 🖨	KVS Time (H:M:S) ≎		
	Drivers			Jason's	ZAB781C		×	0			ď	
	Divers			Vehicle1	ABC-123		\checkmark	1	29.8	50:00:00	ď	
				Rea Zora's Fleet		1	0	ZORA				ď
				Pa Unassigned Vehicles		2	5					
				Vehicle Name 🕇	Plate Number 🜩	Vehicle Model ≑	Registered 🖨	Permitted Drivers	Trial Time (Days) 🖨	KVS Time (H:M:S) ≎		
				Charles001	1234567890	New CRV	×	3			ď	
				LALITAWANG	2345678	BWM X5	×	3			ď	
				ĴĴĨ Delete								

3.10.4 Drivers

The "Drivers" page shows a complete list of all drivers including driver name, login ID, contact number, license number, number of vehicles they are permitted to drive, the emergency contact and whether they have a Face ID photo uploaded or not. If you want to delete a driver click on the box to the left of the driver's name and click "

🔗 VIA FLEET	Ē	2	Driver Management	+ Add Driver Q Search	1			Ŷ		AIPEI TEST 👻
·		~	Driver Name 🕇	Login ID	Contact Number	License Number	Permitted Vehicles Emerg. Contact		Face ID Photo	
Live Tracking			Alex Wang	VTP_Alex_Wang			4		×	ď
C Dashboard			Amanda Zhu	VTP_Amanda_Zhu			2		×	ľ
🕤 Trip History			Bourne Yin	VTP_Bourne_Yin			3		×	ď
🔑 Management 🖍			Charles Wang	VTP_Charles_Wang			4		×	ď
Vehicles			Charlie Ho	VTP_Charlie_Ho			4		×	ď
Drivers			Dio Huang	VTP_Dio_Huang			2		×	ď
			Dream Ku	VTP_Dream_Ku			4		×	ľ
			Jack Liu	VTP_Jack_Liu			2		×	ď
			Jason Yao	VTP_Jason_Yao			4		×	ď
			Michael Fox	VTP_Michael_Fox	555-555-555		1		~	ď
			Rae Yu	VTP_Rae_Yu			0		×	ď
			Sinny Liu	VTP_Sinny_Liu			0		×	ď
			Tina Huang	VTP_Tina_Huang			0		×	ď
14:15:16			ÎÎÎ Delete							

Timezone: UTC+8



4. VIA Mobile360 App

VIA Mobile360 app supports Android and iOS phone connections and can be used to connect to a VIA Mobile360 D700 device to view live streaming as well as recorded trip video and data on the device through a Wi-Fi connection.



Note:

A MicroSD card is required to save trip video and data on the VIA Mobile360 D700 device. A 4G SIM card is required for the map views of GPS route tracking as well as to send data in real-time to the VIA Fleet Cloud Management Portal.

• Inserting MicroSD Card or Micro SIM Card - When inserting a MicroSD card or Micro SIM card, use your fingernail to press the card into the correct slot on the device. When it is fully inserted, the card will snap into the slot. To remove the card, use your fingernail to gently press the card into the device and it will pop up, allowing it to be removed.



Please confirm the 4G SIM can connect to internet. The Micro SIM card does not support hot plugging.

4.1 Connecting to VIA Mobile360 D700

Once the VIA Mobile360 app has been installed on a mobile device, open the app and follow the prompts to connect to the VIA Mobile360 D700 device over Wi-Fi. The VIA Mobile360 D700 Wi-Fi SSID is named "VIA Mobile360_XXX" and can be found in the phone's available Wi-Fi connections once the VIA Mobile360 Device has booted. The default password is "12345678".





After a Wi-Fi connection has been established, the VIA Mobile360 app will display the "Live" interface.



4.2 App Menu

The menu for the VIA Mobile360 app is located along the bottom of the app interface and includes the 5 items described below:





- Live View the live stream and GPS tracking of the VIA Mobile360 D700 AI Dash Cam.
- Trips View your trips, play back videos, and download videos to the connected mobile phone.
- Stats Statistics about the driving status of the vehicle during the trip.
- Album View the videos saved to the MicroSD card in the VIA Mobile360 D700 and download the videos to the connected mobile phone.
- Me Change map, VIA Fleet login and about VIA Mobile360 app.

4.3 Live

The "Live" interface of the VIA Mobile360 app allows real-time viewing of either camera as well as tracking of the GPS positioning on the map below the live stream. Users can also initiate the calibration processes for the ADAS and DMS AI features. The "Live" interface is described below.



- 1. VIA Mobile360 D700 device settings
- 2. Full screen
- 3. Mute audio
- 4. Switch camera view
- 5. Trip duration
- 6. Current vehicle speed
- 7. GPS signal strength
- 8. 4G network signal: If there is no signal or the SIM card cannot access the Internet, the map will not be displayed
- 9. ADAS Calibration button (Red indicates no calibration; green indicates calibration complete)
- 10. DMS Calibration button (Red indicates no calibration, green indicates calibration complete)
- 11. Map and route tracking

A Note:

GPS tracking will only keep the route tracking while on the Live page. If the app is minimized the tracking will start again when on the live page.



4.3.1 **Device Settings**

Click the "Device Settings" button in the "Live" interface to configure the various VIA Mobile360 D700 device parameters as described below:

•••• Strokei 🗢	1:43 pm	80%	Trip:
<	Device Settings	e.	
Trip			•
Units		Metric >	•
Alert Recordin	g Duration	10 Secs >	
Alert Sensitivit	ty		
Low	Mid	High	
Audio Recordi	ng		•
Alert Volume		4 3)	•
	0		•
2-Way Call Vol	ume	≼ 3)	•
Network			
Wi-Fi Mode		5G >	Netwo
Wi-Fi Name	VIA Mobile360	_388910_5G >	•
IP Address		192.168.1.132	•
MAC Address	38	:a2:8c:eb:49:91	•
Device			
Device Model		D700	•
Firmware Vers	ion 0	.0.8 Update	Qn
MicroSD Card	(Available/Total)	51.50M/7.40G	
Format Micros	D Card		
Reset			Device
			•

- Units Change the units displayed in the app between metric, Imperial and US customary.
- Alert Recording Duration Set the recording time (10, 20 or 30 seconds) from the point of the alert trigger. •
 - For collision alerts while driving or driver initiated alert videos via the short record button, 10 seconds prior to the trigger _ point will be added to the alert video.
 - Parking mode collision alerts will record the time set after the device boots. _
- Alert Sensitivity - Change the sensitivity for alert triggering, where "High" makes it easier to trigger an alert and "Low" makes it harder to trigger an alert.
- Audio Recording Turn on/off audio recording. •
- Alert Volume Adjust the volume level for alert notifications. There are 4 settings between the minimum and maximum • volumes. Where min=25% and max=100%.
- 2-Way Call Volume Adjust the volume for 2-way calls. There are 4 settings between the minimum and maximum volumes. Where min=25% and max=100%.

work:

- Wi-Fi Mode Switch the recorder's Wi-Fi mode (need to reconnect after switching 2.4GHz/*5GHz). •
- Wi-Fi Name VIA Mobile360 D700 Wi-Fi AP Mode SSID. Tap to change SSID and Password. •
- IP Address IP Address of the VIA Mobile360 D700.
- MAC Address MAC address of the VIA Mobile360 D700.

Note:

For Japanese versions of the VIA Mobile360 D700, only the 2.4GHz Wi-Fi band is supported.

- Device Model Displays the model name. •
- Firmware Version Displays the firmware version installed as well as when new updates are available through OTA. •
- MicroSD Card (Available/Total) Displays the available space and total capacity of the inserted MicroSD card. •



Vehicle Configuration	 Format MicroSD Card - Reformats the inserted MicroSD card as exFAT.
Vehicle Weight Under 1.8 T >	Reset - Resets device settings back to default.
Tank Capacity 57 L	Vehicle Configuration:
Displacement 1.8 L	The "Vehicle Configuration" settings are used to improve the accuracy of the "Collision Alert", "Driver Score" and fuel consumption
AI Features	results.
LDW	 Vehicle Weight - Select between "Under 1.8T", "1.8T-3.5T" or "Over 3.5T" (metric units).
🥝 Audio Alert	• Tank Capacity - Refer to the user manual of the vehicle to insert the correct fuel tank capacity of the vehicle.
FCW	• Displacement - Refer to the user manual of the vehicle to insert the correct engine displacement value.
Audio Alert	Al Features:
FCW Level	After calibration for ADAS and DMS have been completed, the sliders can be used to enable or disable the LDW, FCW and DMS AI features.
DMS	• ADAS Audio Alerts - Enable or disable the audio alert for LDW and FCW.
Fatigue Audio Alert	DAAC Audio Alexte. Facility and include the couling least fact Driver Estimate Couling. Distances of Driving and Draws Use as
Talking On Phone Audio Alert	DIVIS Audio Alerts - Enable or disable the audio alerts for Driver Fatigue, Smoking, Distracted Driving and Phone Usage.
	Note: FCW and DMS cannot be enabled at the same time due to device performance limitations. If the device is registered to the VIA Fleet Cloud Management Portal, the cloud settings will overwrite changes made with the app the next time the

device boots.

4.4 **Trips**

The "Trip" interface displays stored trips on the MicroSD card inserted in the VIA Mobile360 D700 device. When the VIA Mobile360 D700 is turned on, it begins to record a trip. The recording of the trip only ends when the device is turned off. The "Trips" interface allows a user to view and downloaded trips by date. Days with trips are indicated with a blue circle around the date. A red mark below the date in the calendar indicates that a collision, parking, or driver alert has occurred on that date and a full blue circle indicates the current date selected.

•••• Stre	okei 💎		1:43 pn		80% 💶		
			Trips				
<			2019/8	3 🔺		>	
S	М	т	W	т	F	5	
26	27	28	29	30	31	1	
2	3	4	5	6	7	8	
9	10	11	12	13	14	15	
16	17	18	19	20	21	22	
23	24	25	26	27	28	29	
30	31	3	4	5	6	7	
Aug 13							
Trip Time Start End:	1 : 06:30 : Nany Guiyu Shenzi	9:36 - 08 ou Aver an inter nen	:14:24 nue,Nans section i	ihan Dis n Nansh	A trict,Sho an Disti	lerts 2 enzhen rict of	
		4	> Dow	nload			
Trip Time Start	2 : 09:17 : Guiyu Shen	:49 - 10 Ian inte zhen	:51:03 rsection	in Nans	han Dist	Alert 0 trict of	
		2	di		1 - 1 PL -	1	

Albur



Trip1

10:20:21

Alerts

10.20.21

P

By clicking a day in the calendar with trips, the interface will display a short summary of all trips that occurred that day including time, location and if any collision alerts occurred during the trip.

Click "Download" to download the trip to the connected mobile device to view when not connected to the VIA Mobile360 D700.

Click on the trip to enter the trip details screen. The trip details show the entire route of the trip, the trip videos, collision alert videos (if any) and other information about the trip.

Click on the trip video to play back the video. The corresponding position during the trip will be synced in the map below the video player.

Note: You will not be able to switch to live streaming while downloading a trip. Smoking 3 Times 1:43 nm Aug13 09:23:39-10:30:53 Phone Usage 2 Times 173.68MB 10:20:21 173.68MB ~ Alert1 ---- Collision Video Loc: Guiyuan intersection in Nanshan District Time: 10:19:22 (1) 05:42:17 173.68MB 10:20:21 173 68M Alert2 ---- Collision Video Loc: Nanyou Avenue, Nanshan District, Shenzhen Time: 10:26:34



13:56:08 🞧



4.5 Stats

The "Stats" interface can query the trip statistics for a selected day or an interval of time. Total stats for all trips during the selected interval will be displayed followed by each trip included in the period.

The "Stats" interface is as shown below:

•••• S	trokei 💎		1:43 pm Stats		80% 🗾	
	2019/8/	13	•	Inte	rval Qu	ery
<			2019/8			>
S	М	т	W	т	F	S
26	27	28	29	30	31	1
2	3	4	5	6	7	8
9	10	(11)	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	3	4	5	6	7
	Idle Tim Total Fu Driver S Hard Re Hard Bra Hard Co LDW: FCW: Driver F Distract Smoking	e Fuel C el Consi core: vving: aking: rnering: atigue: ed Drivi	onsumpti umption: ng:	on:	3 12.8 97. 1 Time 3 Time 1 Time 2 Time 0 Time 1 Time 0 Time	L L 0 25 25 25 25 25 25 25 25 25 25
	(Ð	di.	Ę		1
Live	·	rime	Stats		hum	Adar

Si	tats
2019/8/13 🔹	Interval Query
Total Time: 02:32:08 Idle Time: 00:40:34 Distance: 138 Km Avg Fuel: 8.8 Km / Hr Idle Time Fuel: 9 L Total Fuel: 12.8 L Driver Score: 97.0 Collision Alerts: 3 Times	Hard Revving: 1 Time Hard Braking: 0 Time Hard Cornering: 1 Time LDW: 23 Time FCW: 4 Time Driver Fatigue: 0 Time Distracted Driving: 1 Time Smoking: 12 Time Phone Usage: 67 Time
Trip 1 Time: 09:30:36 - 10:14:2 Start: Nanyou Avenue,1	Alert 0 24 Nanshan District, Shenzhen
Trip 1 Time: 09:30:36 - 10:14:3 Start: Nanyou Avenue, I End: Guiyuan intersecti Total Time: Idle Time: Distance: Avg Speed: Max Speed: Avg Fuel Consumpt Idle Time Fuel Consumpt	Alert C 24 Vanshan District, Shenzhen on in Nanshan District 01:15:28 00:04:32 87 Km 50 Km / Hr 7 Km / Hr ion: 8.8 Km / L umption: 3 L

2	Stats	
2019/8/13 🔹	Interva	al Query
2018-5-17	To 2018-	8-17
Total Time: 02:32:08	Hard Revvin	a: 1 Time
Idle Time: 00:40:34	Hard Braking	: 0 Time
Distance: 138 Km	Hard Corner	ing: 1 Time
Avg Fuel: 8.8 Km / Hr	LDW:	23 Time
Idle Time Fuel: 9 L	FCW:	4 Time
Total Fuel: 12.8 L	Driver Fatigu	ie: 0 Time
Driver Score: 97.0	Distracted D	riving: 1 Time
Collision Alerts: 3 Times	Phone Usage	: 67 Time
Trip 1		Alert
End: Nanyou Avenue, Total Time: Idle Time: Distance:	Nanshan Distric 0 0	t, Shenzhen 1:15:28 0:04:32 87 Km
End: Nanyou Avenue, Total Time: Idle Time: Distance: Avg Speed: Max Speed:	Nanshan Distric 0 0 50 I 7 I	:t, Shenzhen 1:15:28 0:04:32 87 Km Km / Hr Km / Hr
End: Nanyou Avenue, Total Time: Idle Time: Distance: Avg Speed: Max Speed: Avg Fuel Consump	Nanshan Distric 0 0 50 I 7 I 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	:t, Shenzhen 1:15:28 0:04:32 87 Km Km / Hr Km / Hr Km / L
End: Nanyou Avenue, Total Time: Idle Time: Distance: Avg Speed: Avg Speed: Avg Fuel Consump Idle Time Fuel Con	Nanshan Distric 0 50 I 7 I otion: 8.8 sumption:	:t, Shenzhen 1:15:28 0:04:32 87 Km Km / Hr Km / Hr Km / L 3 L
End: Nanyou Avenue, Total Time: Idle Time: Distance: Avg Speed: Max Speed: Avg Fuel Consump Idle Time Fuel Con Total Fuel Consum	Nanshan Distric 0 50 I 7 I ntion: 8.8 sumption: ption:	tt, Shenzhen 1:15:28 0:04:32 87 Km Km / Hr Km / Hr Km / L 3 L 12.8 L
End: Nanyou Avenue, Total Time: Idle Time: Distance: Avg Speed: Avg Fuel Consump Idle Time Fuel Con Total Fuel Consum Driver Score:	Nanshan Distric 0 50 I 7 I stion: 8.8 sumption: ption:	tt, Shenzhen 1:15:28 0:04:32 87 Km Km / Hr Km / Hr Km / L 3 L 12.8 L 97.0
End: Nanyou Avenue, Total Time: Idle Time: Distance: Avg Speed: Avg Speed: Avg Fuel Consump Idle Time Fuel Con Total Fuel Consum Driver Score: Hard Revving:	Nanshan Distric 0 50 i 71 tion: 8.8 sumption: ption: 1	tt, Shenzhen 1:15:28 0:04:32 87 Km Km / Hr Km / Hr 3 L 12.8 L 97.0 1 Times
End: Nanyou Avenue, Total Time: Idle Time: Distance: Avg Speed: Avg Speed: Avg Fuel Consump Idle Time Fuel Con Total Fuel Consum Driver Score: Hard Braking:	Nanshan Distric 0 50 I 7 I stion: 8.8 sumption: ption: 1 0	tt, Shenzhen 1:15:28 0:04:32 87 Km Km / Hr Km / Hr Km / L 3 L 12:8 L 97.0 1 Times) Times
End: Nanyou Avenue, Total Time: Idle Time: Distance: Avg Speed: Max Speed: Avg Fuel Consump Idle Time Fuel Con Total Fuel Consum Driver Score: Hard Revving: Hard Braking: Hard Cornering:	Nanshan Distric 0 50 I 7 in 8.8 sumption: ption: 1 0 2 2	tt, Shenzhen 1:15:28 0:04:32 87 Km Km / Hr Km / Hr Km / L 3 L 12.8 L 97.0 1 Times 3 Times 3 Times
End: Nanyou Avenue, Total Time: Idle Time: Distance: Avg Speed: Max Speed: Avg Fuel Consump Idle Time Fuel Con Total Fuel Consum Driver Score: Hard Revving: Hard Braking: Hard Braking: LDW:	Nanshan Distric 0 50 i 71 i ttion: 8.8 sumption: ption: 1 0 1	t, Shenzhen 1:15:28 0:04:32 87 Km Km / Hr Km / Hr Km / L 3 L 12.8 L 97.0 1 Times 3 Times 3 Times 3 Times
End: Nanyou Avenue, Total Time: Idle Time: Distance: Avg Speed: Avg Fuel Consump Idle Time Fuel Con Total Fuel Consum Driver Score: Hard Revving: Hard Braking: Hard Cornering: LDW: FCW:	Nanshan Distric 0 50 7 stion: 8.8 sumption: ption:	t, Shenzhen 1:15:28 0:04:32 87 Km Km / Hr Km / L 3 L 12:8 L 97:0 1 Times 1 Times 2 Times 2 Times
End: Nanyou Avenue, Total Time: Idle Time: Distance: Avg Speed: Avg Fuel Consump Idle Time Fuel Con Total Fuel Consum Driver Score: Hard Braking: Hard Braking: Hard Braking: Hard Cornering: LDW: FCW: Driver Fatigue:	Nanshan Distric 0 50 i 71 stion: 8.8 sumption: ption: 1 0 1 2 0	t, Shenzhen 1:15:28 87 Km Km / Hr Km / Hr Km / L 3 L 12:8 L 97:0 1 Times 3 Times 2 Times 2 Times 2 Times 2 Times
End: Nanyou Avenue, Total Time: Idle Time: Distance: Avg Speed: Max Speed: Max Speed: Avg Fuel Consump Idle Time Fuel Con Total Fuel Consum Driver Score: Hard Revving: Hard Braking: Hard Braking: Hard Cornering: LDW: FCW: Distracted Driving:	Nanshan Distric 0 50 l 7 stion: 8.8 sumption: ption: 1 2 2 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	t, Shenzhen 1:15:28 0:04:32 87 Km Km / Hr Km / L 3 L 12.8 L 97.0 1 Times 1 Times 1 Times 2 Times 2 Times 1 Times 1 Times
End: Nanyou Avenue, Total Time: Idle Time: Distance: Avg Speed: Max Speed: Avg Fuel Consump Idle Time Fuel Con Total Fuel Consum Driver Score: Hard Revving: Hard Braking: Hard Braking: Hard Consenting: LDW: FCW: Driver Fatigue: Distracted Driving: Smoking:	Nanshan Distric 0 50 7 ttion: 8.8 sumption: ption: 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	t, Shenzhen 1:15:28 87 Km Km / Hr Km / Hr Km / L 3 L 12.8 L 97.0 97.0 1 Times 2 Times 2 Times 2 Times 2 Times 2 Times 2 Times
End: Nanyou Avenue, Total Time: Idle Time: Distance: Avg Speed: Max Speed: Avg Fuel Consump Idle Time Fuel Con Total Fuel Consum Driver Score: Hard Revving: Hard Braking: Hard Braking: Hard Consum Driver Fatigue: Distracted Driving: Smoking: Phone Usage:	Nanshan Distric 0 50 7 ttion: 8.8 sumption: ption: 1 2 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 5 4 5	t, Shenzhen 1:15:28 87 Km Km / Hr Km / Hr Km / L 3 L 12.8L 97.0 1 Times 2 Times
End: Nanyou Avenue, Total Time: Idle Time: Distance: Avg Speed: Max Speed: Max Speed: Avg Fuel Consump Idle Time Fuel Con Total Fuel Consum Driver Score: Hard Revving: Hard Braking: Hard Cornering: LDW: FCW: Driver Fatigue: Distracted Driving: Smoking: Phone Usage:	Nanshan District 0 50 i 71 rtion: 8.8 sumption: ption: 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	t, Shenzhen 1:15:28 0:04:32 87 Km Km / Hr Km / L 3 L 12.8 L 97.0 17 imes 17 imes



4.6 Album

From the "Album" tab, users can playback or download videos stored on the MicroSD card, including "Trip", "Alert" and "Short Record" videos.

- Trip Trip videos are recorded as 3-minute video files. When the MicroSD card runs out of space, the device will automatically delete the oldest video file and record in a cyclic manner. These can be viewed in the "Trip" tab in the Album of the VIA Mobile360 app.
- Alert Includes collision, parking and driver alert videos. The length of the alert video will depend on the value in the settings as explained in section 4.3.1.
- Local Videos which have been downloaded to the connected mobile device are displayed in the "Local" tab in the Album of the VIA Mobile360 app.

Clicking on a video file will begin playback.

To download videos, long press on a video then a blue check mark will appear in the bottom left-hand corner of the video. Click " \bigcirc " in the bottom left-hand corner of the screen to select all videos or individually tap on videos to add to the download group. After selecting the videos, click " \bigcirc " to download them to the connected mobile device. Downloaded videos can be seen in the "Local" tab.





To delete videos from the Local tab, long press on a video then a blue check mark will appear in the bottom left-hand corner of the video. Click " 🔗 " in the bottom lefthand corner of the screen to select all videos or individually tap on videos to add to the download group. After selecting the videos, click " 🗴 " to delete them from the connected device storage.







Note:

Deletion of videos from the inserted MicroSD card can only be done through a PC.



4.7 Me

The "Me" tab provides the opportunity to; change the map service used between Google or Baidu, login to access VIA Fleet Cloud Management QR codes and check the current app version. The "Me" interface is shown as below.

- Choose Map Change the default map service used in the app to either Google or Baidu maps.
- VIA Fleet Login Administrator or driver login portal for VIA Fleet Cloud Management purposes.
- About VIA Mobile360 App Shows the current version of the app installed as well as a link to the user agreement.

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