SYSTEM & SETTINGS USER GUIDE (Owner Mode)



SYSTEM MENU – CONTENTS (25-02-2025)

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SYSTEM MENU OVERVIEW

The **SYSTEM MENU** allows the user to perform **Outback Navigation Information System** (**ONIS**) configuration settings and view **ONIS** system information and log data.

Configuration of the **Tyre Pressure Monitoring System** (**TPMS**) sensor Bluetooth binding and the alarm setpoints are performed from the **TPMS Configuration** app in the **Main Menu**.

Known issues, faults & bugs are listed at the end of this document.

NOTE: Geofence Speed Alerts, Geofence Messages and WWW data updates are N/A in "Personal Mode"



SYSTEM MENU

ADJUST VOLUME / BRIGHTNESS

ADJUST VOLUME / BRIGHTNESS MENU



ADJUST VOLUME / BRIGHTNESS

DEFAULT SETTINGS

DEFAULT SETTINGS OVERVIEW

The **DEFAULT SETTINGS** menu allows the owner / user to set the default parameters of the apps which are used when the **ONIS** starts up.

The owner has the ability to customize various options to allow / prevent the user from viewing some menus or making changes.

The user can add a unique vehicle ID to the **ONIS** which will be used in various screens and log files. The ID is limited to 10 characters and can be a combination of numerals and upper case letters.

NOTE:

The "Set Vehicle ID" option is available to all users that have access to the default setting menu allowing the **ONIS** to be easily moved between vehicles or replaced. The user can then set the correct Vehicle ID to the installed **ONIS** unit.

For future possible auditing requirements by the owner, all changes to the "Vehicle ID" are logged and saved in the **ONIS** secure area and viewable by the owner and the user.



N/A in Personal Mode

Tick to auto start the navigation app when _ the **ONIS** is started.

Set the default – OziExplorer map options.

Display the "Rolling Ave Speed"

Show/Hide the iGO profile menu when starting iGO from the main menu.

DEFAULT SETTINGS MENU

Set owner Wi-Fi SSID to allow app updates. Set Time Zone.

Enable / Disable the **Speed Alert** System.

Speed Alert options.

Select on ? description buttons to display explanations.

DEFAULT SETTINGS MENU LV453

🗹 Geofence Messages ?

Count Down Timers ?

🗹 Auto Start Navigation ?

Set OziExplorer Map "Coarse Up" **?**

Show OziExplorer "Pointer Compass Ring" ?

🔽 Show OziExplorer "Rolling Speed Ave" ?

Show IGO Profile Selection Menu ?

LV453 Set Vehicle ID ?

Exit back to the View the ID system menu.

ID LOG

 Speed Alerts ?
Adaptive ?
Geofence ?
Voice ?
Continuous Audio ?
Set 110 km/h Max Speed Alert ?
Set Time Zone ? (Australia/Perth) Connected WiFi=iiNet371133 Set WiFi ? Signal Strength = 5/9 Download Speed = 81Mbps
Set Vol & Brightness ?

Set Owner Options ? Code 65468

Set the Vehicle ID / Registration.

10:07:29 N/A in Personal Mode

Select to set the default volume / brightness.

? To show option explanations.

Open Owner Menu

SET OZIEXPLORER COURSE UP AS DEFAULT





SET OZIEXPLORER NORTH UP AS DEFAULT





SHOW OZIEXPLORER COMPASS RING



The top of the compass ring (when "course up" is selected, is the vehicle travelling direction. E.g. South in this instance.



SET DEFAULT TIME ZONE

Exit without changing.

Scroll the screen to choose and select the correct time zone for your region.

	← Select time zone	:
	Perth GMT+08:00	
APRIL 1	Taipei GMT+08:00	
	Seoul GMT+09:00	
No. 1 No.	Tokyo GMT+09:00	
No. Charles	Yakutsk GMT+09:00	
	Darwin GMT+09:30	
	Brisbane	

NOTE: Incorrect time zone setting will lead to incorrect log data time stamps.



Sort alphabetically.

SET WiFi



Displays t connecte

Select the required Wi-Fi and then enter the password to authenticate and save.

he c d W	urrent i-Fi SSID.	
Wi-Fi		
On		•
V a	iiNet371133 Connected	
V a	TelstraEE71C3	
V a	WiFi-9998	
V à	TelstraD32A76	

Fyit

INTERACTIVE HELP INFORMTION



The user can set and connect to a WiFi SSID.

Note:

Exit₄

The WiFi must be set to the Owner SSID.

We strongly recommend only having 1 WiFi connection in the table and this can be achieved by selecting non used WiFi connections and selecting "forget".

SET DEFAULT VOLUME / BRIGHTNESS



DEFAULT USER SETTINGS

OWNER OPTIONS

OWNER OPTIONS OVERVIEW

The **OWNER OPTIONS** menu allows the owner to set various parameters on the **ONIS** which will provide the users with a consistent secured device, across the fleet.

Most options are a "check box" to enable / disable and each option has an adjacent help option with the "?"

Refer to the "Owner Options" for more detail.

OWNER OPTIONS MENU



OWNER OPTIONS MENU

TPMS SETTINGS

TPMS SETTINGS

The ONIS features an integrated TPMS.

The **TPMS** sensor monitoring menu allows the user to easily enable or disable any of the wheel sensors.

The navigation app uses this information to determine which sensors must be monitored for the **TPMS** health feature.

Included is a quick set *Low Pressure Alarm* setting of 16 PSI or 28 PSI, allowing the user to easily and quickly toggle between these two values for highway driving (28 PSI) or reduced wheel pressures (16 PSI) for sand driving.

TPMS wheel sensor binding is performed using the **TPMS** Configuration app from this menu.



TPMS SENSOR MONITORING

VIEW TPMS TESTS



VIEW TPMS TESTS

VIEW TPMS ALARMS

TPMS alarm information.

VIEW TPMS ALARMS

Screen capture image of a TPMS Alarm whilst the navigation app was running.

Red = Alarm.





VIEW TPMS ALARMS

VIEW TPMS TEST LOG

VIEW TPMS TEST LOG



TPMS TEST LOG (All logs are retained)

◄

DATE	TIME	ONIS S/N	VEHICLE ID	LP S/P	TYRE LOC & ID
20230821, 20230821, 20230821, 20230821, 20230821,	17:05:45, 17:05:16, 17:04:01, 17:04:38,	001001-22601371, 001001-22601371, 001001-22601371, 001001-22601371,	LV453, LV453, LV453, LV453, LV453,	28 PSI, 28 PSI, 28 PSI, 28 PSI, 28 PSI,	RL (3) 321DD4 RR (4) 42191E FR (2) 21A5B5 RR (4) 42191E

Exit back to the *SYSTEM* menu.

VIEW TPMS TEST LOG

VIEW TPMS ALARM LOG

VIEW TPMS ALARM LOG

<



Exit back to the **SYSTEM** menu. -

PMS ALA	MS ALARM LOG (All logs are retained)								
DATE	TIME	ONIS S/N	VEHICLE ID	LATITUDE	LONGITUDE	KM/H	LP S/		
0240321.	11:08:23.	001001-22601371.	LV453.	-31.894307.	116.225876.	105.	28 PS		

	,	/					
20240321, 09:06:	14, 001001-22601371,	LV453,	-31.894709,	116.225012,	105,	28 PSI,	RR(4) 42EA3
20240321, 17:06:	01, 001001-22601371,	LV453,	-31.895103,	116.225682,	105,	28 PSI,	FL(1) 13AE3
20230921, 15:04:	03, 001001-22601371,	LV453,	-31.894707,	116.225787,	105,	28 PSI,	FR(2) 21A5B

TYRE LOC & ID RL(3) 31A4B5

Scroll screen up & down to view information

VIEW TPMS ALARM LOG

VIEW DAILY MAXIMUM SPEED LOG

VIEW DAILY MAXIMUM SPEED LOG

SYSTEM MENU - LV453					
Default Settings	TPMS Settngs Sensor 1 ID = 121A6F Sensor 2 ID = 21A5B5	SHUTDOWN	REBOOT	ŀ	
Volume & Brightness	Sensor 3 ID = 321DD4 Sensor 4 ID = 42191E LP Alarm = 28 psi	View TPMS Tests	Battery 31 deg C 100 %	ł	
WWW Data Update	View Startup Tips	TPMS Test Log	System Log T&Cs	ŀ	
WWW GPSIS App Update	View Startup Message	Daily Max Speed Log	Update & Build Log QR code		
	USER GUIDE SAT VIEW	Satellite Log Serial Num	CV453 GPSIS-0000001001 ber: 001001-22601445		

Exit back to the **SYSTEM** menu.

DAILY MAXIMUM SPEED LOG

◀

DATE	TIME	ONIS S/N	VEHICLE ID	LATITUDE	LONG ITUDE	KM/H
20240328,	08:26:35,	011001-22601434,	LV453,	-33.676228,	115.274920,	Ave, 98
20240328,	08:25:25,	011001-22601434,	LV453,	-33.673378,	115.294785,	Max, 100
20240327,	12:23:21,	011001-22601434,	LV453,	-33.671040,	115.338337,	Ave, 80
20240327,	10:36:20,	011001-22601434,	LV453,	-33.671018,	115.320223,	Max, 84
20240326,	17:09:39,	011001-22601434,	LV453,	-33.657957,	115.387697,	Ave, 92
20240326,	17:08:28,	011001-22601434,	LV453,	-33.656308,	115.406733,	Max, 101
20240324,	10:24:17,	011001-22601434,	LV453,	-31.889685,	116.063198,	Ave, 4
20240324,	09:51:10,	011001-22601434,	LV453,	-31.890282,	116.063495,	Max, 11

VIEW DAILY MAXIMUM SPEED LOG

VIEW DAILY DISTANCE TRAVELLED LOG

VIEW DAILY DISTANCE TRAVELLED LOG



Exit back to the **SYSTEM** menu.

DAILY DISTANCE TRAVELLED LOG

◄

DATE	ONIS S/N	VEHICLE ID	KM`s
20230821,	001001-22601371,	LV453,	30
20230820,	001001-22601371,	LV453,	12
20230819,	001001-22601371,	LV453,	76
20230818,	001001-22601371,	LV453,	56
20230817,	001001-22601371,	LV453,	33
20230816,	001001-22601371,	LV453,	26
20230815,	001001-22601371,	LV453,	145
20230814,	001001-22601371,	LV453,	12
20230813,	001001-22601371,	LV453,	346
20230812,	001001-22601371,	LV453,	12
20230811,	001001-22601371,	LV453,	563
20230810,	001001-22601371,	LV453,	87
20230809,	001001-22601371,	LV453,	0
20230808,	001001-22601371,	LV453,	0
20230807,	001001-22601371,	LV453,	0
20230806,	001001-22601371,	LV453,	0

VIEW DAILY DISTANCE TRAVELLED LOG

VIEW STARTUP TIPS IMAGE GALLERY

VIEW STARTUP TIPS IMAGE GALLERY

The **ONIS** features a startup tip when the navigation app is started. (If enabled by the **ONIS** owner).

The images are .png format and are preloaded into the **ONIS** with one image displayed when the navigation app is started.

The images will be cycled through the entire gallery and then begin at the beginning.

The user can view all the images by selecting View Startup Tips
VIEW STARTUP TIPS IMAGE GALLERY

Scroll the screen UP / DOWN to display the images.





Exit back to the **SYSTEM** menu.

Image description that will be displayed when the navigation app is started.

Image number.

VIEW STARTUP TIPS IMAGE GALLERY

VIEW STARTUP MESSAGE

VIEW STARTUP MESSAGE

The **ONIS** features a startup message when the navigation app is started. (If enabled by the **ONIS** owner).

The startup message is .png format and is preloaded into the **ONIS** and displayed when the navigation app is started.

The user can view the startup message by selecting View Startup Message

The startup message is also complimented with an audio beep and voice.

The **ONIS** will use a default **Keep Left Message** if the owner enables this feature and does not load a message.

DEFAULT STARTUP MESSAGE





EXAMPLE STARTUP MESSAGE



VIEW STARTUP MESSAGE

VIEW GPS SATELLITES

SYSTEM MENU - LV453						
Default Settings	TPMS Settngs Sensor 1 ID = 121A6F Sensor 2 ID = 21A5B5		SHUTDOWN		REBOOT	
Volume & Brightness	Sensor 3 ID Sensor 4 ID LP Alarm = 3	= 321DD4 = 42191E 28 psi	View TPMS Tests	View TPMS Alarms	Bat 31 deg C	tery 100 %
WWW Data Update	View S Ti	tartup ps	TPMS Test Log	TPMS Alarm Log	System Log	T&Cs
WWW GPSIS App Update	View S Mes	startup sage	Daily Max Speed Log	Daily Dist Travel Log	Update & Build Log	GPSIS www QR code
	USER GUIDE	SAT VIEW	Satellite Log	Vehicle ID: LV4 Android ID: GF Serial Number	453 PSIS-000000100 :: 001001-22601	11 445

VIEW GPS SATELLITES

Reset the GPS Satellites.

reset

 GPS

 latitude: -33.654767

 longitude: 115.322497

 height: -4.4 m

 speed: 0 km/h

 Time: 2022/10/25 08:04:54

 5
 14
 14
 13
 0
 0
 0
 0
 0

Exit screen.

Location Information.



VIEW GPS SATELLITES

GPS SATELLITE LOG

GPS SATELLITE LOG

VISIBLE SATELLITELOG

SYSTEM MENU - LV453					
Default Settings	TPMS Settngs Sensor 1 ID = 121A6F Sensor 2 ID = 21A5B5	SHUTDOWN		REBOOT	
Volume & Brightness	Sensor 3 ID = 321DD4 Sensor 4 ID = 42191E LP Alarm = 28 psi	View TPMS Tests	View TPMS Alarms	Batt 31 deg C	tery 100 %
WWW Data Update	View Startup Tips	TPMS Test Log	TPMS Alarm Log	System Log	T&Cs
WWW GPSIS App Update	View Startup Message	Daily Max Speed Log	Daily Dist Travel Log	Update & Build Log	GPSIS www QR code
	USER GUIDE SAT VIEW	Satellite Log	Vehicle ID: LV4 Android ID: GF Serial Number	453 PSIS-000000100 :: 001001-22601	1 445

DATE TIM	1E SATE	LLITES L	ATITUDE	LONG ITUDE		
20250223, 12:38	8:48,	11, -	31.892570,	116.016918		
20250223, 12:38	8:40,	11, -	31.892570,	116.016918		
20250223, 12:38	3:32,	11, -	31.892472,	116.016955		
20250223, 12:38	3:24,	10, -	31.892472,	116.016955		
20250223, 12:38	3:17,	9, -3	1.892472,	116.016955		
20250223, 12:38	3:07,	10, -	31.892543,	116.016930		
20250223, 12:37	':59 <u>,</u>	10, -	31.892490,	116.016967		
20250223, 12:37	':50,	10, -	31.892572,	116.016927		
20250223, 12:37	/:43,	10, -	31.892532,	116.016923		
20250223, 12:37	/:20,	10, -	31.892628,	116.016822		
20250223, 12:37	/:10,	9, -3	1.892557,	116.016815		
5022 12.37	<i>เ</i> บง	ຊ _ຊ	1 202505	116 በ16ዪ1በ		
	Scro	ll screen up & dov	wn to view inforn	nation		

12:40:19

GPS SATELLITE LOG

HOW TO VIEW TERMS & CONDITIONS

HOW TO VIEW TERMS & CONDITIONS

Default Settings	TPMS Settngs Sensor 1 ID = 121A6F Sensor 2 ID = 21A5B5	SHUTDOWN		REBOOT	
Volume & Brightness	Sensor 3 ID = 321DD4 Sensor 4 ID = 42191E LP Alarm = 28 psi	View TPMS Tests	View TPMS Alarms	Batt 31 deg C	ery 100 %
WWW Data Update	View Startup Tips	TPMS Test Log	TPMS Alarm Log	System Log	T&Cs
WWW GPSIS App Update	View Startup Message	Daily Max Speed Log	Daily Dist Travel Log	Update & Build Log	GPSIS www QR code
	USER GUIDE SAT VIEW	Satellite Log	Vehicle ID: LV4 Android ID: GP Serial Number	153 ISIS-000000100 I: 001001-22601	1 445

SYSTEM MENU - LV453

For latest and current version, visit gpsis.com.au

GPS Integrated Solutions" (Effective 07/08/2022)

OVERVIEW

These "Terms & Conditions" shall apply to "GPS Integrated Solutions", "4J Automation Pty Ltd ACN 648 458 388", "The 4J Investments Trust ABN 29 815 021 432" and any customer, owner, driver or user of our goods or services.

The current "Terms & Conditions" can be found at www.gpsis.com.au and will replace any previous version.

CONTENTS

- 1. Governing Law
- 2. Definitions
- 3. General Agreement

1 Marranty

Disagree & Shutdown

Scroll screen up & down to view information

Agree & Continue

Select to continue.

Selecting this option will shutdown the **ONIS**.

SYSTEM LOG

Most recent system log inc T&C's acceptance by the user.

SYSTEM LOG

20240331, 14:24:09, T&Cs agreed by user for S/N 001001-22601445, device ID GPSIS-0000001001 20240331, 14:23:55, Starting System Menu 20240331, 13:53:26, Startup Process Complete 20240331, 13:51:38, ONIS STARTUP 20240331, 13:50:13, ONIS Reboot by User 20240331, 13:49:53, Opening WWW Data Update Menu 20240331, 13:49:39, Starting System Menu 20240331, 13:46:16, Startup Process Complete 20240331, 13:42:27, Exiting "System & Settings" Mode 20240331, 13:42:03, Exit Owner Options - Code = 65532 20240331, 13:41:04, Opening Owner Options Menu 20240331, 13:40:59, Starting "System & Settings" Mode 20240331, 13:40:42, Starting System Menu 20240331, 13:38:48, Startup Process Complete 20240331, 13:37:02, ONIS STARTUP 20240331, 13:35:32, ONIS Reboot by User 20240331, 13:35:28, Exit Owner Options - Code = 65532 20240331, 13:34:54, Opening Owner Options Menu 202/0331 13:31.13 Starting "System & Settings" Mode

Scroll screen up & down to view information

10:11:53 SYSTEM MENU - LV453 Default **TPMS Settngs** SHUTDOWN REBOOT Settinas Sensor 1 ID = 121A6F ensor 2 ID = 21A5B5 Sensor 3 ID = 321DD4 ensor 4 ID = 42191E Volume & Battery view TPMS P Alarm = 28 psi Brightness Tests 31 deg C 100 % View Startup WWW TPMS TPMS System Log T&Cs Alarm Log Data Update Test Log Tips WWW GPSIS /iew Startup Daily Max Update & CPSIS www Daily Dist App Update Message Speed Log Travel Log Build Log OR code Vehicle ID: LV453 SAT USER Satellite Android ID: GPSIS-0000001001 GUIDE VIEW Log Serial Number: 001001-22601445

Exit back to the **SYSTEM** menu.

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HOW TO VIEW TERMS & CONDITIONS

WWW UPDATE APPS

WWW UPDATE APPS

ONIS apps can be updated from www.gpsis.com.au

To perform app updates, the **ONIS** must be connected to a WiFi SSID. (this can be set from the "Default Settings Menu")

If an update is available the update app information will appear in the update menu once the user has requested the update. The **ONIS** will perform integrity checks on the downloaded app to ensure it is a later version than the installed app.

The **ONIS** owner has the ability to allow or prevent the user from updating any WiFi updates.



WWW UPDATE APPS

For latest and current version, visit gpsis.com.au



Select on the ? buttons to display explanations.

Exit back to the *SYSTEM* menu.

WWW UPDATE APPS

WWW UPDATE DATA



WWW UPDATE DATA

ONIS data can be updated from the owner defined download site.

To perform data updates, the **ONIS** must be connected to a WiFi SSID. (this can be set from the "Default Settings Menu")

The downloaded data must be in the correct format or it will be rejected.

The downloaded data WILL replace (not append) the existing data in the ONIS.



WWW UPDATE DATA

Select on the ? buttons to display explanations. Customer download description.

Logs that provide download status.



Exit the "Update Menu"

Displays the current web site URL. This can be configured from a configuration file.

WWW UPDATE DATA

INSTALLATION REQUIREMENTS

INSTALLATION REQUIREMENTS

The customer supplied **PND** that the **ONIS** suite is installed SHALL comply with all of the following conditions:

. Does not impede or obstruct the drivers view or other vehicle operation functions

- . Is easily reachable so the driver can perform **ONIS** operations (when it is safe to do so)
- . Is installed and mounted by a competent person using best practices

. Is connected and powered by the 12V vehicle ignition (or accessories) and is only powered up (and charging) when the vehicle is occupied – do NOT leave the **ONIS** on charge unattended.

. Is only powered and connected by the GPSIS supplied 12V adapter and cables

. Has the manufacturer's SD card "left side cover" fitted (screwed) to the **PND** to provide IPX7 weather protection if the **ONIS** is used in dusty or damp environments

. Is not installed so that it will interfere with a "vehicle air bag" deployment

INSTALLATION REQUIREMENTS

The windscreen suction cup mounting method is not permanent and will fall from the windscreen, periodically – we have experienced suction periods of up to 4 weeks. We recommend using the "ball joint" extension piece and accessories, in preference to the window suction cup, and securely mounting to a vehicle fixed point wherever possible, for permanent installations.

The **ONIS** cradle is installed so that it avoids or minimises direct sun exposure and vehicle obstructions such as pillars etc and has the best view possible for finding the GPS satellites. If the **ONIS** cradle is mounted low on the windscreen and in direct sun exposure, we insist that it is provided with an additional sun shade or cover (with adequate ventilation). If the **ONIS** is mounted in front of a vehicle vent, ensure that the heating cycle does not overheat the **ONIS**.

IMPORTANT - IF IT IS TOO HOT FOR YOUR HAND OR MOBILE PHONE TO REMAIN IN THE ONIS LOCATION FOR ANY LENGTH OF TIME, THEN IT IS TO HOT FOR THE ONIS TO BE MOUNTED IN THIS LOCATION.

NOTE: extreme high temperatures can cause a premature lithium battery failure and in a worst case scenario, battery explosion or fire – The ONIS MUST be kept below 60 deg Celsius or shutdown by the user. Operating the ONIS above 60 deg C for lengthy periods may void warranty and/or Australian consumer guarantees.

INSTALLATION REQUIREMENTS

OPERATIONAL REQUIREMENTS & INFORMATION

The **ONIS** SHALL only be operated within the Law, Road Traffic Codes, Acts and Regulations and it is the responsibility of the **ONIS** user to ensure that they meet these requirements noting that these may vary in different jurisdictions.

Use the vehicle speedometer as the speed indication device to comply with the regulatory speed limits.

The **ONIS** SHALL be considered as a navigation aid and NOT be relied on as the only source of navigation, location, distance, speed or any other navigational parameter. The user should always rely on their own navigational skills using official printed maps, compass, road signs, odometer readings and other basic fundamental skills and be competent in these skills.

The **ONIS** SHALL be considered as a driving aid and NOT be relied on as the only source of data and information for the tyre pressures, tyre temperatures or any other vehicle parameter provided by the various apps installed on the **ONIS**. The user should always rely on their own common sense, vehicle alarms and indicators and perform vehicle checks at regular intervals which can also be used to test the **ONIS** functions. The driving conditions may also affect the time intervals between the vehicle checks (e.g. harsh terrain would require more frequent checking of tyre condition).

The driver is solely responsible for their own driving capability, and the **ONIS** SHALL NOT be relied on to manage driving fatigue. The **ONIS** driving fatigue timer is a pre-configured 120 minute timer which advises the driver to rest after 120 minutes of driving, and is a general guide for fatigue management. If a driver is fatigued at any time they MUST park the vehicle and rest regardless of the driving time duration.

A prudent design philosophy for the **Geofence Speed Alert** and **Geofence Message** functions is required to achieve correct and optimum results. The **Geofence** system when configured correctly is a powerful aid for the driver however if configured poorly, it MAY result in unexpected messages and misleading warnings. e.g. as the **ONIS** scan cycle is approximately 5-10 seconds, a vehicle travelling at 60 km/h (17 m/s) may pass through a **Geofence** area before it has been processed by the **ONIS**. For this reason, it is possible that the **ONIS** may miss a "singularly configured" **Geofence** 7, 8 or 9 precision entries at higher speeds.

If weather conditions do not allow for adequate and safe driver visibility do not continue driving. It is the sole responsibility of the driver to drive to the surrounding environment conditions.

The **ONIS** incorporates some functions that we have deemed "non essential" as these are dedicated to settings or non driving vehicle safety information.

We have either disabled or displayed messages for these functions whilst the vehicle is in motion however if the **ONIS** is still searching for satellites (i.e. after initial startup) then the **ONIS** is unable to determine if the vehicle is in motion - In these circumstances, a warning message will be displayed and the driver SHALL not use these functions until the vehicle is PARKED.

It is the sole responsibility of the **ONIS** user to ensure that the **ONIS** is ONLY operated when it is safe to do so and DOES NOT distract the driver from maintaining vehicle control – if the user is unsure, PARK the vehicle to perform the task.

NOTE:

The ONIS requires a minimum of 2% battery capacity to start the operating system.

If the **ONIS** does not start when powered in the cradle or powered by the USB cable, it may be that the **ONIS** battery is completely depleted - leave on a power source for 20-30 minutes and retry.

To reduce risk of fire or damage and assist in longevity of battery life, the **ONIS** <u>MUST</u> be removed from the cradle and be stored, protected or covered, so that it is not in direct sunlight, when the vehicle is not being driven.

Do not leave the **ONIS** in the sun unused for long periods as dashboard temperatures in vehicles without air circulation can easily exceed 60 deg C, and the black cradle will absorb the heat.

If the **ONIS** battery temperature sensor is available, when the navigation app is running the **ONIS** will monitor the battery temperature and warn the driver when the temperature exceeds 60 deg C. The current **ONIS** battery temperature (if available) can be viewed in the "System Menus" Do NOT leave the **ONIS** on charge (cradle power or USB power), unattended. Treat the **ONIS** with the same respect as a mobile phone.

NOTE: extreme high temperatures can cause a premature lithium battery failure and in a worst case scenario, battery explosion or fire – The ONIS MUST be kept below 60 deg Celsius or shutdown by the user. Operating the ONIS above 60 deg C for lengthy periods may void warranty and/or Australian consumer guarantees.

The **ONIS** is a complex micro computing device with numerous apps installed, some interfacing between other apps and all demanding system resources. From time to time there will be errors and inconsistencies and "rebooting" the **ONIS** should clean out memory buffers and ensure that the device performs as designed. If "rebooting" does not rectify problems and the same fault is repeated consistently, then contact **GPSIS**.

We have made every attempt to ensure that **ONIS** is fault free and functions correctly. The **ONIS** has been subjected to many hours of workshop and field testing to ensure the design build & philosophy meet the highest standard of quality and customer expectation.

Occasionally you may select an app from the *Main Menu* and it does not respond (especially if you have just exited from another app). This is not a bug and occurs because there are many apps all competing for the Android system resources and this may prevent the app from starting immediately. If the problem is consistent, (i.e. the selected app just won't start) contact *GPSIS*.

The **ONIS** MUST be treated with care and hard pressing the screen is not required. Dropping objects or hard pressing can damage the keypad leading to inconsistent and random key presses, without any user input. The **ONIS** should be treated with the same level of care and respect as a smart phone.

The primary function of the **ONIS** is a PND incorporating **OziExplorer**, **iGO**, **TPMS**, **Speed Alert**, **Driving Fatigue Timer**, **Driving Logging** and the **Geofence** functions. If this functionality is working, then we deem the **ONIS** to be functioning correctly.

The **ONIS** has been designed and developed as a standalone offline device. All network traffic is blocked (deny ALL mode) and the **ONIS** does not support a SIM card. The Bluetooth connectivity is limited to the **TPMS** wheel sensors and other peripherals that my be supplied by **GPSIS** at later date. We do not collect any personal data however we do log **ONIS** navigation data, **PND** system parameters and debug log data to both the internal memory areas and the removable external SD card.

Some log data is easily available and accessible to you and some data is protected but can be supplied to you on request. The protected data ensures that in an event of a serious vehicle incident the **PND** can be returned to us and we can then extract incident related data (if it exists) and provide an independent verified report to you.

KNOWN ISSUES, FAULTS & BUGS

KNOWN ISSUES, FAULTS & BUGS (not covered by warranty)

Q. Why do I occasionally get a message "An app wants to turn Bluetooth ON for this Device" ? There are many apps installed on the **ONIS** and all apps compete for system resources. Select "Allow" from the popup message. If the problem is consistent (i.e. every instance after a reboot), contact **GPS Integrated Solutions (GPSIS)**.

Q. The **ONIS** has locked up on a screen and I can't select any option including "Exit" - What can I do?

If user "key presses" are NOT functioning, remove the **ONIS** from the cradle / mount and let it power down.

OR

If this does not work, press the small reset button on top left, and reboot.

OR

If this does not work, press the small reset button on the rear (use a paper clip).

OR

If the device is still not functioning or will not power up, contact GPSIS.

Q. Occasionally I select an app from the *Main Menu* and it does not respond or responds slowly!

There are many apps installed on the **ONIS** and all apps compete for system resources. If the problem is consistent (i.e. every time even after a reboot), contact **GPSIS**.

Q. Why doesn't the **ONIS** power down after removing the DC supply? If the ONIS power is cycled during the ONIS startup, it may not shutdown on the next occasion the power is removed. If user "key presses" are NOT functioning, remove the **ONIS** from the cradle / mount and let it power down. OR If this does not work, press the small reset button on top left, and reboot. OR If this does not work, press the small reset button on the rear (use a paper clip). OR If the device is still not functioning or will not power up, contact **GPSIS**.

Q.Why does my **ONIS** not display the battery temperature? Some of the earlier manufactured ONIS units did not have this sensor configured. Q.Why doesn't the **ONIS** WiFi automatically reconnect to my Hotspot device?

GPSIS has tested the WiFi connectivity of the *ONIS* with the *NBN, Samsung Galaxy* phone (Android) and the *Apple iPhone 13*.

We have experienced connection inconsistencies with the *iPhone* device when the *iPhone* is moved away from the *ONIS*. This may well be compatibility issues between *Android* and *Apple* and is not the *ONIS* as both the *NBN* and *Samsung Galaxy* connections have reconnected automatically when in range.

In this instance, the user will have to toggle the *iPhone* Personal Hotspot "Allow Others to Join", which should reconnect the *ONIS*.

If the **ONIS** remains disconnected open the **ONIS** WiFi menu and confirm that the device is connected to the configured **SSID**.

If an "Authentication Problem" message is displayed then the user may need to "Forget" the connection and then reconnect and authenticate.

KNOWN ISSUES, FAULTS & BUGS

BUILD INFORMATION

BUILD INFORMATION

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For Sales,	Support and	i current i &Cs	, contact

GPS Integrated Solutions

www.gpsis.com.au

For support please also provide the following information:

Model: M5S PRO Device: MRA58K S/N: 0002-22601445 Device ID: E5CCD869CB6D Warranty Expiry is 12 months from invoice date. Startup ver 2539 GPS ver 5448

Installed 3rd Party Packages

◄

Scroll screen up & down to view information

Exit back to the SYSTEM menu.

app Versions installed.

SYSTEM MENU - LV453 TPMS Settngs Default SHUTDOWN Settinas ensor 1 ID = 121A6F ensor 2 ID = 21A5B5 ensor 3 ID = 321DD4 Sensor 4 ID = 42191E Volume & Battery /iew TPMS Tests P Alarm = 28 psi Brightness 31 deg C 100 % View Startup TPMS TPMS System Log T&Cs Test Log Data Update Alarm Log Tips √iew Startu WWW GPSIS Daily Max Speed Log Daily Dist Update & GPSIS www App Update Travel Log Build Log QR code Message Vehicle ID: LV453 USER Satellite Android ID: GPSIS-0000001001 GUIDE VIEW

Log

erial Number: 001001-22601445





Scan this QR code to visit gpsis.com.au



Exit back to the *SYSTEM* menu.

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BUILD INFORMATION

SPECIFICATIONS & HARDWARE
SPECIFICATIONS

LCD Screen: 5" TFT LCD display Resolution 800RGB(H)x480(V) CPU: MTK8163 Cortex A53x4 1.3GHz Memory: 1 GB DDR, 16GB Flash Touch Screen: Capacitance type, 5-point touch USB Interface: USB 2.0, MINI USB port Battery: Built-in rechargeable Li-ion Battery Capacity: 3000 mAh @ 3.7V Micro SD Support: Micro SD card up to 32GB SDHC Class 10 Charging Input: DC 5V @ 1.5A Car Charger Input: DC 12V; Output 5V @ 1.5A

SPECIFICATIONS

Operation System: Android 6.0 64Bit

Video Player Support: .MOV

Audio Player: .MP3

Photo Viewer: .PNG

Operating Temperature: -10 degC to 60 degC

Storage Temperature: -20 degC to 60 degC

Working Humidity: 45% to 80% Relative Humidity

Storage Humidity: 30% to 90% Relative Humidity

Atmospheric Pressure: 86KPa to 106KPa

Startup time to navigation app (auto startup & TPMS configured): Approx 2 mins & < 3 mins

HARDWARE





1.LCD Screen	5" TFT display with touch screen
2.Power Button	Turn on/off the GPS navigator
3. Micro SD Card Slot	Support Micro SD card up to 32GB
4. USB Port	USB 2.0, MINI USB port
5. Micro Charging Port	Connect with the power
6.Loudspeaker	Stereo HD speaker
7.Reset button	Restart OS