

IVMS TRACKER

The Fleet Office IVMS system has been designed to monitor the essential elements of driver behaviour, whilst still maintain the fast and easy fit.

THE SYSTEM

- Identifies drivers individually by key fob.
- Identifies and reports on speeding (gazetted speed limits).
- Notifies if the vehicle is used without swiping in.
- Identifies if a driver does not use a seatbelt.
- Identifies and reports harsh driving events and impact/collisions (all separately identified "Harsh left turn" etc.).
- Identifies a vehicle rollover or tilt event +90 degrees.
- Includes a duress button which immediately notifies the Fleet Team.
- Manages fatigue by warning when a fatigue limit is approaching and alerts the driver and management if a fatigue limit is breached.
- If required, the device can be upgraded to read engine data including high revs.



RRP \$479+GST

Subscription from \$24/month

*Reduced price for larger quantities

TYPICAL APPLICATIONS



SPECIFICATIONS



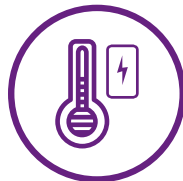
OPERATING TEMPERATURE

-30° C to +75° C
-10° C to +60° C (When using Internal Battery Power)



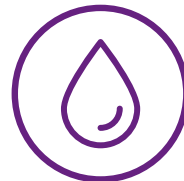
STORAGE TEMPERATURE

-40° C to +85° C
0° C to +30° C (Long Term w/Internal Battery)



INTERNAL BATTERY CHARGING TEMPERATURE

+5° C to +45° C



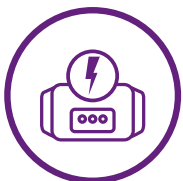
HUMIDITY

0% to 95% relative humidity, at 50° C non-condensing



GPS

50 channel (with SBAS, DGPS) GPS Receiver
2m CEP (with SA off)
-160 dBm tracking sensitivity



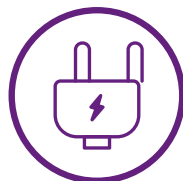
ELECTROMAGNETIC COMPATIBILITY (EMC/EMI)

SAE Test: SAE J1113 Parts 2, 12, 21 and 41 Compliant
FCC Part 15B Compliant
Industry Canada Compliant
EMC compliant for a ground vehicle environment



OPERATING VOLTAGE RANGE

7 - 32VDC



POWER CONSUMPTION

Active Standby :70mA at 12VDC
Sleep on Network (SMS): 10mA
Sleep on Network (GPRS): 20mA
Deep Sleep: 3mA



COMMUNICATIONS (COMM)

Quad Band Class 12 GPRS Modem
850 MHz (Class 4) - 2W
900 MHz (Class 4) - 2W
1800 MHz (Class 1) - 1W
1900 MHz (Class 1) - 1W
GPRS Packet Data (UDP) SMS

ROHS COMPLIANT



SHOCK AND VIBRATION

SAE Test: SAE J1455 Compliant
Mil Standard 202G and 810F Compliant
Ground vehicle environment with associated shock and vibration

ADDITIONAL FEATURES

This device can be reprogrammed over the air to de-activate the IVMS features when not required so the device becomes a passive tracker.