

1SYSTEM®

Release Notes - IRTPMS

from



1 Modifications

Date	Modifications	Author	Version	Modified Sheets	Approved		
					By	Date	Signed
9/12/2024	New Document	GA	V1.7	All	GU	16/12/2024	GU

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2 History

v1.7 – 26th September 2024

- Sensor Idle State implementation to improve battery life.
- Fault state reporting behaviour changes to improve battery life.
- Bug fix to prevent IR internal communication looping.

v1.6 – 7th August 2024

- Added an additional timer event when scheduling adverts to mitigate against a failed timeout response from the BT stack.
- Added a watchdog reset to the core advertising state machine. This additional mechanism is to mitigate against the update described above.

v1.5 – 12th April 2024

- Re-evaluate sampling in Slow State.
- Fix temperature reporting to include negative temperatures.
- Bug fix for ignoring acceleration errors when maximum limit achieved whilst moving, as flag was not reset.
- Significant reduction in the fault advertising duration and interval to reduce the interruption to normal TPMS operation to ~7s.
- Improve I2C communication reliability to the MLX device in low battery scenarios.

v1.4 – 19th September 2023

- Ignore acceleration errors when maximum limit achieved whilst moving.
- Add extra error codes for IR system.
- Improved IR recovery logic before locking out to TPMS mode only.

v1.3 – 28th November 2022

- Initial Release.