CORETEX

TMU1500

See your vehicles in high definition

- CAN/RS232/RS485

- Dual mode Bluetooth 4.0

- Classic and low energy

- Reserve battery

- High performance internal cellular & GPS antennas for ease and flexibility of installation of device

- Auto-calibrating 3-axis accelerometer

- Configurable and modular for expansion

- Multiple I/O for activity monitoring and peripheral support

- Intelligent power management

- Automatic over-the-air configuration and upgrade

- Fail-safe technology

- Voltage protection

The TMU1500 from Coretex is a highly detailed and configurable device, with high sensitivity GPS for reliable location & tracking, as well as patented triple-axis accelerometer motion sensing technology for detecting aggressive driving maneuvers such as harsh acceleration, braking and cornering, and high-impact events.

Specialised for Cold Chain

The TMU1500 is a highly configurable device, with specialization in the cold chain sector for reefer units. It can easily interface with both Carrier and Thermo King units, with simple third party connectors. Operating in extreme temperature variations (-40° to +85° C) and inside a purpose built rugged enclosure, the TMU1500 will give you full visibility into your trailers.

Over-the-air Serviceability

TMU1500 incorporates Coretex industry leading over-the-air device management and maintenance software. Customers can manage devices individually or by groups and Coretex can configure parameters including firmware remotely. Coretex offers out-of-the-box, hands-free configuration and automatic post installation upgrades to monitor device health status to quickly identify issues before they become expensive problems.

TMU1500 Specifications

General

Communication Modes	4G
	RS232 / USB / CAN / RS485
Bluetooth	Dual Mode 4.0
Wifi	Yes

Memory

RAM	512MB DDR3L
Internal	4G NAND Flash
	G2 x Micro SD slots

Physical

Dimensions	16 x 9 x 5.5cm
Weight	300 - 500g

Electrical

Operating Voltage	8-32V DC
Power Consumption	2W awake
	0.1W asleep

Environmental

Temperature	-40° to +85° C operating & storage
Protection	IP66 Ingress

Reserve Battery

Power	1495 / 2900 mAh
Charge range	-20° to +65° C
Optional	External charge input

Inputs/Outputs

Digital I/O	14
USB	1
Switched Output	2
RS485	1
RS232 Port	2 RS232
	2 CAN/RS232
Status LED's	4

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Driving Intelligence