



Tellesey TL-340

Flexible Asset Management

Prodrive Technologies' TL-340 Telematics Gateway offers maximum flexibility to implement asset management into your application. Due to its Linux architecture all interfaces are controlled through standard API's and its internal mass storage device prevents data loss such that it can be used anywhere in the world on any application.

Product features

- Global Mobile Network coverage
- Internal Antennas for easy system integration
- IP69K ruggedized and UV resistant enclosure
- Support for Amazon Web Services (AWS)
- Linux system on Single Core microprocessor
- Communication Security and Data Storage Encryption
- Mass storage device

Processing & Memory

Microprocessor	Single Cortex-A7 528MHz
Memory	128MB DDR3
Storage	4GB eMMC

Interfaces

Ethernet	10Mbit
CAN	2x CAN 2.0 up to 1Mbit/s
Serial	RS232/RS485

Connectivity

Mobile	LTE CAT-M1/NB-IoT/GPRS
Local	WLAN 2.4GHz with WPA2 (Enterprise) Bluetooth Low Energy
Positioning	GPS/GLONASS/Beidou/Galileo

Sensors

Temperature	NTC on-board sensor
Accelerometer	3-axis 24G



Environmental Compliance

Ambient temperature	-40 to +85°C
Thermal Shock	IEC 60068-2-14 (Na)
Vibrations	IEC 60068-2-64, 1.15Grms
Mechanical Shock	IEC 60068-2-27, 50G
Humidity	IEC 60068-2-38 (Z/AD), RH=95%
Salt Spray	IEC 60068-2-52 (severity 5)
IP rating	IP69K
Chemical resistance	Oil, Diesel, Antifreeze, brake fluid, battery acid, ...

Automotive Electrical Compliance

Nominal voltages	12/24/36/48 VDC
Load Dump	ISO 16750-2, U _s ≤ 202V
Automotive transients	ISO 7637-1/2, Test level III

Regulatory

Europe	RED
North America	FCC/ISED
Country Approvals	On request