TELTONIKA

TSM232

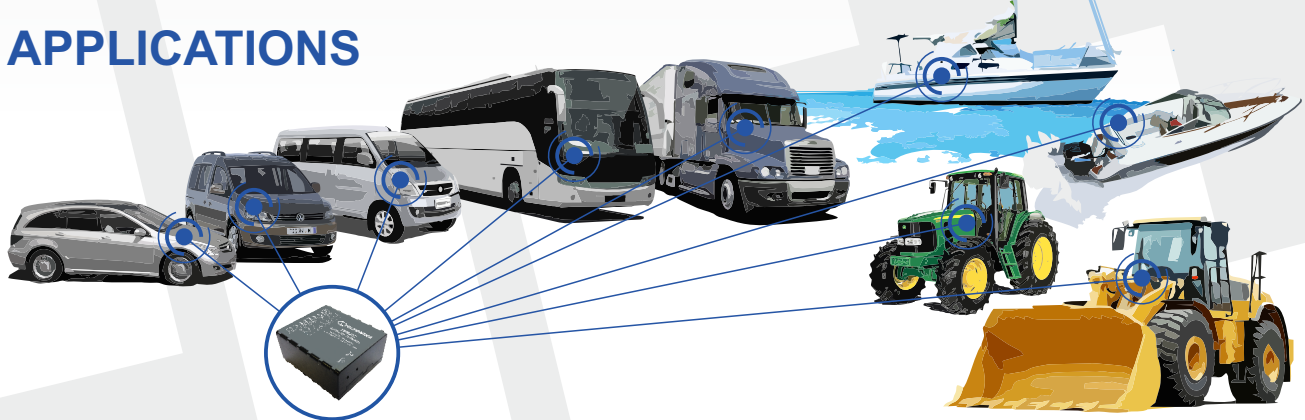**Satellite backup system for fleet management**

DESCRIPTION

Teltonika TSM232 is Iridium SATELLITE terminal with a backup battery. Full solution combines Teltonika TSM232 with Teltonika FM63XY or FMB630 connected via RS232. This solution allows to transfer data to server via Iridium satellite network when other terrestrial networks are unavailable. High capacity internal Ni-MH battery ensures long autonomous working hours, when main power source is disconnected. Such solution meets the demand of high security logistic, marine transport, construction & mining transport, oil/gas industry, public safety, government/defense and more.

APPLICATIONS

Iridium satellite
Iridium Satellite is the only mobile satellite service company offering pole-to-pole coverage over the entire globe. The Iridium constellation of LEO, cross-linked satellites provides data services for areas not served by terrestrial communication networks.

RS232
RS232 functionality enables connection of FM63XY/FMB630 trackers or third party devices to TSM232. Using smart communication protocol connected devices can transfer any data to TSM232 module, received data will be forwarded to server through Iridium satellite network.

RS232

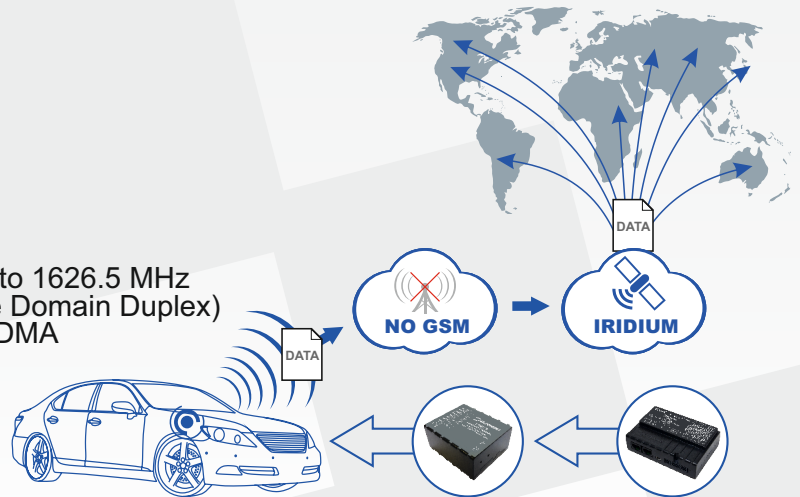### Integrated battery
High capacity internal Ni-MH battery ensures autonomous working hours, when main power source is disconnected.

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FEATURES

► Integrated Iridium module provides the connectivity all around a world, where other terrestrial networks are unavailable
► Smart AT commands protocol for communication with external devices (i.e. Teltonika FMB630/FM63XY)
► RS232 interface
► Small and easy to mount case
► Real-time tracking
► Deep sleep mode
► FOTA

SPECIFICATION

► Iridium satellite transceiver 9603
  ► Frequency Range 1616 MHz to 1626.5 MHz
  ► Duplexing Method TDD (Time Domain Duplex)
  ► Multiplexing Method TDMA/FDMA
► CPU
  ► STM32F103VDH6

INTERFACE

► RS232
► External Iridium antenna
► Internal Ni-MH backup rechargeable battery 7.2V 400mAh
► External power input DC 10-30V
► USB
► Digital input
► Analog input
► Digital output