VPL300T
(VehiclePro Locator on TETRA)

Model Number: SAF-VPL300T

The VPL300T is the most affordable Automatic Vehicle Location and monitoring solution available for Tetra communication networks.

The solution monitors and controls multiple fleets or mobile assets. VPL300T is capable of sending messages (location, speed direction, status of digital inputs and GPS receiver) and receiving configuration messages and commands for digital outputs from the dispatcher through a TETRA radio terminal.
It also computes location from GPS and the correction frames information from DGPS, and location from gyroscope and odometer system if satellite signal is lost or other equivalent method.

TECHNICAL SPECIFICATIONS

Computing platform: Hybrid DSP Freescale / 16 Bit
OS/ software framework: Firmware
Digital signal processing: Freescale DSP 56F83xx
Memory: Flash 256 Kb

Interfaces:
 1 x RS232 with flow
 1 x RS232 with HW-Flow
 2 Digital input/ optocoupled
 1 Rs232 NMEA GPS Output
 2 Digital output / open collector

Location technology: ANTARIS 4 @ 16 Channels

Power:
 Consumption: max 1,2W
 Power supply from radio: 8-50V

Size: 4.7" L x 4.1"Wx1.0"H (120x105x25mm)
Weight: 10 oz. (300g)

Environmental:
 Operating Temperature: -40..+80°C
 Humidity: 95% maximum; no condensing

OPTIONAL ACCESSORIES
 Gps Antenna

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