

VT-4262-2 GPS Fleet Tracking Device

Competitive Edge

The VT-4262-2 is a robust, affordable fleet tracking device that features CDMA wireless communication. This device provides you with extra-sensitive GPS technology, a powerful processing machine and a 3D accelerometer. Internal or external antenna options enable the device to be mounted virtually anywhere for fast, easy, inexpensive installation.

Flexibility

The VT-4262 employs an industry leading on-board alert engine. This advanced engine continuously monitors the vehicle environment and responds instantaneously to pre-defined threshold conditions related to time, date, motion, location, input and other event combinations.

Over-the-Air Serviceability

NexTraq's VT-4262 device also leverages an over-the-air device management and maintenance system, configuration parameters and firmware that can all be updated without the need of a service call. This dramatically increases the lifespan of the device and significantly lowers operating costs.

Key Features:

- CDMA cellular configuration
- High sensitivity GPS
- Driver ID with 1-Wire® protocol
- Temperature sensing via 1-Wire protocol
- Multiple inputs and outputs for Driver ID, Starter Interrupt and temperature sensors
- Garmin® FMI support
- Dual serial ports
- Power management sleep modes

Optional Accessories:

- Driver ID
- Temperature Sensors
- Garmin FMI compatible interface cable



FLEETWIDE PREMIUM

VT-4262-2 Specifications

Communication Specifications

CDMA Dual-Band	800/1900 MHz
CDMA Output Power	800: +24 dBm 1900: +24 dBm
Data Support	SMS, CDMA 1xRTT packet data

Certifications

Fully certified FCC, CE, IC, PTCRB, Applicable Carriers

Location Specifications

Location Technology	50 Channel GPS SBAS: WAAS, EGNOS, MSA
Location Accuracy	2.0 meter CEP (with SBAS)
Tracking Sensitivity	-162 dBm
Acquisition Sensitivity	-147 dBm
AGPS capable	

Comprehensive I/O

Inputs	5 (1 fixed bias low, 4 programmable bias)
Outputs	3 Relay Driver (200 mA)
Serial Interfaces	2 (1 TTL serial, 1 switched power TTL)
Analog Inputs	2 (1 internal, 1 external)
1-Wire Interface	Driver ID
Status LEDs	Temperature Sensor GPS and Cellular

Connectors and SIM Access

I/O, Power, Programming	20-pin Molex-type fused power harness
GPS Antenna	External SMA (w/tampering monitoring, 3V) or Internal
Cellular Antenna	External SMC or Internal
SIM Access	Internal

Electrical Specifications

Operating Voltage	6-32 VDC
Power Consumption	<3 mA @ 12 V (Deep Sleep) <10 mA @ 12 V (Sleep on Network with SMS) <20 mA @ 12 V (Sleep on Network with CDMA) <70 mA @ 12 V (Active Tracking)

Physical Specifications

Dimensions	2.0 x 4.0 x 0.85 inches (51 x 102 x 22 mm)
Weight	74 g (external), 85 g (internal)

Environmental Specifications

Operating Temperature	-30° to +75° C
Storage Temperature	-40° to +85° C
Humidity	95% R.H. @ 50° C non-condensing
Shock and Vibration	U.S. Mil. Std. 202G and 810F, SAE J1455
EMC/EMI	SAE J1113, Industry CA

RoHS Compliant

Mounting

Tie-wrap, Adhesive or Velcro
Screw Mounting Bracket



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