



TRACK YOUR TRUCK

GPS FLEET TRACKING

TECHNICAL FEATURES

- Built-in wiring harness
- 200mAh Lithium Ion backup Battery
- Ultra-Low Power Mode (< 1mA)
- Internal Cellular and GPS Antennas
- Super Sense GPS (-167 dBm tracking)
- 2 Digital Inputs/ 3 digital Outputs
- Starter Interrupt Harness

SERVICE FEATURES

- 1 or 2 minute GPS update option
- Reliable Store and Forward
- 2000 Buffered Messages
- LTE CatM messages
- Over-the-Air Programming and Firmware Updates



COYOTE ST ESSENTIAL VEHICLE TRACKER

Satellite Location (GNSS)

Constellation Support:

GPS, GLONASS, SBAS Engine (WAAS, EGNOS, MSAS, GAGAN)

Channels: 55 channels

Tracking sensitivity: -167 dBm

Acquisition Sensitivity:

-157 dBm (Hot Start), -148 dBm (Cold Start)

Location Accuracy: ~2.0m CEP Open Sky (GPS SBAS 24 hours static)

Location Update Rate: 1Hz

Cellular Network

Data Support: 1900 (B2)/AWS 1700(B4)/700 (B12)*

MHz *B17 is a subset of B12

Electrical Specifications

Operating Voltage:

12/24 VDC Vehicle Systems

9-32 VDC (Startup, operating)

7-32 VDC (momentary)

Power consumption:

Typical 750 uA @ 12V (deep sleep)

Typical 12 mA @ 12V (radio-active sleep/idle)

Typical 40 mA @ 12V (active tracking w/GPS and cell enabled)

Physical Specifications

Dimensions: 2.10 x 3.80 x 0.77" (53.4 x 96.6 x 19.5 mm)

Weight: 3.95 oz, 112g

Certifications

Industry Certifications: FCC, IC, PTCRB



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STANDARD TESTING

- Program testing
- Application report testing
- GPS acquisition
- Cellular network registration
- Multiple GPS reports received on client-specific interface

Environment

Operating temperature:

- 30 °C to +60 °C (connected to primary power)
- 10 °C to +60 °C (operating on internal battery)
- 20 °C to +25 °C < 6 months (Long term storage with battery)

Operating humidity: 95%RH @ 50°C non-condensing

Shock and Vibration: U.S. Military Standard 202G and 810F, SAE J1455

GET IN TOUCH



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TrackYourTruck.com

