

SPECIFICATIONS

THE TALON™

GPS Tracking Device



The **Talon** is Spireon's 11th generation GPS vehicle tracking device, delivered through the market-leading GoldStar GPS, and LoanPlus CMS brands. The new Talon device features several improvements designed to drive your bottom-line. The Talon's features equip dealers and lenders with the business intelligence they need to quickly and effectively track their assets, reduce delinquencies, improve collections, and recover vehicles, allowing them to appeal to a broader customer base. The Talon is the best performing device we offer in the vehicle finance space.

KEY FEATURES

- Thin, near-flat profile, improved wiring case with a sleek ribbon cable
- Rugged, automotive-grade engineering and design
- Uses an industry leading ARM7 32 bit processor
- Uses best in class 25mm passive patch GPS antenna design
- GPS receiver sensitivity of -165dBm
- Designed to be temperature and moisture tolerant. It can tolerate between -40C up to +85C
- Resettable internal fuse for automatic fault recovery
- Tested to 90 VDC overvoltage spikes per SAE-J1113/11 for durability across electrical noise caused from jumpstarting a vehicle
- Extensive hardware testing over the published operational voltage and temperature ranges
- Meets and exceeds all carrier, PTCRB and TRP/TIS certification for receiving and transmitting cellular data

TARGET MARKETS

The Talon meets the needs of most dealers and lenders in the automotive GPS solution space.

PRODUCT DIFFERENTIATORS

- Form provides more flexible and covert placement in the vehicle, deterring tampering and removal
- Resettable internal fuse for automatic fault recovery
- Meets and exceeds all carrier, PTCRB and TRP/TIS certification for receiving and transmitting cellular data
- Comes with a standard 3-year warranty
- Thinnest device to date

If you have any questions regarding your device please call: **1-877-563-0012**



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RADIO

GPRS Quad-Band	850/900/1800/1900 MHz
CDMA 1x Quad-Band	850/1900 MHz

ENVIRONMENTAL

Operating Temperature	-40 to 85° C
Storage Temperature	-50 to 100° C
Water Resistant	Yes

PHYSICAL SPECIFICATIONS

Dimensions	85.1mm x 32.2mm x 9.6mm
Weight	66g or 2.3 ounces: antennas are internal

GPS FUNCTIONALITY

Channel	66 (Search) 22 (Simultaneous Tracking)
Location Accuracy	10 feet CEP (with SBAS)
Tracking Sensitivity	-165 dBm
FOTA	Application FW is FOTA via TFTP, configuration is also FOTA also via TFTP
Buffered GPS Message Feature	Yes; default is 15 messages, configurable from 1 to 32

CONNECTORS

Connection Type	2 GPIO 0-16 V Tolerance 1 Relay Drive Output
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POWER SOURCE

Operating Voltage	6.0 – 16.0 VDC
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POWER CONSUMPTION

GPS tracking, Comm (idle), LEDs on	< 35 mA (average)
Comm only (idle)	< 10 mA
Peak instantaneous	< 600 mA

CERTIFICATIONS

FCC, PTCRB	
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