



The Spider® MT 3000, is a certified dual-band integrated device, purpose-built for the Usage Based Insurance (UBI), telematics, and fleet management markets. Providing easy plug-and-play installation, the MT 3000 is designed for passenger cars, light trucks, and service vans.

The Spider MT 3000 is an innovative plug-n-play device with internal antennas, providing complete GSM/GPRS communications. It supports a host of vehicle engine OBDII permitted protocols while still providing customizable Spider MT features including GPS location, ignition, geo-fencing, trip reporting and events. Combined with the on-board 3-axis accelerometer, the MT 3000 also has built-in threshold events to capture metrics critical to effective fleet and insurance monitoring such as excessive engine speed, rapid acceleration, harsh braking, speed violations, and excessive idling.

Coupled with the robust N4A Communications and Management platform, our devices can be monitored and reconfigured remotely, most anywhere in the world.



SPIDER® MT 3000

GSM/GPRS/GPS

DUAL-BAND MOBILE PLATFORM

N4A Spider MT 3000 Device Benefits

- Vehicle diagnostics and reporting capabilities
- Supports a host of OBDII permitted protocols
- Compact, lightweight, low profile design
- Integrated SMS for commands & messages
- Optimized 3-axis accelerometer for driver behavior monitoring
- Flexible customization through built-in programmable rules engine

Superior Performance, unprecedented reliability – Delivered through the N4A Spider MT Family

SPIDER MT 3000

MODEL NUMBER	GSM2374 (NORTH AMERICA)	GSM2376 (ROW)
CHARACTERISTICS Dimensions (L x W x H) Housing	46 x 43 x 28 mm Rugged textured plastic enclosure, V ₀ fire rated	
RADIO PERFORMANCE Frequency (MHz) Transmit power	850/1900 Class 4 (2W@850 MHz) Class 1 (1W@1900 MHz)	900/1800 Class 4 (2W@900 MHz) Class 1 (1W@1800 MHz)
PACKET DATA Mode Protocol Coding Schemes Packet Channel	Class B, Multislot 2 GSM/GPRS Rel 97 CS1-CS4 PBCCH/PCCCH	
GSM FUNCTIONALITY GSM SMS	Text, PDU, MO/MT, Cell Broadcast	
GPS FUNCTIONALITY GPS Protocols Buffered GPS Message Feature	NMEA, Binary Yes	
ACCELEROMETER	3-axis digital accelerometer for motion alert (towing alert) and driver behavior reporting (rapid acceleration, harsh braking) using configurable thresholds	
ON-BOARD DIAGNOSTICS (OBD-II)	J1850 PWM, J1850 VPW, ISO-9141-2, ISO-14230 KWP2000, and ISO-15765 CAN protocols supported VIN, excessive engine speed (RPM), vehicle speed, vehicle battery voltage (low battery warning), check engine light (MIL alert), odometer (trip distance), idle time reporting, low fuel alert	
OVER-THE-AIR COMMANDS	I/O control, GPS TX internal, binary reporting, timed reporting, alarm reporting, maximum speed exceeded, status change reports, GPS content, event reporting, distance reporting, geo fencing and virtual odometer, driver behavior reporting	
SIM CARD/INTERFACE/I/O SIM Access GSM Antenna I/O Connector OBD II Connector	Internal Internal antenna Micro USB (2.0), command port J1962 compliant	
INTERFACE Host Protocols Internal Protocols API Control/Status	AT commands, UDP API UDP API, TCP API AT commands, UDP API, TCP API, AT commands over SMS	
ENVIRONMENT Operating Storage Humidity Vibration	-30°C to 85°C -40°C to 85°C Up to 95% non-condensing In accordance with SAE J1211	
BATTERY	N/A	
POWER DC voltage	9 - 16 V	
CERTIFICATIONS PTCRB GCF FCC Industry Canada RoHS Compliant CE eMark AT&T Rogers	Version 5.6 N/A Parts 2, 15, 22, 24 RSS-210, 132, 133 Yes N/A Yes Yes Yes Yes	N/A Yes N/A N/A Yes Yes Yes N/A N/A
PART NUMBERS	GSM2374-01 (North America)	GSM2376-01 (ROW)